

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123464.D
 Acq On : 25 Mar 2021 16:33
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-15-21-22

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123464.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	15	21	27	rVB	1292256	1627189	15.27%	1.354%
2	2.322	35	40	49	rVB	184391	243411	2.28%	0.203%
3	5.122	509	516	524	rBV	145586	190396	1.79%	0.158%
4	5.516	578	583	586	rBV	4496064	4268535	40.06%	3.552%
5	6.522	748	754	762	rBV	4349082	4513610	42.36%	3.756%
6	6.734	786	790	802	rVB	91674	131539	1.23%	0.109%
7	6.898	814	818	820	rBV	1759419	1357818	12.74%	1.130%
8	7.034	836	841	845	rBV	143511	162537	1.53%	0.135%
9	7.245	873	877	880	rBV	172473	148364	1.39%	0.123%
10	7.457	908	913	916	rBV	3121245	2865466	26.90%	2.385%
11	7.710	953	956	959	rVB	204679	157480	1.48%	0.131%
12	7.828	974	976	979	rVB2	215850	156260	1.47%	0.130%
13	7.875	979	984	986	rBV2	150398	223468	2.10%	0.186%
14	7.904	986	989	991	rVB2	147229	137723	1.29%	0.115%
15	7.933	991	994	998	rBV	313717	378222	3.55%	0.315%
16	7.981	998	1002	1004	rVB2	338573	310513	2.91%	0.258%
17	8.010	1004	1007	1012	rBV3	126025	199797	1.88%	0.166%
18	8.069	1012	1017	1018	rBV3	164062	251664	2.36%	0.209%
19	8.092	1018	1021	1024	rBV2	216043	188331	1.77%	0.157%
20	8.139	1024	1029	1030	rBV3	275031	316296	2.97%	0.263%
21	8.186	1031	1037	1040	rVB2	1997334	3293999	30.92%	2.741%
22	8.251	1044	1048	1050	rVB	2274663	2096723	19.68%	1.745%
23	8.281	1050	1053	1055	rBV2	454565	526316	4.94%	0.438%
24	8.339	1060	1063	1065	rBV2	219997	228381	2.14%	0.190%
25	8.392	1069	1072	1074	rBV2	352341	354055	3.32%	0.295%
26	8.428	1074	1078	1080	rVB3	295246	378227	3.55%	0.315%
27	8.481	1080	1087	1089	rBV2	1684593	2274331	21.35%	1.893%
28	8.533	1093	1096	1098	rVV2	959650	825104	7.74%	0.687%
29	8.563	1098	1101	1105	rVB	1368481	1426531	13.39%	1.187%
30	8.610	1105	1109	1112	rBV	3817391	3898652	36.59%	3.244%
31	8.633	1112	1113	1115	rVV	566943	405275	3.80%	0.337%
32	8.698	1119	1124	1126	rBV4	366235	462589	4.34%	0.385%
33	8.733	1126	1130	1132	rBV3	521019	676144	6.35%	0.563%
34	8.781	1134	1138	1142	rVV	4310734	4062900	38.13%	3.381%
35	8.816	1142	1144	1146	rVV3	454718	525890	4.94%	0.438%
36	8.839	1146	1148	1151	rVV3	696838	858495	8.06%	0.714%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.875	1151	1154	1157	rVB	1641839	1855654	17.42%	1.544%
38	8.910	1157	1160	1163	rBV3	293439	406151	3.81%	0.338%
39	8.939	1163	1165	1167	rVB	281557	209658	1.97%	0.174%
40	8.963	1167	1169	1173	rBV3	682410	896288	8.41%	0.746%
41	9.039	1180	1182	1184	rBV2	243616	202286	1.90%	0.168%
42	9.063	1184	1186	1190	rVV3	1245550	1998237	18.76%	1.663%
43	9.098	1190	1192	1197	rVB3	1400394	1846270	17.33%	1.536%
44	9.145	1197	1200	1204	rBV	1749836	1544401	14.50%	1.285%
45	9.186	1204	1207	1209	rVV	1493071	1258273	11.81%	1.047%
46	9.216	1209	1212	1215	rVB	4056591	3360507	31.54%	2.797%
47	9.263	1215	1220	1223	rVB	4746523	4390412	41.21%	3.654%
48	9.304	1223	1227	1230	rBV2	493296	643029	6.04%	0.535%
49	9.351	1230	1235	1239	rBV	4255296	5169128	48.52%	4.302%
50	9.392	1239	1242	1244	rVB2	487271	489655	4.60%	0.407%
51	9.463	1252	1254	1257	rVB3	471175	433288	4.07%	0.361%
52	9.498	1257	1260	1261	rBV2	300340	333548	3.13%	0.278%
53	9.539	1265	1267	1269	rVB	359031	274535	2.58%	0.228%
54	9.604	1275	1278	1280	rBV	461881	444988	4.18%	0.370%
55	9.622	1280	1281	1284	rVB2	714898	505670	4.75%	0.421%
56	9.669	1284	1289	1291	rBV2	3731309	4201237	39.43%	3.496%
57	9.686	1291	1292	1296	rVB	1084361	818358	7.68%	0.681%
58	9.727	1296	1299	1301	rVB	780181	611538	5.74%	0.509%
59	9.757	1301	1304	1305	rBV	202327	170045	1.60%	0.142%
60	9.775	1305	1307	1309	rVB	392183	301332	2.83%	0.251%
61	9.816	1311	1314	1317	rBV2	271632	293882	2.76%	0.245%
62	9.875	1317	1324	1329	rVB	2315758	2508583	23.55%	2.088%
63	9.916	1329	1331	1333	rBV2	459568	442911	4.16%	0.369%
64	9.945	1333	1336	1339	rVB	2371528	2074739	19.47%	1.727%
65	10.051	1352	1354	1359	rVB2	149070	147207	1.38%	0.123%
66	10.104	1360	1363	1366	rVV2	328544	461193	4.33%	0.384%
67	10.133	1366	1368	1371	rVV	384897	406180	3.81%	0.338%
68	10.163	1371	1373	1376	rVV	215592	203016	1.91%	0.169%
69	10.198	1376	1379	1383	rVV2	453761	557707	5.23%	0.464%
70	10.233	1383	1385	1388	rVB	225068	173652	1.63%	0.145%
71	10.322	1397	1400	1403	rVB	111930	132605	1.24%	0.110%
72	10.375	1407	1409	1412	rVV	190819	156352	1.47%	0.130%
73	10.410	1412	1415	1417	rVV	161224	182943	1.72%	0.152%
74	10.433	1417	1419	1424	rVB5	96767	122211	1.15%	0.102%
75	10.598	1442	1447	1449	rBV	346237	422683	3.97%	0.352%
76	10.727	1464	1469	1473	rBV	3022074	2850941	26.76%	2.372%

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77	10.863	1487	1492	1499	rBV2	232191	363854	3.42%	0.303%
78	11.045	1520	1523	1525	rBV	97643	124596	1.17%	0.104%
79	11.433	1575	1589	1599	rVV3	2781331	5327617	50.00%	4.433%
80	11.586	1602	1615	1625	rVV	935095	4199145	39.41%	3.494%
81	11.721	1625	1638	1647	rVB	3339940	10654264	100.00%	8.866%
82	11.869	1657	1663	1670	rBV	327655	720336	6.76%	0.599%
83	11.957	1672	1678	1692	rVB	614786	997722	9.36%	0.830%
84	12.663	1792	1798	1803	rVV3	285377	616752	5.79%	0.513%
85	12.739	1805	1811	1820	rVB	1698467	2419347	22.71%	2.013%
86	13.021	1855	1859	1862	rBV	4373895	3726571	34.98%	3.101%
87	13.363	1912	1917	1923	rBV	271712	434064	4.07%	0.361%
88	13.933	2010	2014	2018	rBV	321616	507026	4.76%	0.422%
89	13.974	2018	2021	2029	rVV2	234984	421038	3.95%	0.350%
90	14.074	2034	2038	2042	rVB	1268956	1161948	10.91%	0.967%
91	14.427	2094	2098	2106	rBV	481517	597531	5.61%	0.497%
92	14.886	2171	2176	2182	rVB	434289	629791	5.91%	0.524%
93	15.398	2257	2263	2270	rBV	365335	571393	5.36%	0.475%
94	15.462	2270	2274	2279	rBV6	89896	164422	1.54%	0.137%
95	15.574	2288	2293	2298	rVB	811102	1060006	9.95%	0.882%
96	15.968	2355	2360	2366	rVB	246079	417540	3.92%	0.347%
97	16.633	2467	2473	2478	rVB	168006	351998	3.30%	0.293%
98	17.133	2550	2558	2569	rBV9	127475	520657	4.89%	0.433%
99	17.403	2599	2604	2611	rVB2	80443	164938	1.55%	0.137%
100	17.815	2667	2674	2685	rVB4	132534	391659	3.68%	0.326%

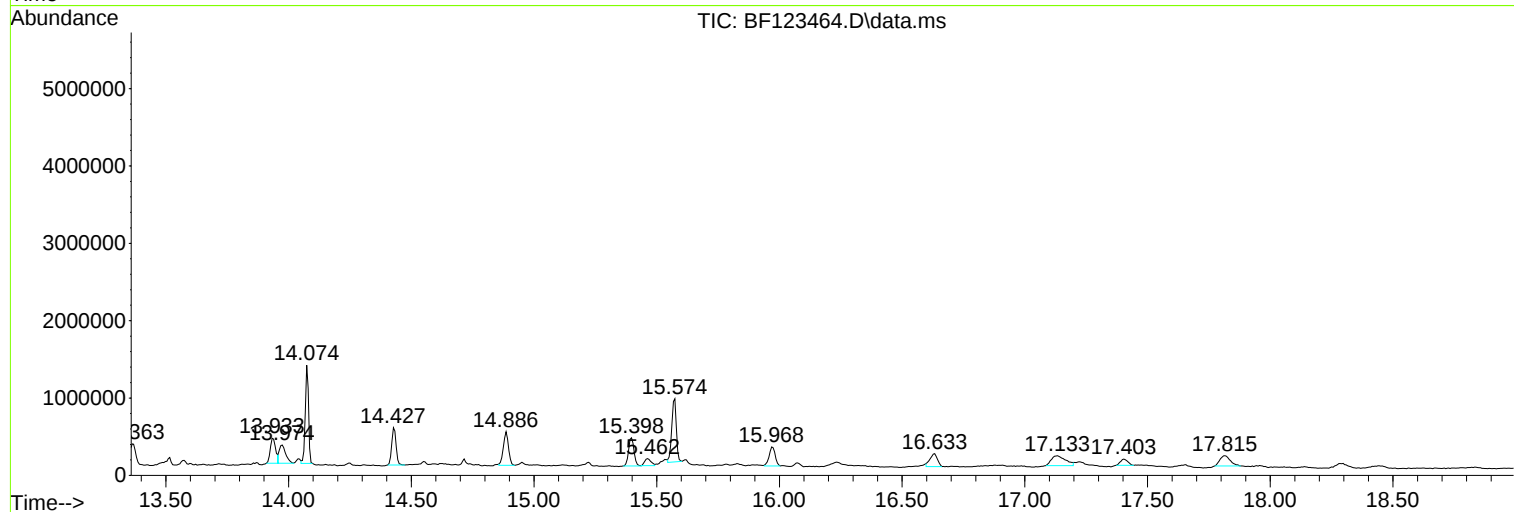
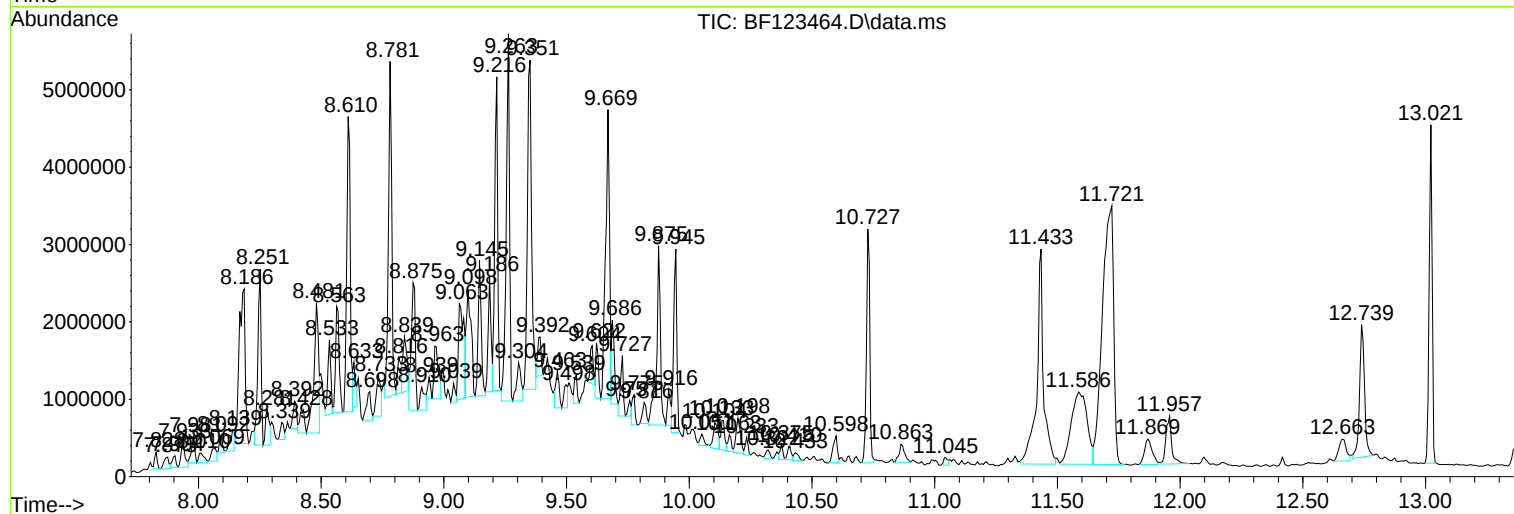
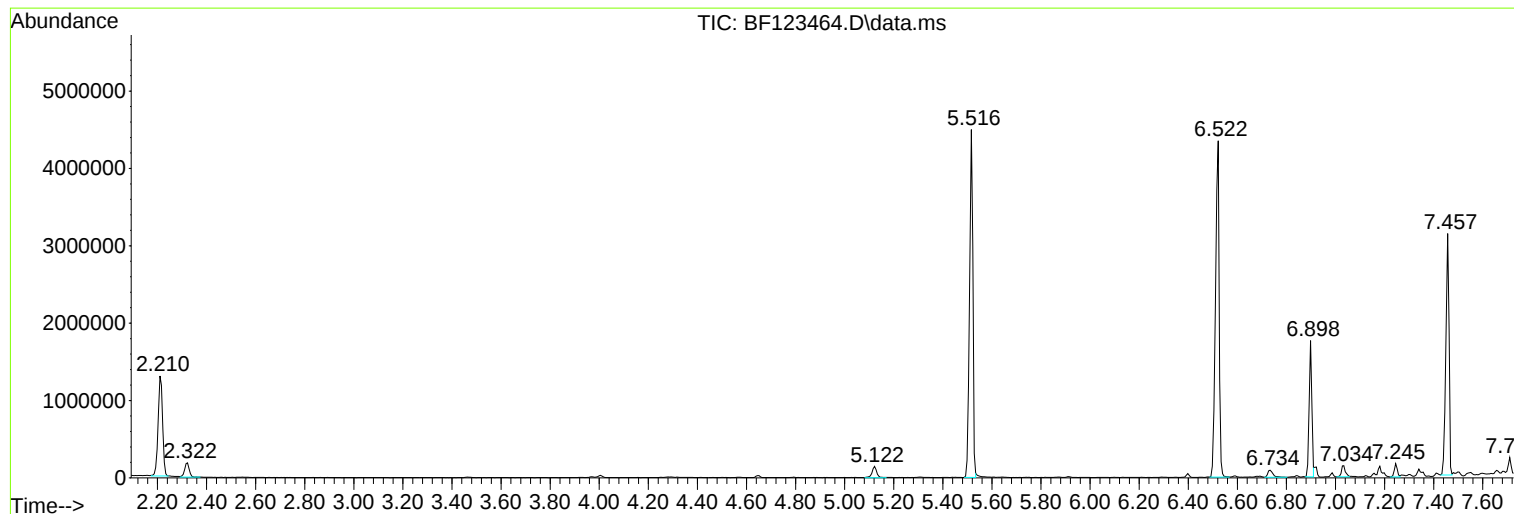
Sum of corrected areas: 120167739

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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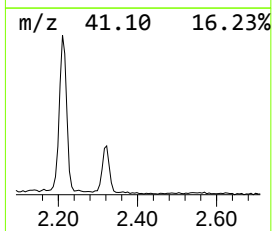
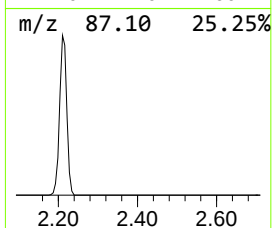
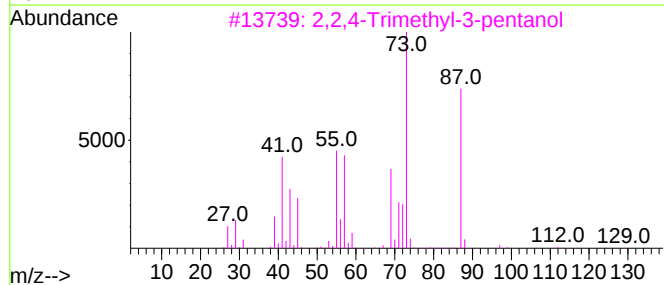
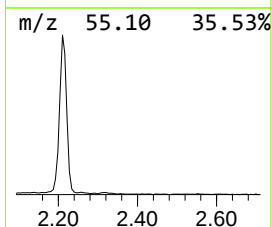
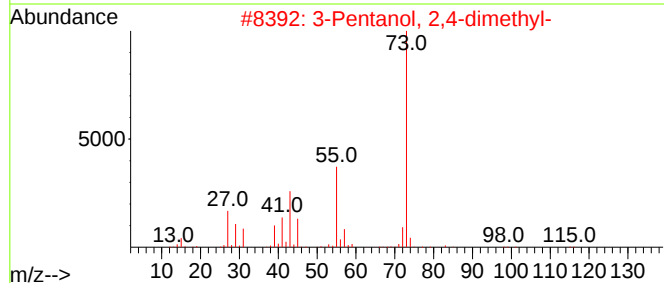
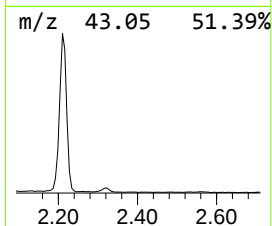
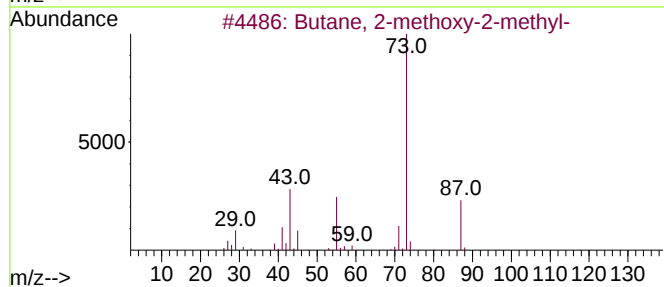
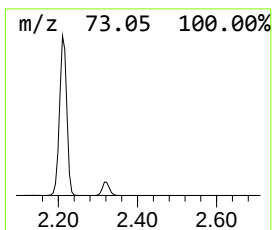
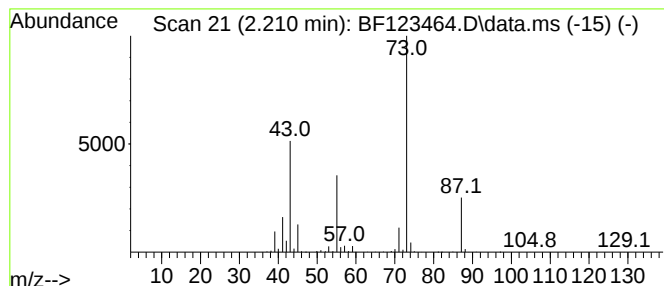
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	23.97 ng	1627190	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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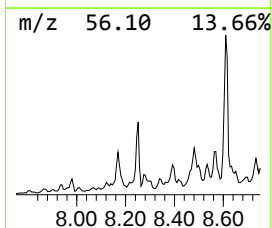
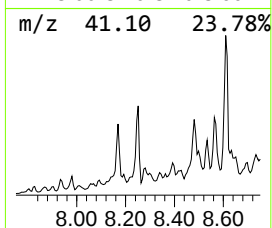
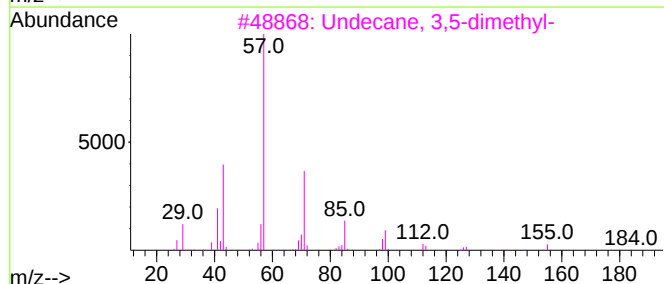
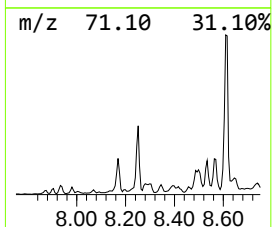
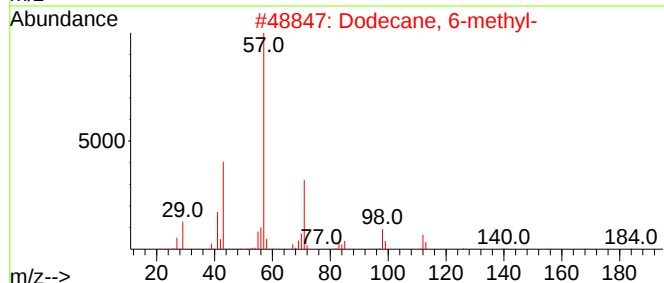
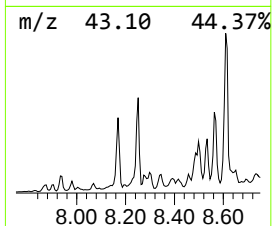
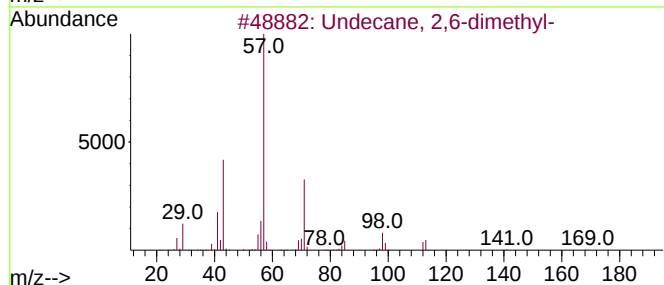
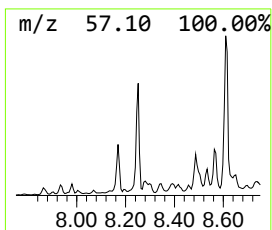
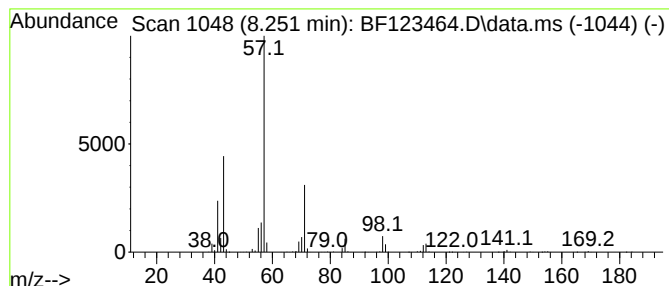
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	12.73 ng	2096720	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



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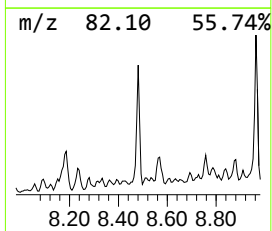
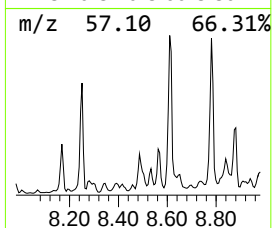
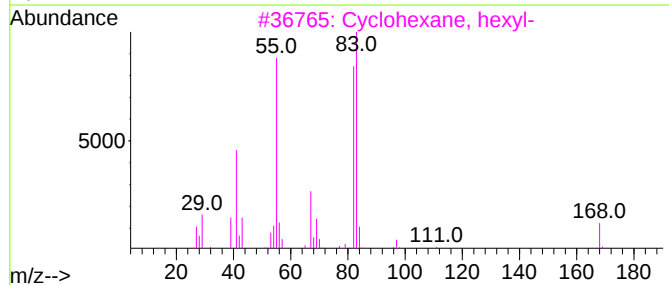
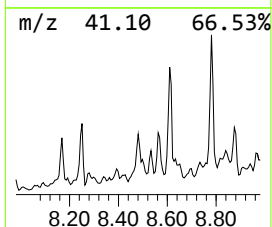
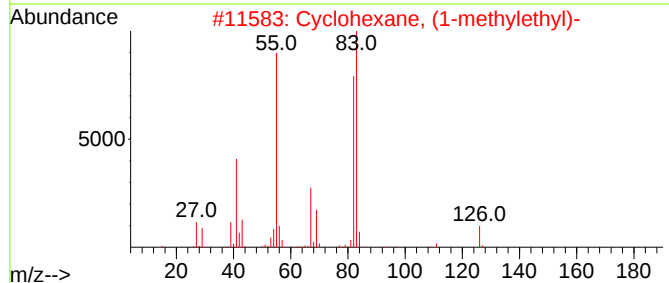
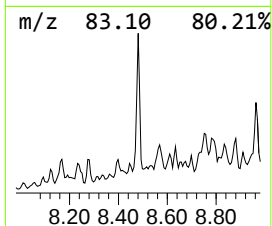
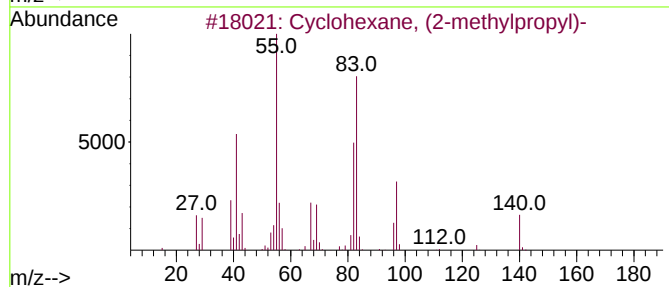
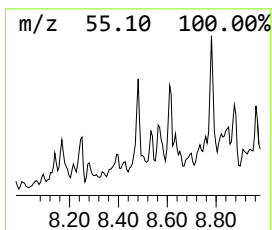
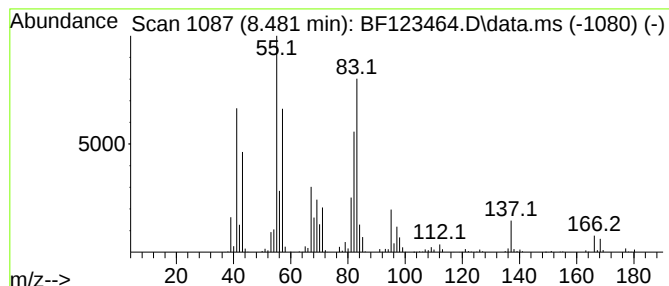
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	13.81 ng	2274330	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

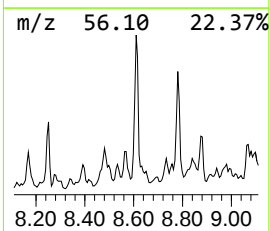
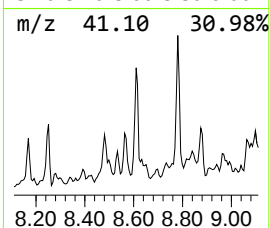
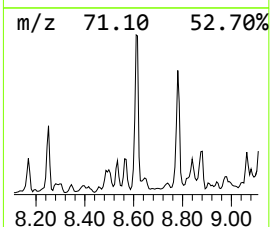
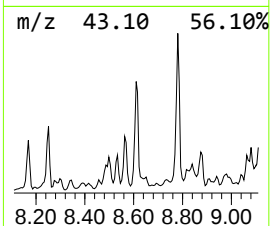
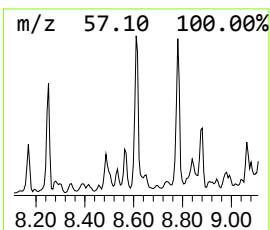
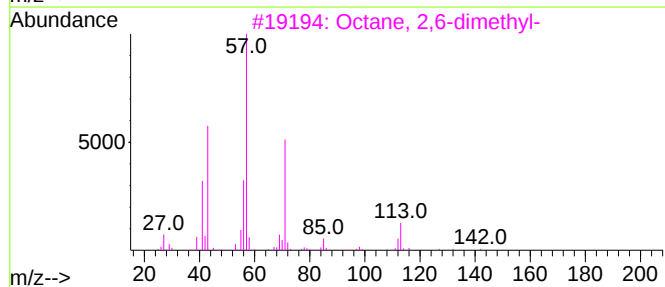
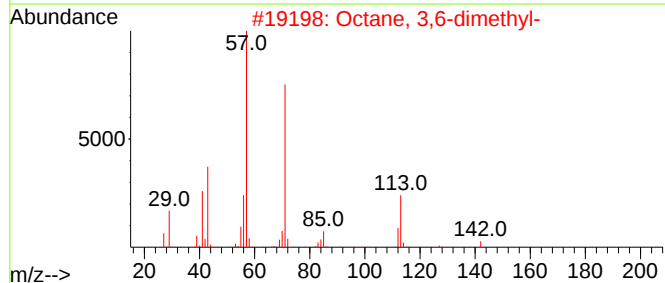
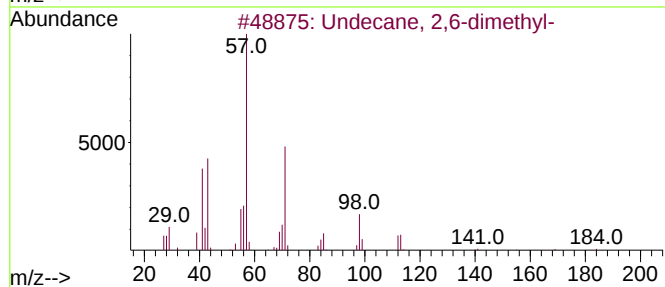
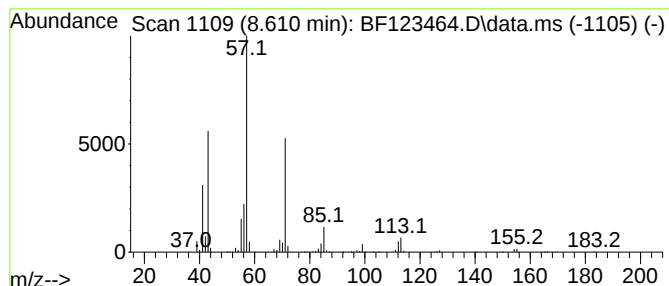
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	23.67 ng	3898650	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
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Misc :
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Instrument :
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ClientSampleId :
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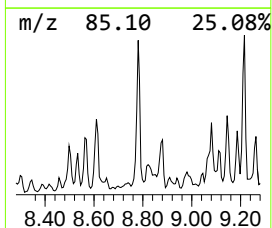
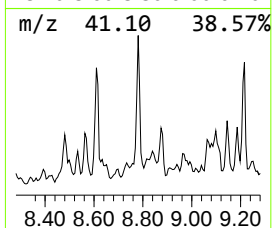
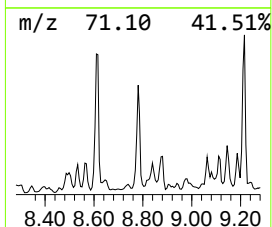
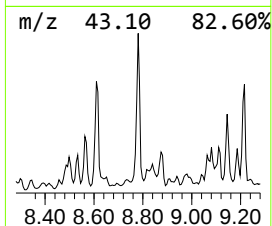
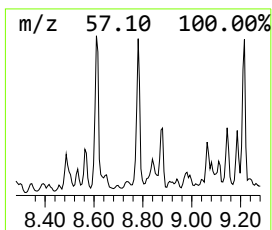
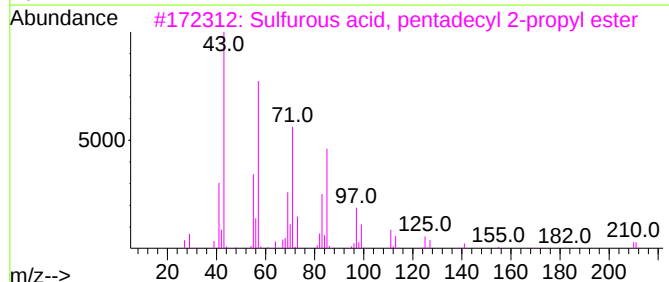
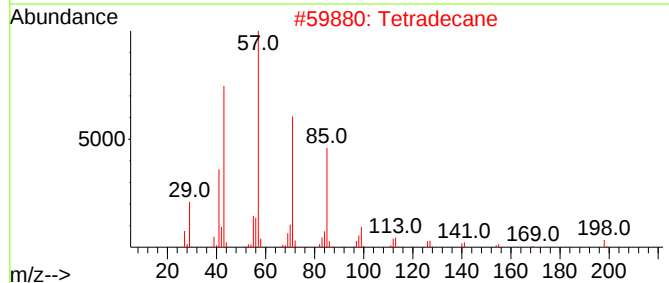
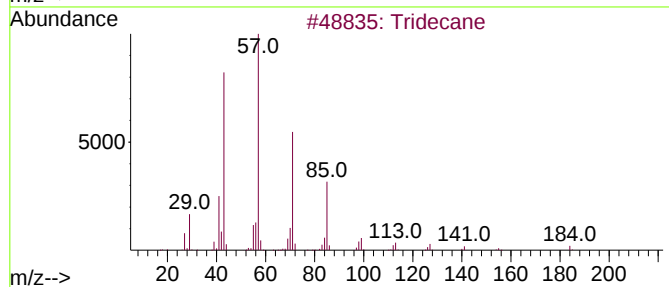
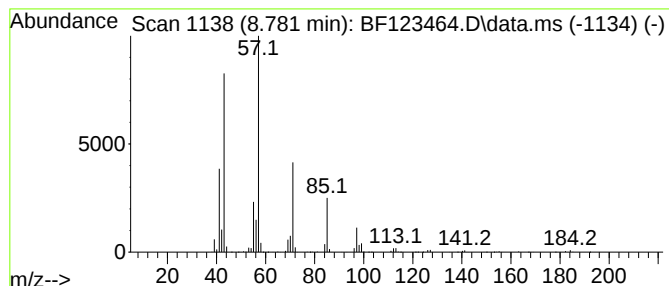
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	24.67 ng	4062900	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	80
2			Tetradecane	198	C14H30	000629-59-4	78
3			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
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ClientSampleId :
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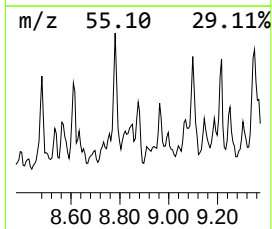
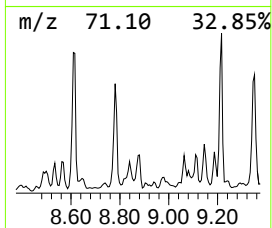
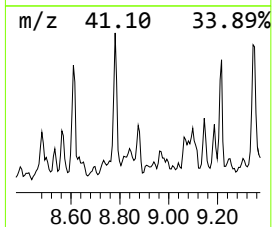
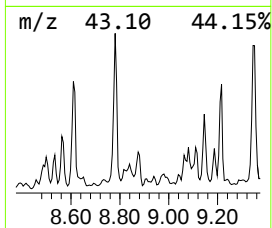
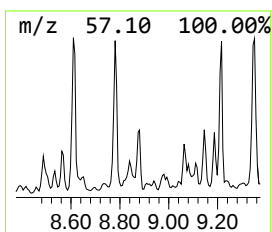
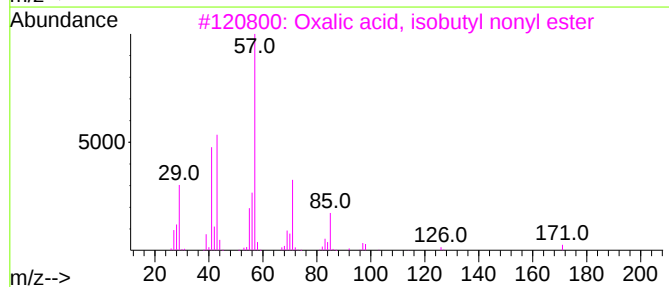
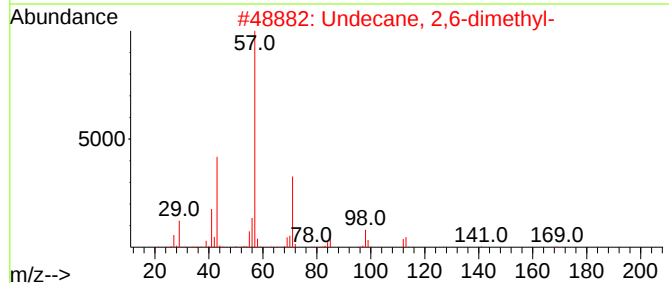
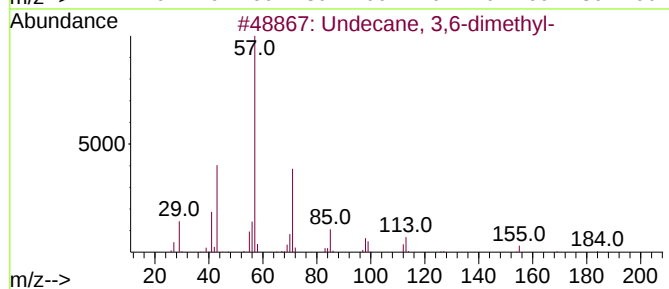
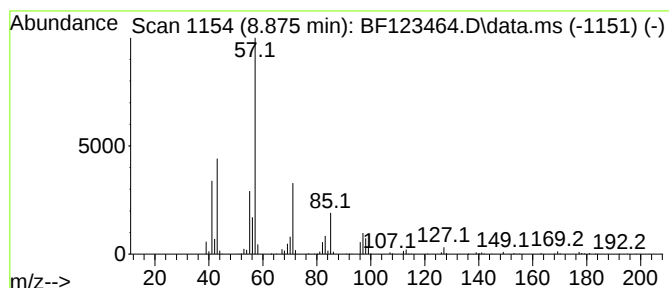
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxalic acid, isobutyl nonyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	11.27 ng	1855650	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	52
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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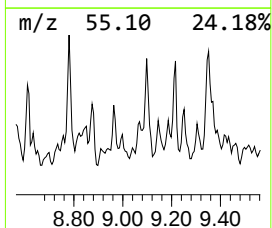
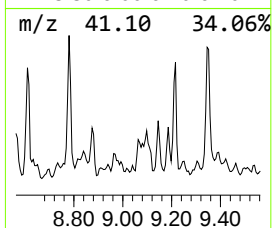
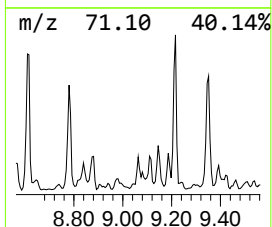
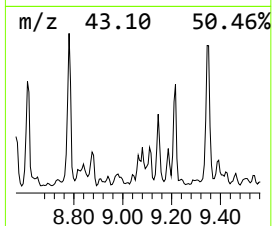
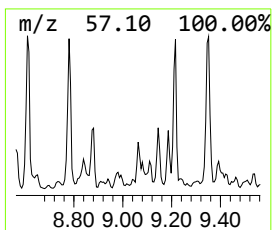
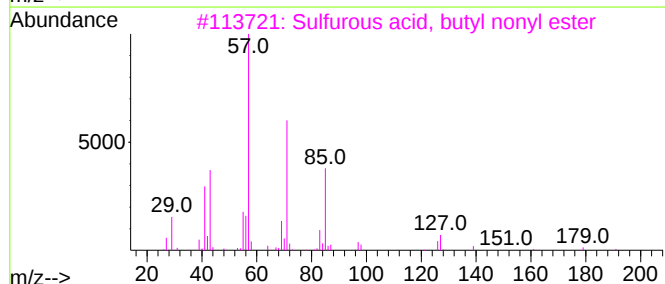
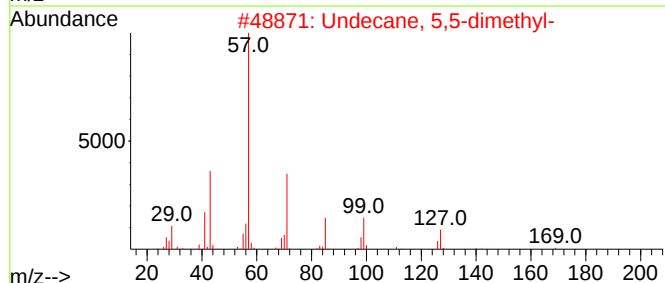
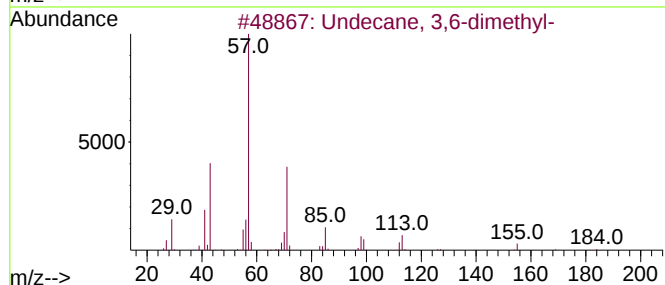
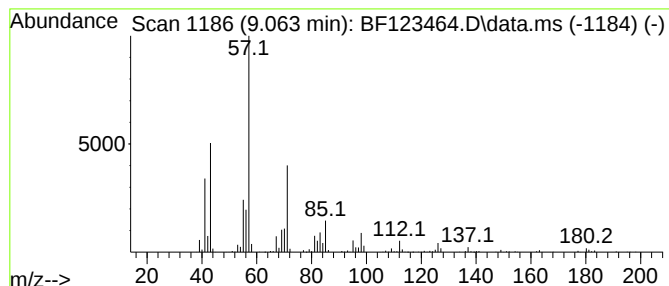
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	12.13 ng	1998240	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	53
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Sample : M1749-02
Misc :
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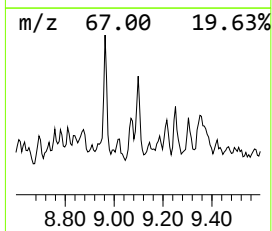
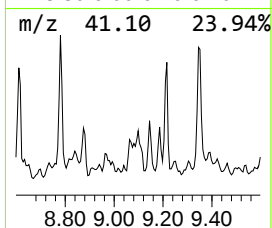
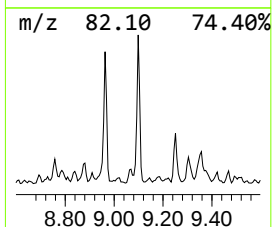
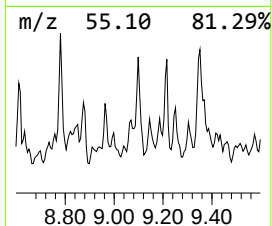
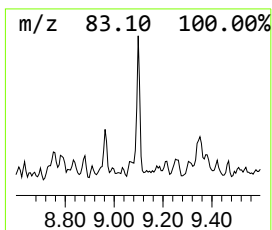
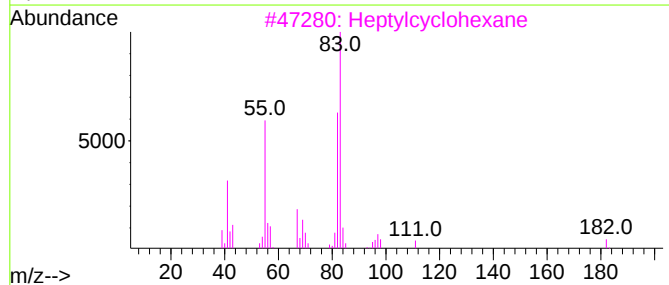
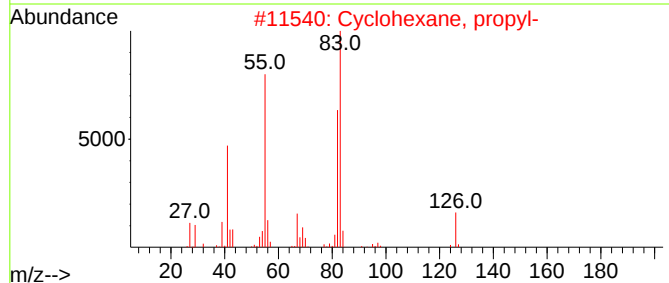
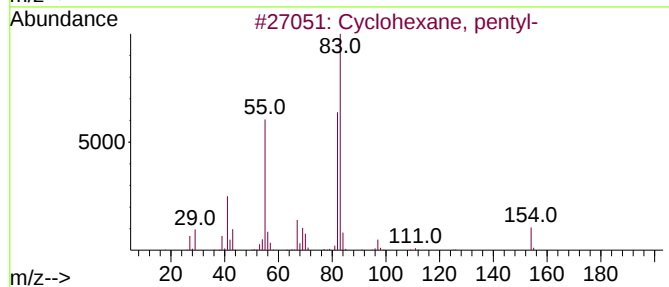
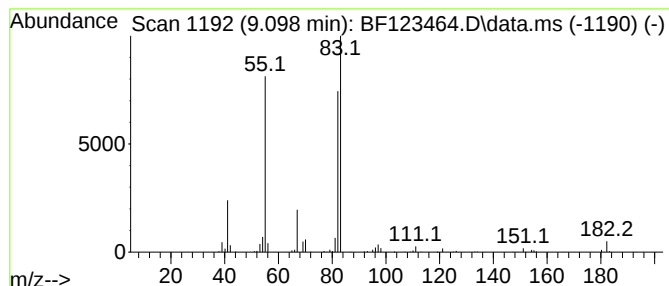
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.098	17.80 ng	1846270	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3	Heptylcyclohexane	182	C13H26	005617-41-4	78
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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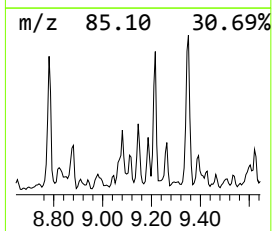
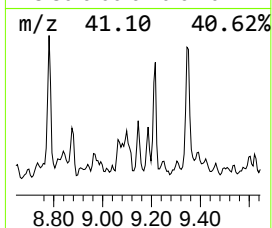
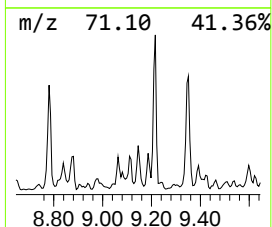
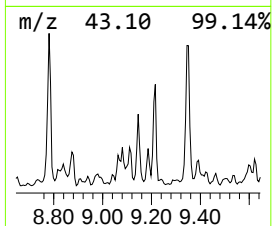
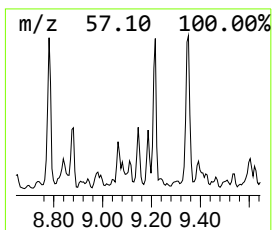
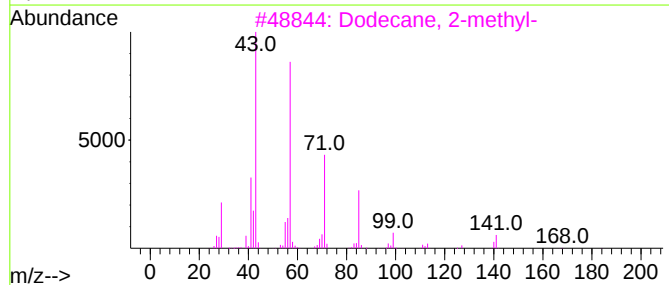
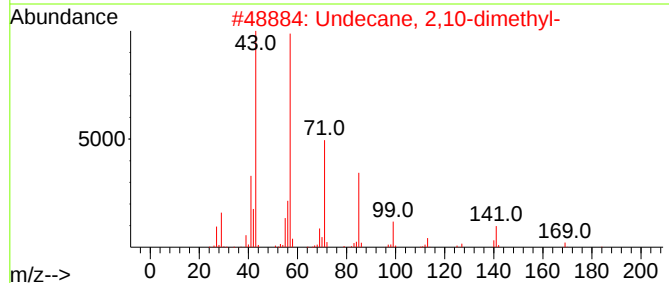
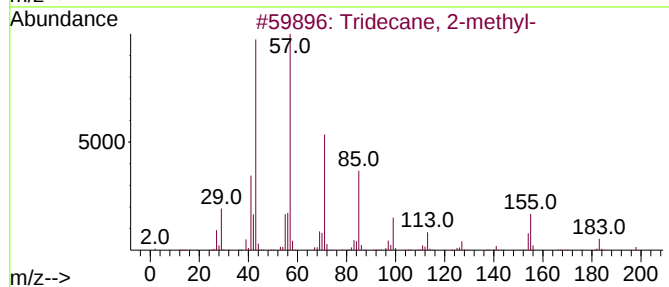
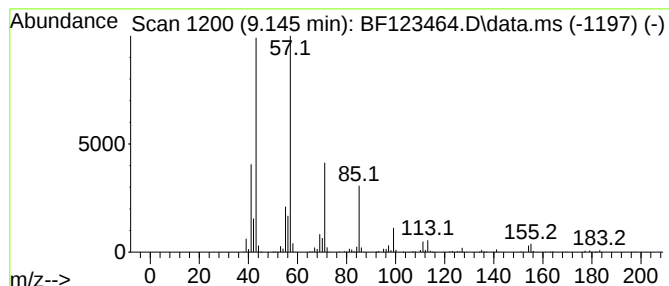
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.145	14.89 ng	1544400	Acenaphthene-d10		9.945	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-		198	C14H30	001560-96-9	90
2	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	86
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	78
4	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	72
5	1-Iodoundecane		282	C11H23I	004282-44-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
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Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

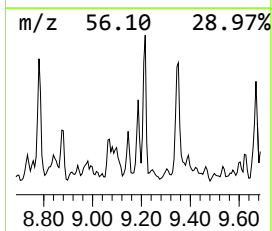
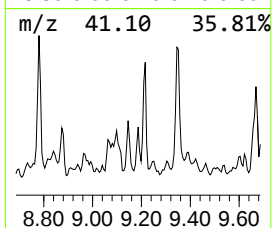
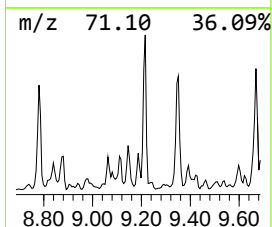
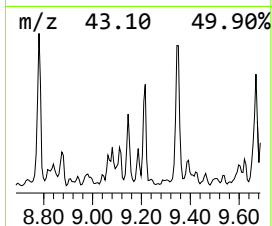
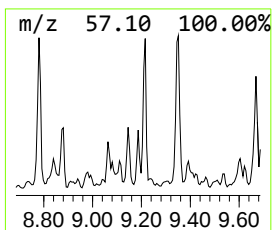
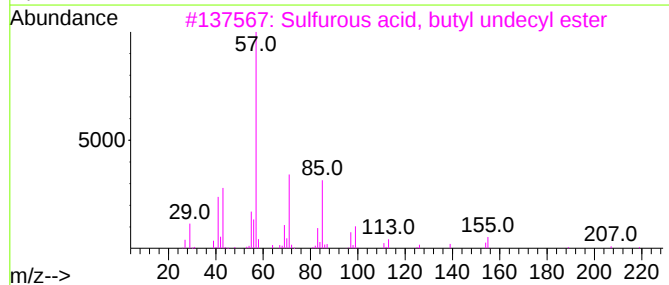
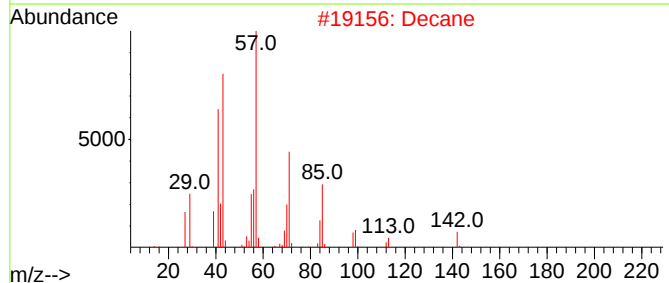
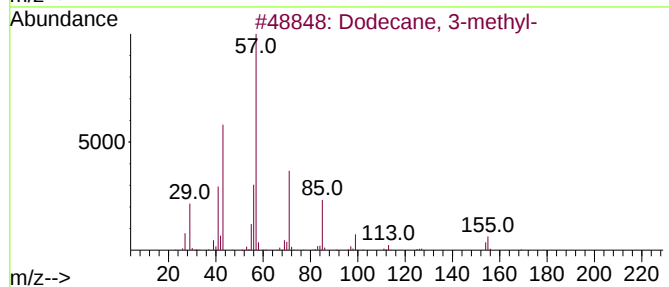
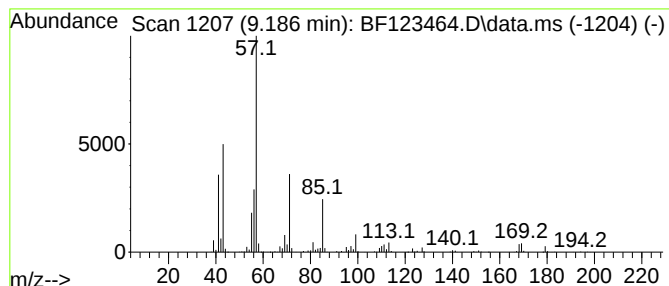
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ClientSampleId :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.186	12.13 ng	1258270	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Decane	142	C10H22	000124-18-5	64
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
4	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

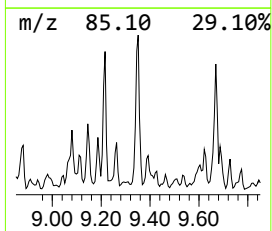
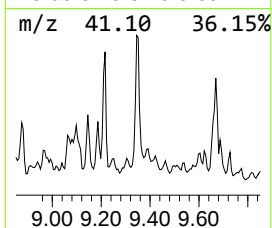
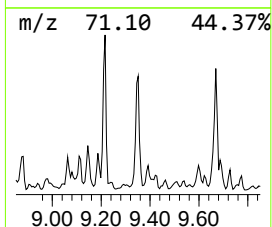
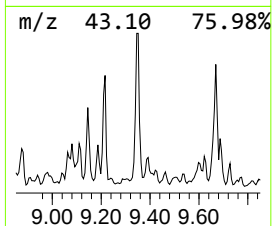
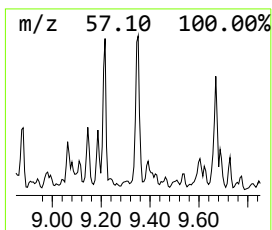
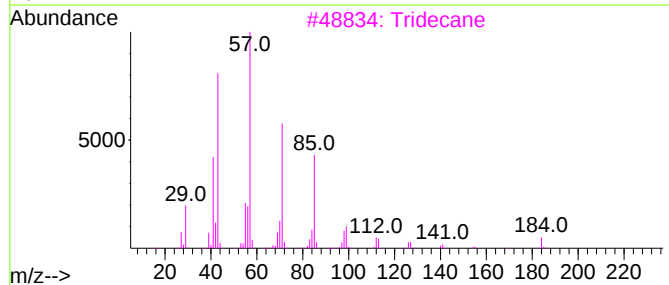
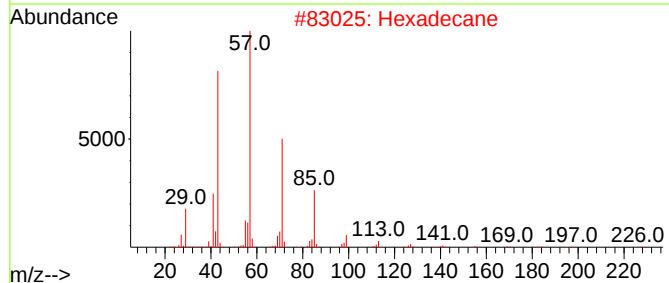
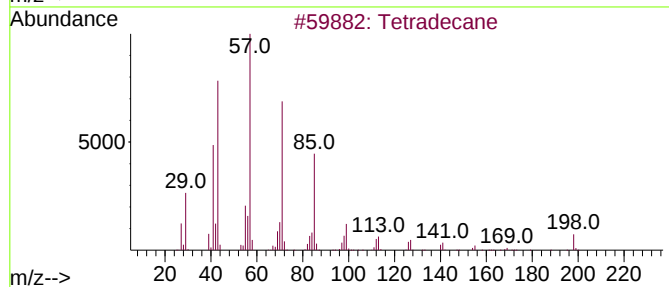
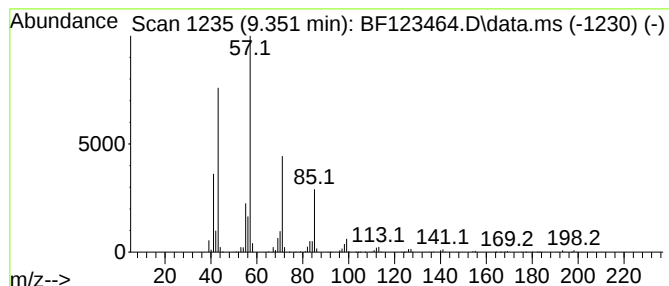
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	49.83 ng	5169130	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Dodecane	170	C12H26	000112-40-3	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

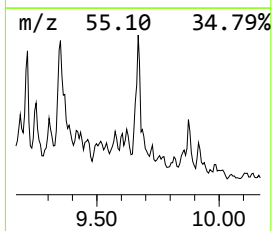
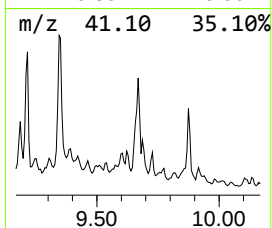
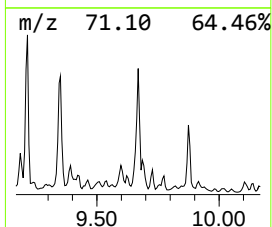
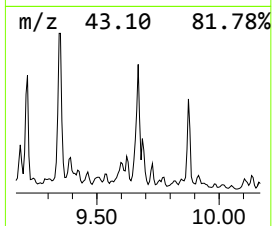
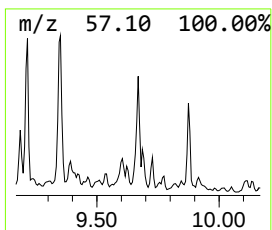
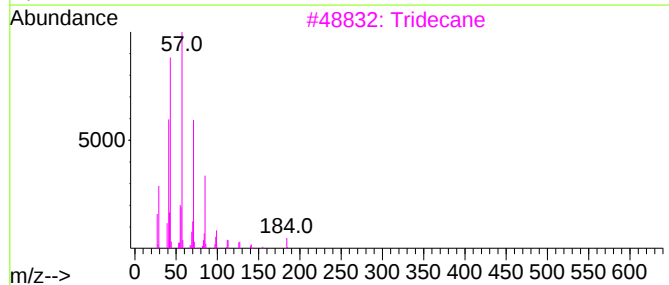
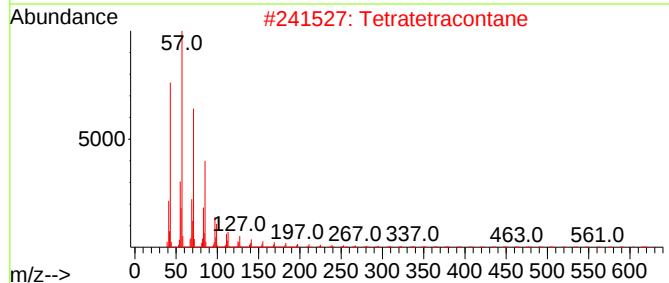
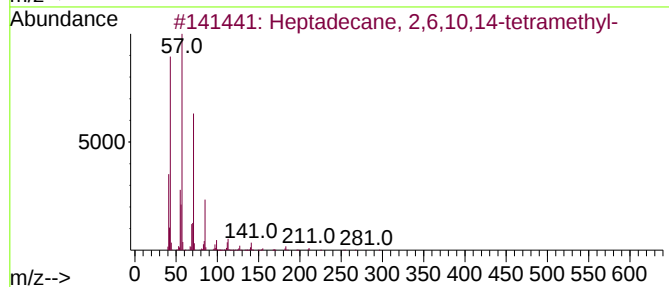
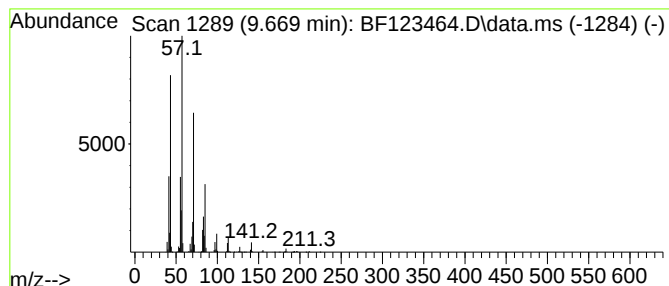
Instrument :
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ClientSampleId :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.669	40.50 ng	4201240	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5	Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
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Instrument :
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ClientSampleId :
FS-SB-15-21-22

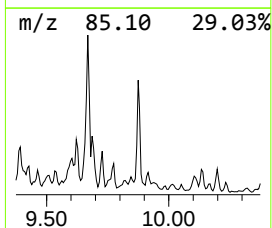
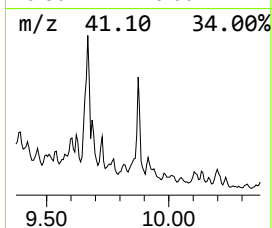
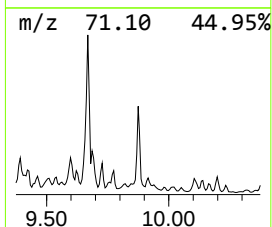
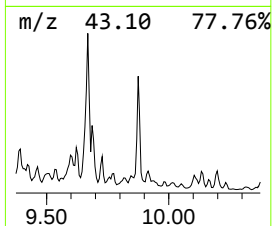
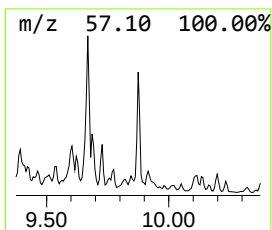
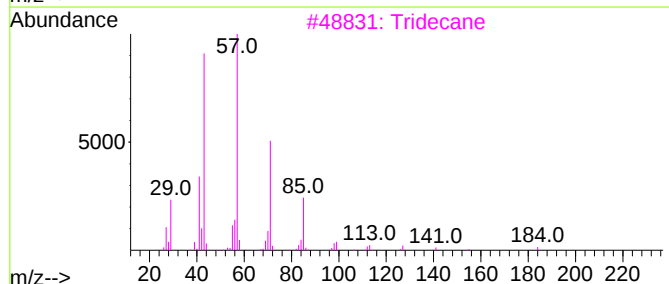
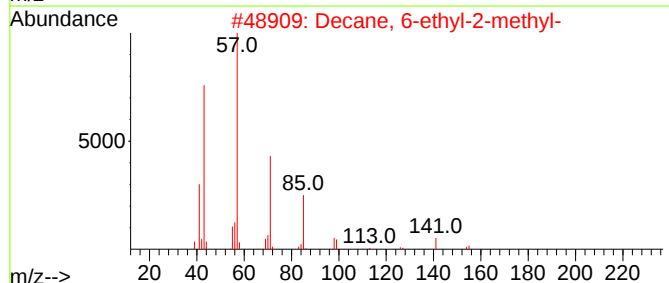
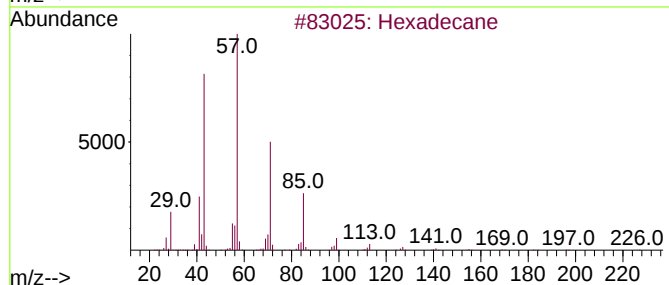
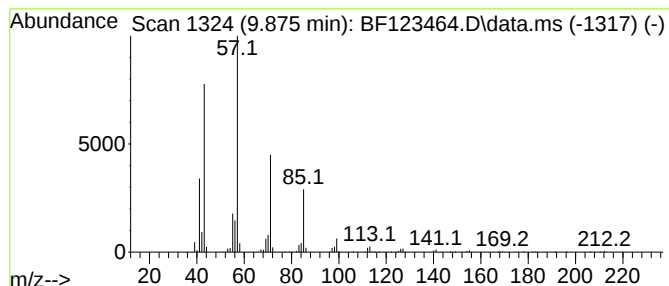
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	24.18 ng	2508580	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3		Tridecane	184	C13H28	000629-50-5	78
4		Pentadecane	212	C15H32	000629-62-9	76
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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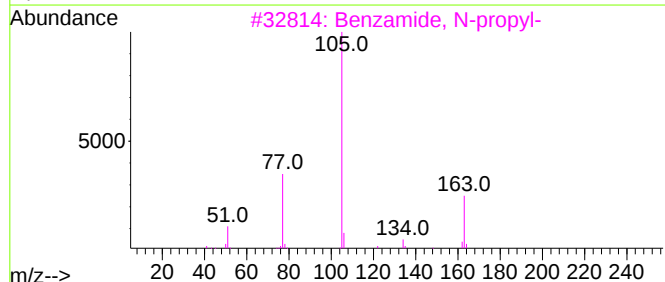
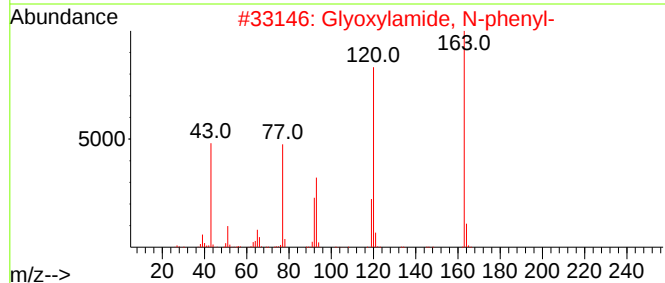
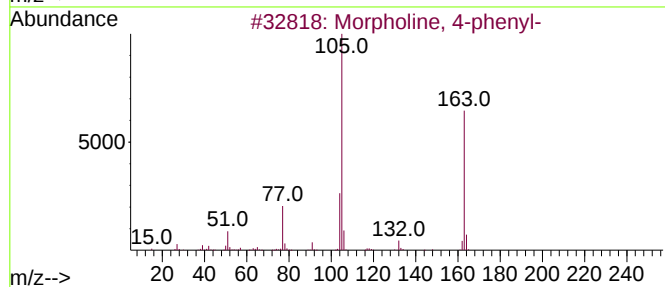
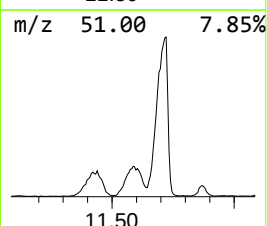
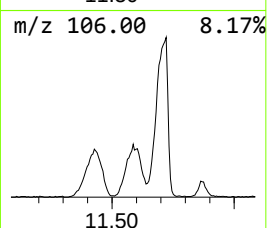
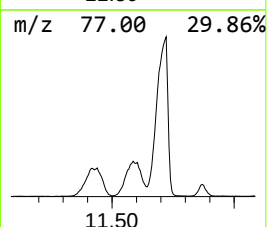
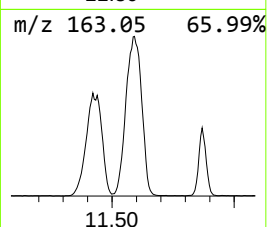
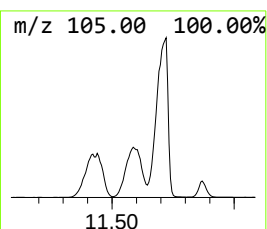
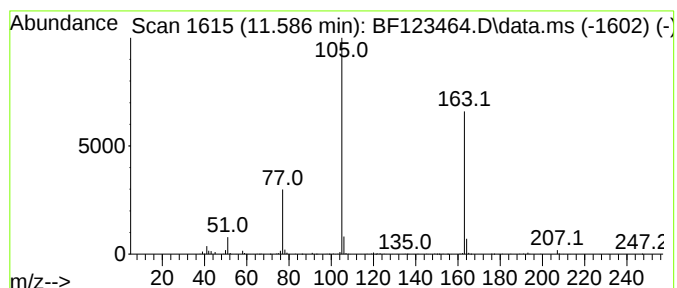
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Morpholine, 4-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.586	15.76 ng	4199150	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-		163	C10H13NO	000092-53-5	64
2	Glyoxylamide, N-phenyl-		163	C9H9NO2	032331-52-5	50
3	Benzamide, N-propyl-		163	C10H13NO	010546-70-0	50
4	.delta.2-1,3,4-Oxadiazolin-5-one...		163	C7H5N3O2	002845-82-1	43
5	3-(Benzoylthio)-2-methylpropanoi...		224	C11H12O3S	067714-34-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Acq On : 25 Mar 2021 16:33
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
FS-SB-15-21-22

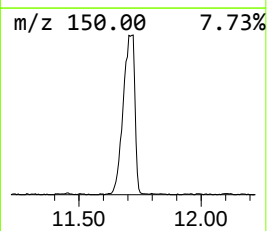
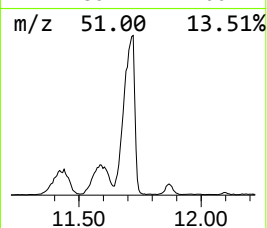
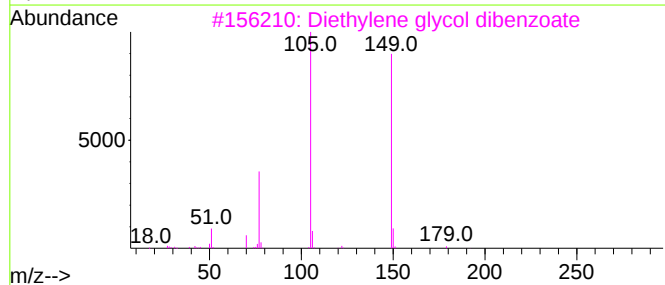
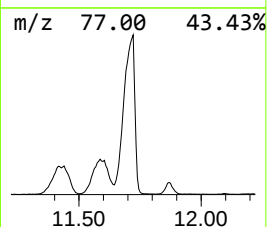
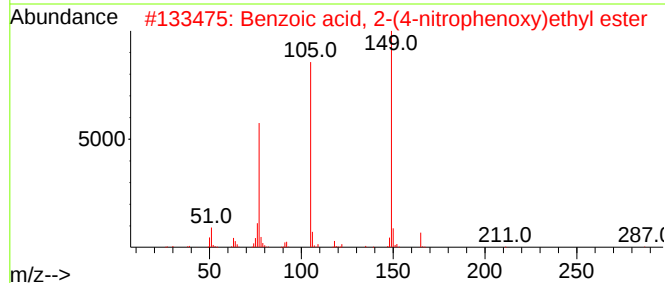
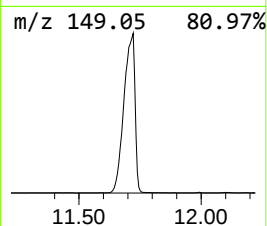
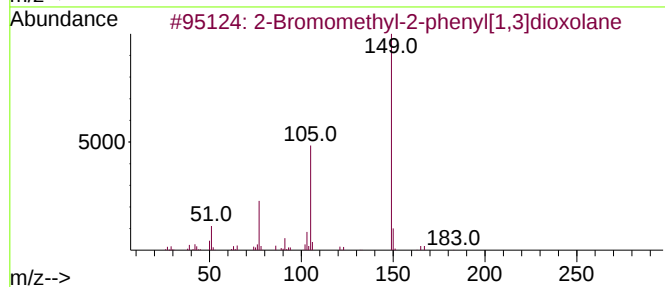
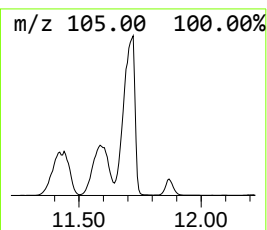
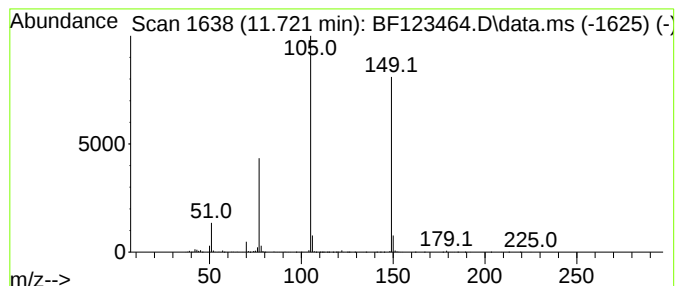
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2-Bromomethyl-2-phenyl[1,3]... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	40.00 ng	10654300	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromomethyl-2-phenyl[1,3]dioxo...	242	C10H11BrO2	003418-21-1	78
2		Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72
3		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	59
4		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5		2-Bromoisobutyrophenone	226	C10H11BrO	010409-54-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Sample : M1749-02
Misc :
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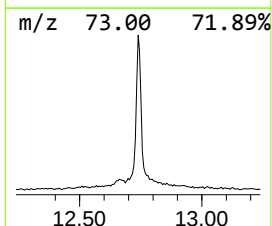
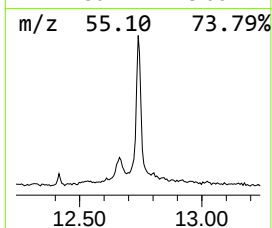
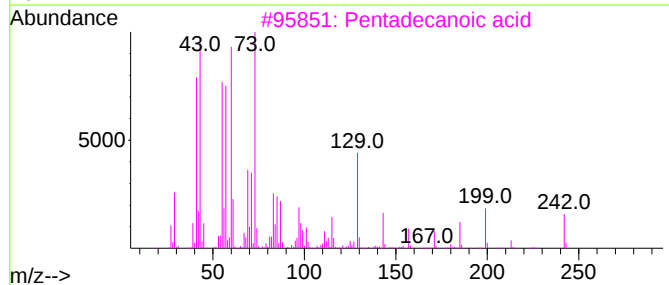
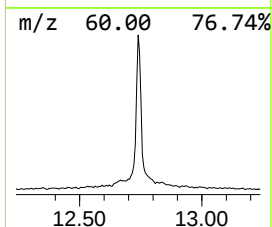
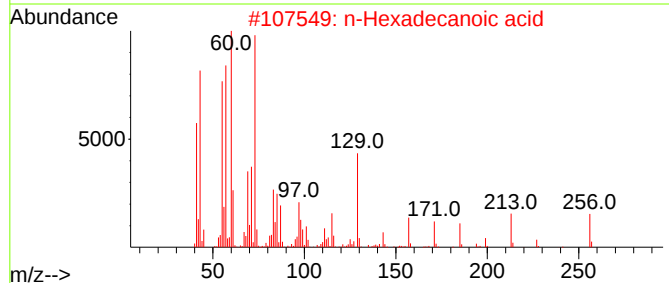
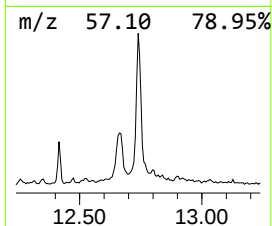
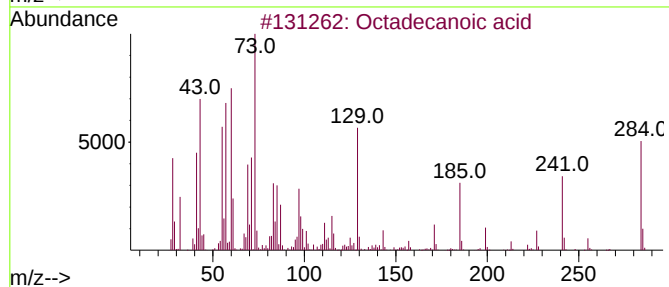
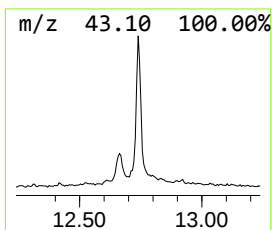
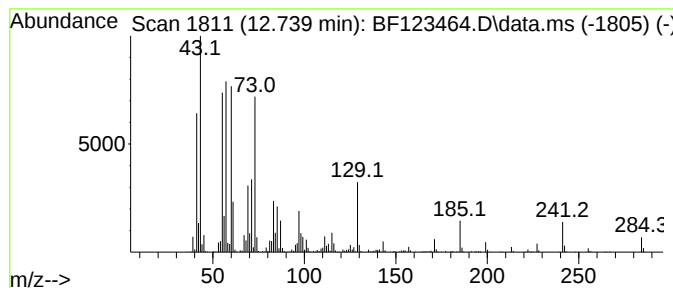
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ClientSampleId :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.739	9.08 ng	2419350	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

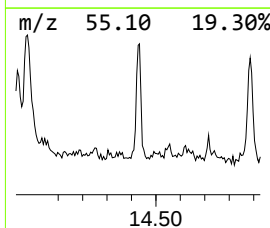
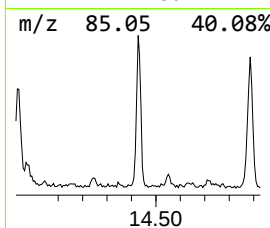
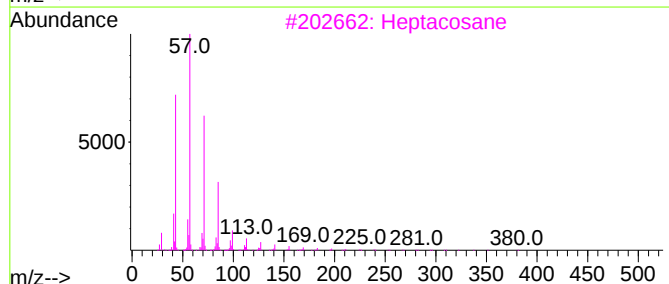
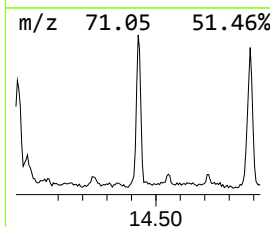
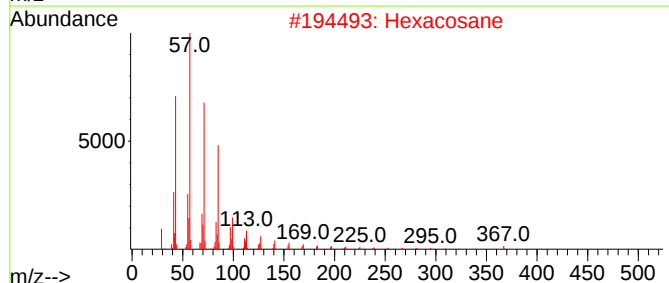
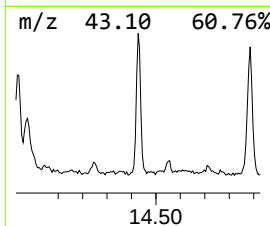
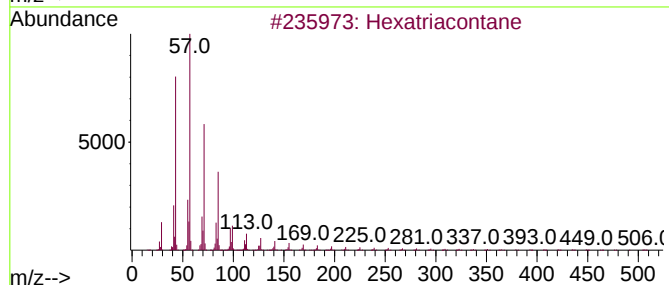
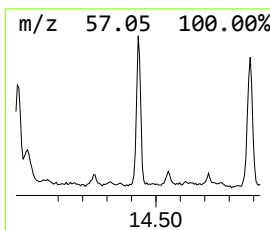
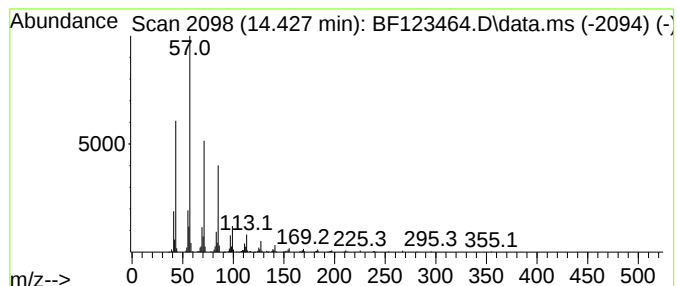
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexatriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	10.29 ng	597531	Chrysene-d12	14.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptacosane	380	C27H56	000593-49-7	87
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

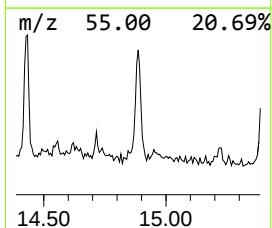
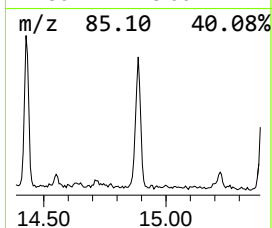
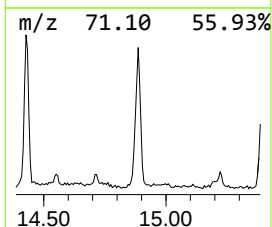
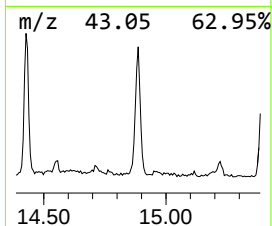
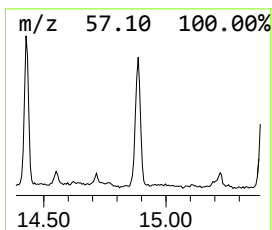
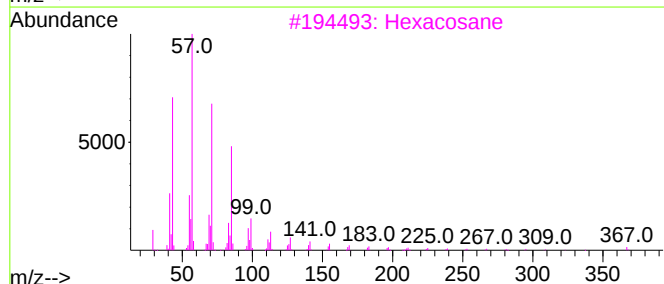
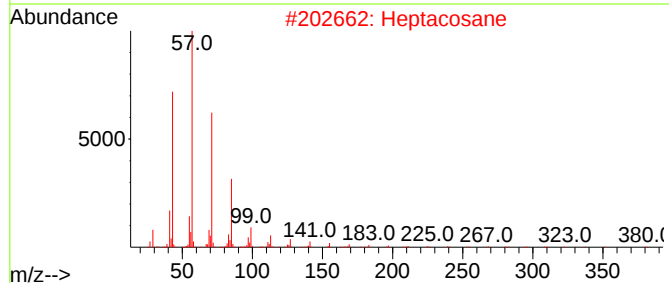
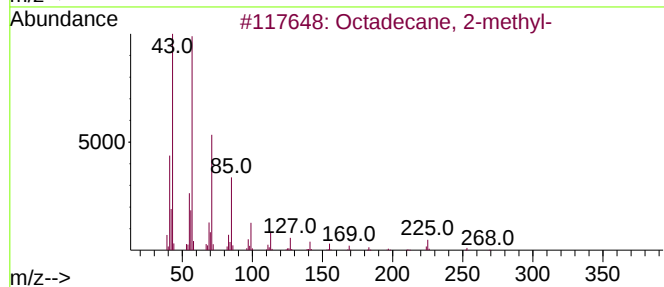
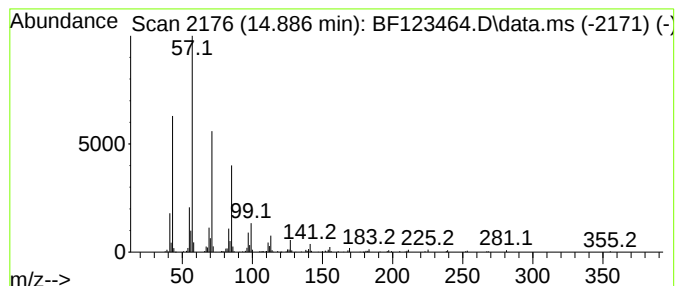
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ClientSampleId :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.886	11.88 ng	629791	Perylene-d12		15.574	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-		268	C19H40	001560-88-9	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

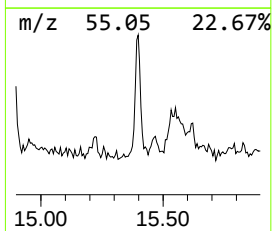
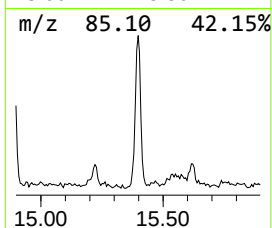
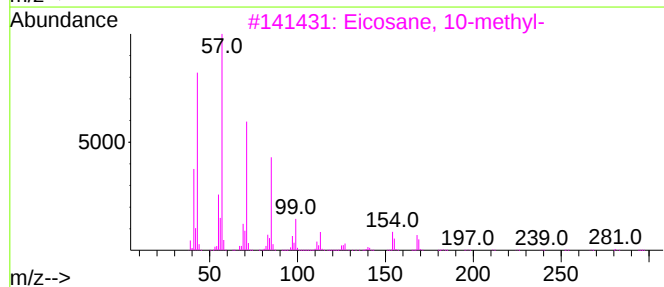
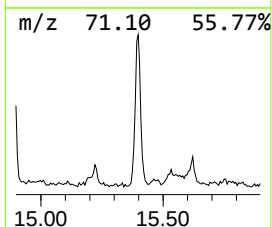
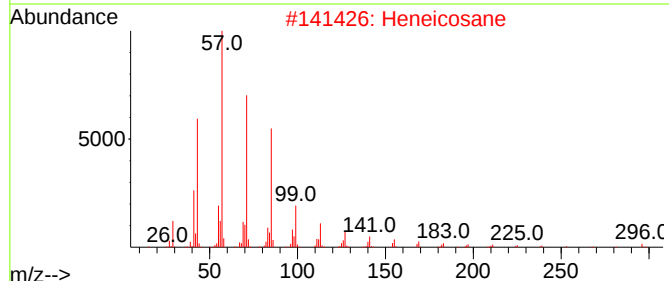
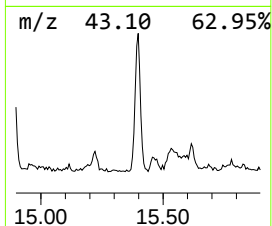
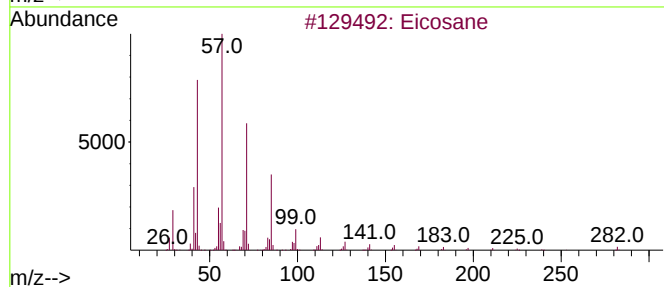
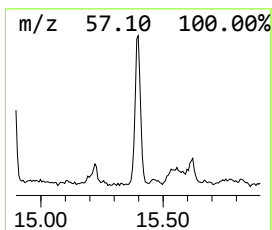
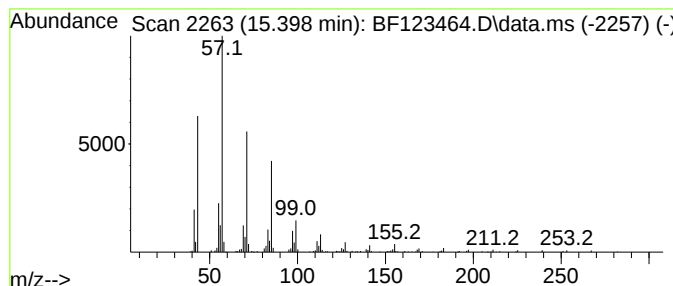
Instrument :
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ClientSampleId :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.398	10.78 ng	571393	Perylene-d12	15.574	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123464.D
Acq On : 25 Mar 2021 16:33
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

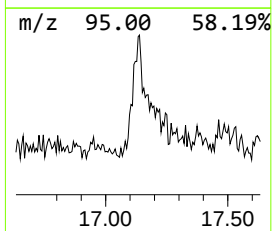
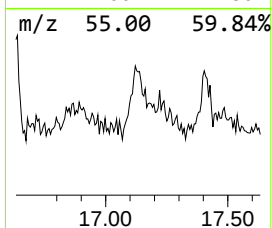
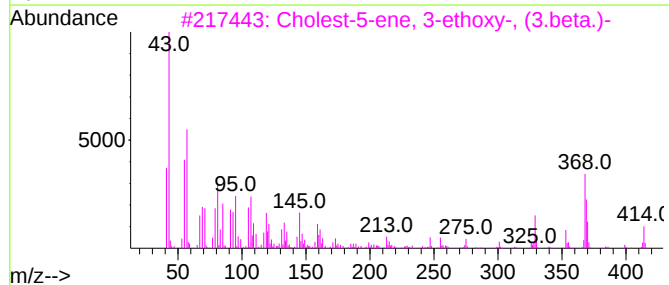
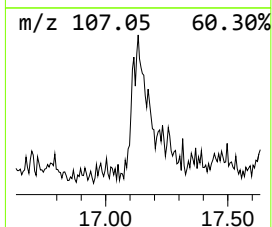
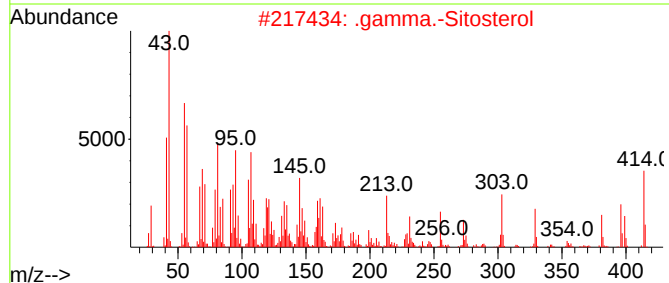
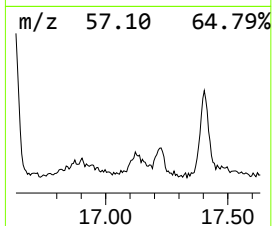
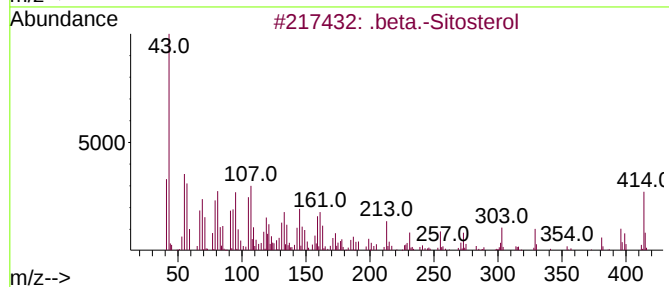
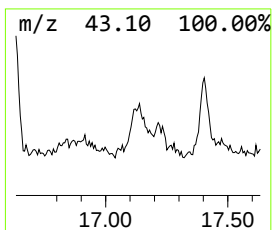
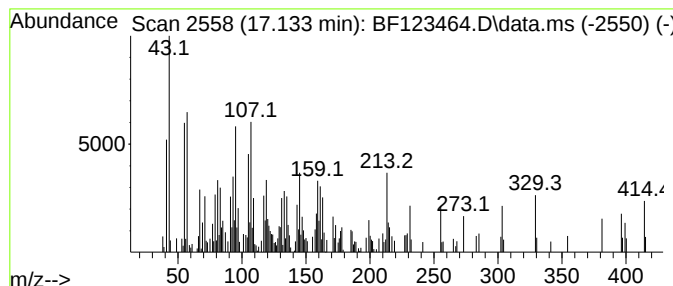
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .beta.-Sitosterol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.133	9.82 ng	520657	Perylene-d12		15.574	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	93
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
3		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	83
4		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	46
5		Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123464.D
 Acq On : 25 Mar 2021 16:33
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.210	24.0	ng	1627190	1	6.898	1357820	20.0
Undecane, 2,6-d...	8.251	12.7	ng	2096720	2	8.186	3294000	20.0
Cyclohexane, (2...	8.481	13.8	ng	2274330	2	8.186	3294000	20.0
Octane, 3,6-dim...	8.610	23.7	ng	3898650	2	8.186	3294000	20.0
Tridecane	8.781	24.7	ng	4062900	2	8.186	3294000	20.0
Oxalic acid, is...	8.875	11.3	ng	1855650	2	8.186	3294000	20.0
Undecane, 3,6-d...	9.063	12.1	ng	1998240	2	8.186	3294000	20.0
Cyclohexane, pe...	9.098	17.8	ng	1846270	3	9.945	2074740	20.0
Tridecane, 2-me...	9.145	14.9	ng	1544400	3	9.945	2074740	20.0
Dodecane, 3-met...	9.186	12.1	ng	1258270	3	9.945	2074740	20.0
Tetradecane	9.351	49.8	ng	5169130	3	9.945	2074740	20.0
Heptadecane, 2,...	9.669	40.5	ng	4201240	3	9.945	2074740	20.0
Hexadecane	9.875	24.2	ng	2508580	3	9.945	2074740	20.0
Morpholine, 4-p...	11.586	15.8	ng	4199150	4	11.433	5327620	20.0
2-Bromomethyl-2...	11.722	40.0	ng	10654300	4	11.433	5327620	20.0
Octadecanoic acid	12.739	9.1	ng	2419350	4	11.433	5327620	20.0
Hexatriacontane	14.427	10.3	ng	597531	5	14.074	1161950	20.0
Octadecane, 2-m...	14.886	11.9	ng	629791	6	15.574	1060010	20.0
Eicosane	15.398	10.8	ng	571393	6	15.574	1060010	20.0
.beta.-Sitosterol	17.133	9.8	ng	520657	6	15.574	1060010	20.0