

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121729.D
 Acq On : 29 Sep 2020 14:13
 Operator : JU/CG
 Sample : L4154-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.398	559	563	567	rBV	2853637	2775512	36.13%	1.756%
2	6.416	732	736	741	rBV	2648266	2860212	37.23%	1.810%
3	6.622	766	771	773	rBV2	884210	826342	10.76%	0.523%
4	6.781	794	798	805	rVB2	1142770	1443701	18.79%	0.913%
5	7.057	840	845	848	rVB2	537680	675796	8.80%	0.428%
6	7.092	848	851	854	rBV2	341285	431829	5.62%	0.273%
7	7.122	854	856	860	rVB2	362334	349777	4.55%	0.221%
8	7.175	861	865	868	rBV2	714640	648785	8.44%	0.411%
9	7.322	884	890	891	rBV2	477624	691214	9.00%	0.437%
10	7.345	891	894	897	rVB	1810937	1591006	20.71%	1.007%
11	7.386	897	901	904	rVB	2362594	2095560	27.28%	1.326%
12	7.433	904	909	912	rVB4	535479	755451	9.83%	0.478%
13	7.475	912	916	917	rBV4	289038	388868	5.06%	0.246%
14	7.498	917	920	924	rVB3	377466	369996	4.82%	0.234%
15	7.569	929	932	933	rBV3	376963	335396	4.37%	0.212%
16	7.592	933	936	939	rVB2	635785	671807	8.74%	0.425%
17	7.710	954	956	960	rVB3	656510	662785	8.63%	0.419%
18	7.757	960	964	966	rVB2	604728	701031	9.12%	0.444%
19	7.786	966	969	971	rBV	693034	646028	8.41%	0.409%
20	7.822	971	975	979	rVB3	1012011	1333698	17.36%	0.844%
21	7.869	979	983	984	rBV	535267	509447	6.63%	0.322%
22	7.939	992	995	999	rBV2	398104	615783	8.02%	0.390%
23	8.022	1004	1009	1011	rBV4	356041	574540	7.48%	0.364%
24	8.057	1011	1015	1020	rBV2	4066101	4478780	58.30%	2.834%
25	8.133	1023	1028	1031	rVB2	1897946	1842811	23.99%	1.166%
26	8.163	1031	1033	1036	rBV2	372431	372520	4.85%	0.236%
27	8.239	1040	1046	1049	rBV5	476290	1067791	13.90%	0.676%
28	8.275	1049	1052	1055	rVB2	862540	821375	10.69%	0.520%
29	8.363	1062	1067	1070	rBV5	979028	1696110	22.08%	1.073%
30	8.416	1074	1076	1079	rBV3	841280	782261	10.18%	0.495%
31	8.451	1079	1082	1085	rVB	1408000	1314258	17.11%	0.832%
32	8.498	1085	1090	1095	rBV	3098012	3810395	49.60%	2.411%
33	8.575	1099	1103	1106	rBV2	876149	928107	12.08%	0.587%
34	8.616	1106	1110	1114	rBV4	824031	1158210	15.08%	0.733%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.675	1114	1120	1123	rBV	4477327	5219325	67.94%	3.302%
36	8.728	1127	1129	1132	rVB2	434976	349122	4.54%	0.221%
37	8.763	1132	1135	1138	rVB	1117549	1101768	14.34%	0.697%
38	8.822	1142	1145	1148	rBV3	396737	442161	5.76%	0.280%
39	8.863	1148	1152	1153	rBV3	420785	627003	8.16%	0.397%
40	8.898	1156	1158	1160	rVB2	527698	391448	5.10%	0.248%
41	8.951	1164	1167	1169	rBV2	1146236	1148841	14.95%	0.727%
42	8.998	1174	1175	1177	rVV	766426	489283	6.37%	0.310%
43	9.033	1178	1181	1184	rVB	1558422	1354388	17.63%	0.857%
44	9.075	1184	1188	1189	rBV2	1120775	1200699	15.63%	0.760%
45	9.098	1189	1192	1196	rVV	3113869	3146699	40.96%	1.991%
46	9.145	1197	1200	1203	rVB	2658390	2556938	33.28%	1.618%
47	9.239	1210	1216	1219	rBV	5314667	7682741	100.00%	4.861%
48	9.280	1219	1223	1225	rBV3	650136	911376	11.86%	0.577%
49	9.486	1256	1258	1260	rBV3	1115849	1019485	13.27%	0.645%
50	9.510	1260	1262	1264	rVB	1118556	856617	11.15%	0.542%
51	9.557	1264	1270	1272	rBV2	3775289	5475394	71.27%	3.464%
52	9.575	1272	1273	1276	rVV	1566170	1270920	16.54%	0.804%
53	9.616	1277	1280	1282	rVB2	1233292	1103665	14.37%	0.698%
54	9.704	1290	1295	1297	rBV4	880371	1496692	19.48%	0.947%
55	9.739	1299	1301	1303	rVV	1470034	1565549	20.38%	0.991%
56	9.774	1303	1307	1310	rVV	5291942	5982859	77.87%	3.786%
57	9.810	1310	1313	1314	rVV2	1188741	1407105	18.32%	0.890%
58	9.827	1314	1316	1319	rVB	1451711	1247851	16.24%	0.790%
59	9.869	1321	1323	1325	rBV3	446814	340894	4.44%	0.216%
60	9.939	1332	1335	1338	rVB3	753629	783284	10.20%	0.496%
61	9.992	1341	1344	1347	rVV3	1107790	1592543	20.73%	1.008%
62	10.027	1347	1350	1352	rVV2	1514127	1550462	20.18%	0.981%
63	10.051	1352	1354	1356	rVV	826196	723260	9.41%	0.458%
64	10.086	1356	1360	1363	rVB3	2018028	2404595	31.30%	1.521%
65	10.122	1363	1366	1368	rVB	1016202	810951	10.56%	0.513%
66	10.145	1368	1370	1372	rBV	660360	663861	8.64%	0.420%
67	10.204	1377	1380	1383	rVB3	662781	734129	9.56%	0.465%
68	10.274	1383	1392	1394	rBV	5011420	6956546	90.55%	4.402%
69	10.369	1406	1408	1410	rBV2	490136	511588	6.66%	0.324%
70	10.486	1422	1428	1434	rBV	3770504	5553053	72.28%	3.514%
71	10.533	1434	1436	1439	rVB	859473	812660	10.58%	0.514%

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72	10.569	1439	1442	1445	rBV2	1170367	1191163	15.50%	0.754%
73	10.604	1445	1448	1449	rBV	1153592	1071492	13.95%	0.678%
74	10.745	1467	1472	1473	rBV	4643707	5781532	75.25%	3.658%
75	10.927	1500	1503	1505	rBV	862150	879491	11.45%	0.556%
76	10.992	1512	1514	1516	rVB	530439	349662	4.55%	0.221%
77	11.192	1543	1548	1550	rBV	4156964	4541553	59.11%	2.874%
78	11.221	1550	1553	1558	rVB	3550541	3816810	49.68%	2.415%
79	11.316	1566	1569	1571	rBV2	1004258	1021949	13.30%	0.647%
80	11.457	1590	1593	1596	rVV	528941	477768	6.22%	0.302%
81	11.492	1597	1599	1602	rVB	802541	629329	8.19%	0.398%
82	11.563	1608	1611	1614	rVB	1144513	1150255	14.97%	0.728%
83	11.616	1616	1620	1623	rVB	4017198	3882025	50.53%	2.456%
84	11.774	1644	1647	1648	rBV	439974	459772	5.98%	0.291%
85	11.904	1667	1669	1670	rBV	432517	335044	4.36%	0.212%
86	12.016	1685	1688	1691	rVB	3326412	3194202	41.58%	2.021%
87	12.292	1732	1735	1738	rBV2	739888	714757	9.30%	0.452%
88	12.363	1744	1747	1750	rVB2	564899	589162	7.67%	0.373%
89	12.404	1750	1754	1757	rBV	3127605	2803077	36.49%	1.774%
90	12.645	1791	1795	1798	rVB	1739055	1679489	21.86%	1.063%
91	12.751	1810	1813	1814	rBV	596931	506560	6.59%	0.321%
92	12.774	1814	1817	1820	rVB	2357665	2041819	26.58%	1.292%
93	12.898	1833	1838	1845	rVB	2694703	3025577	39.38%	1.914%
94	13.127	1873	1877	1881	rBV	1451220	1361167	17.72%	0.861%
95	13.468	1931	1935	1938	rBV	881176	857593	11.16%	0.543%
96	13.792	1987	1990	2000	rVB4	701026	1105960	14.40%	0.700%
97	13.945	2011	2016	2018	rBV2	1047910	1203599	15.67%	0.762%
98	14.968	2187	2190	2197	rVB	331252	597070	7.77%	0.378%
99	15.321	2247	2250	2256	rBV	217576	334881	4.36%	0.212%
100	15.386	2257	2261	2264	rBV	570467	729372	9.49%	0.461%

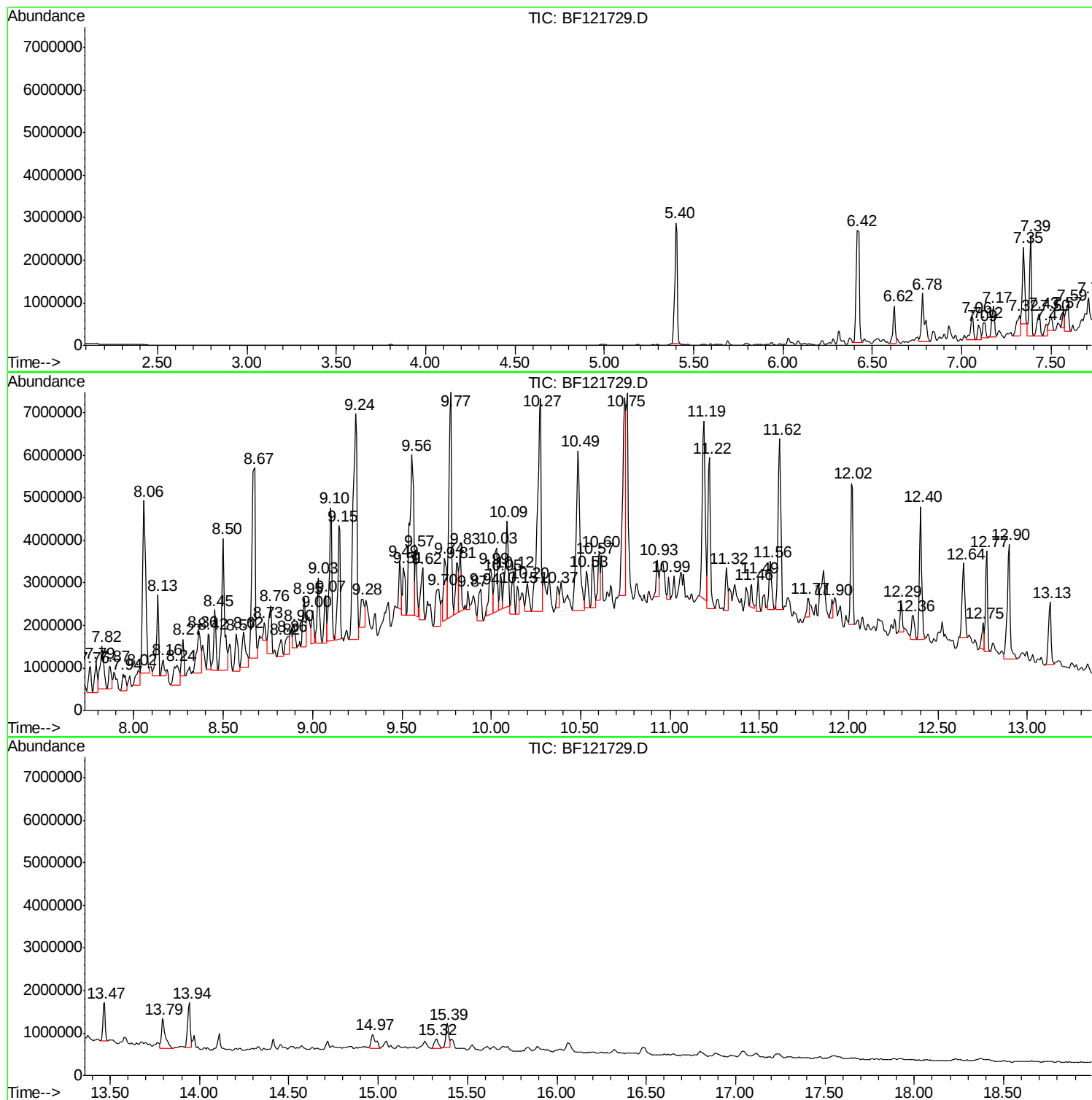
Sum of corrected areas: 158045067

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Instrument :
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ClientSampled :
DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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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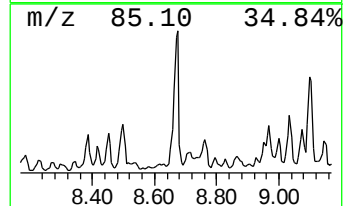
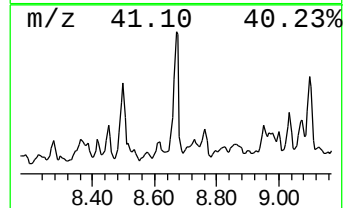
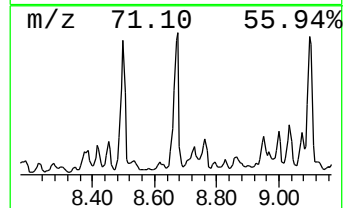
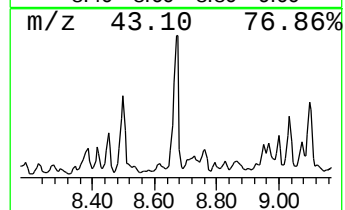
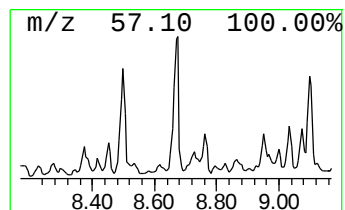
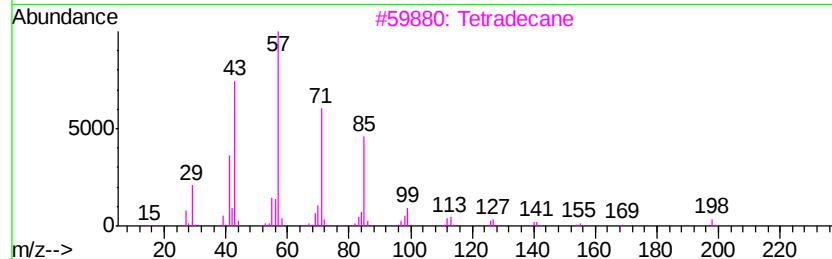
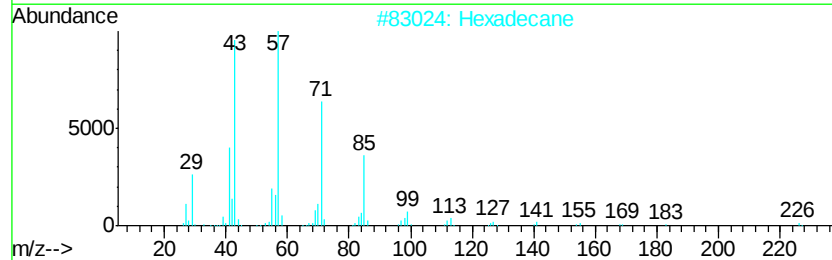
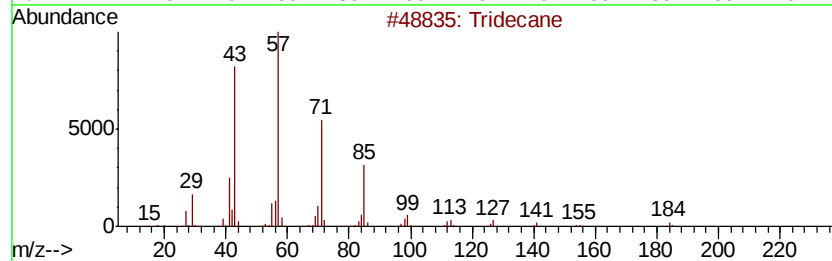
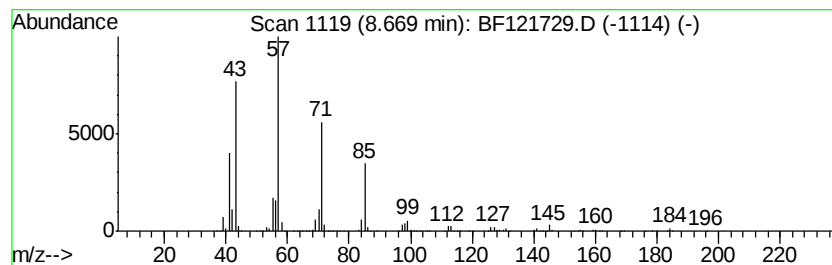
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	23.31 ng	5219330	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90



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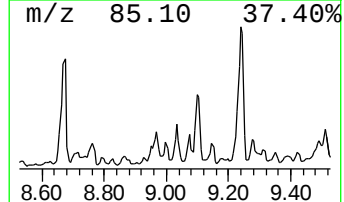
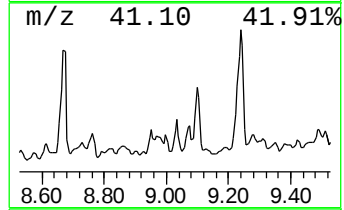
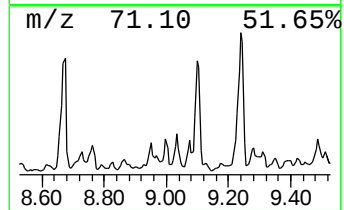
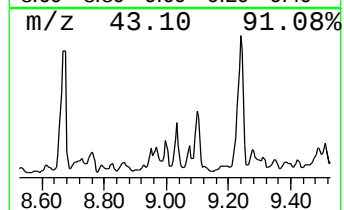
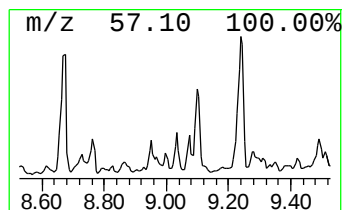
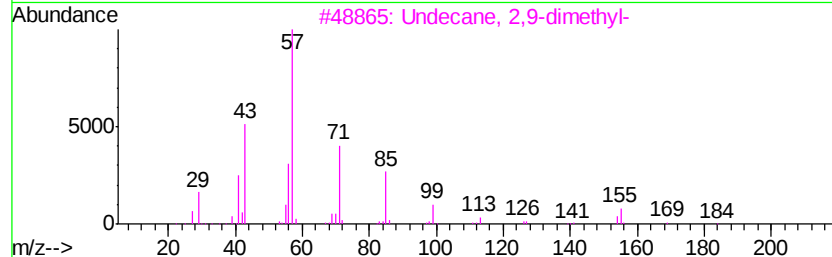
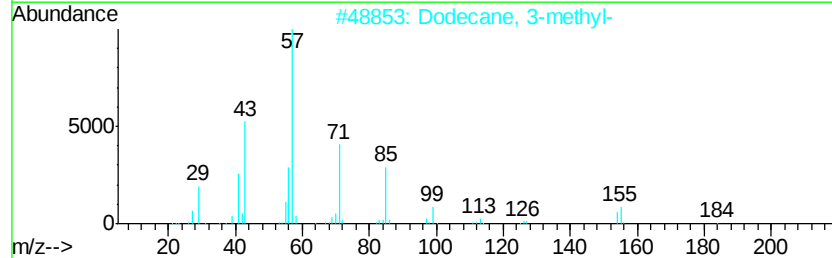
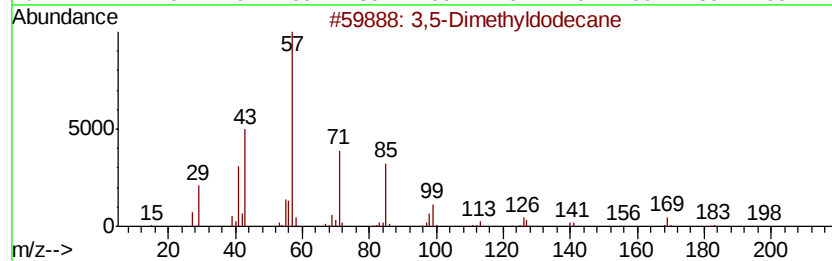
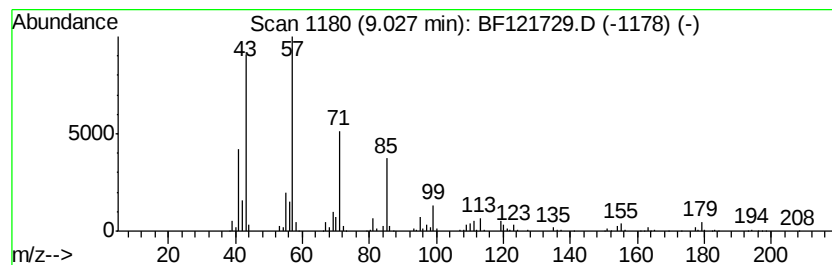
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3,5-Dimethyldodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.03	21.71 ng	1354390	Acenaphthene-d10		9.83		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



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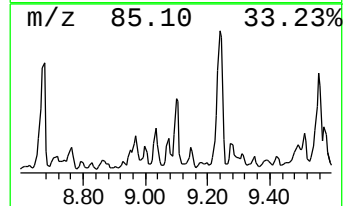
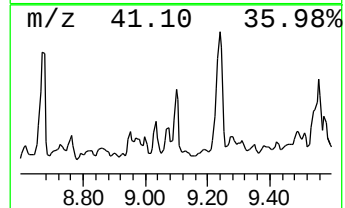
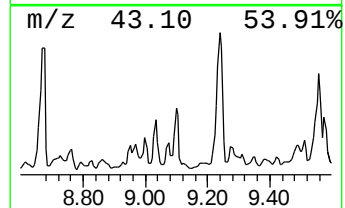
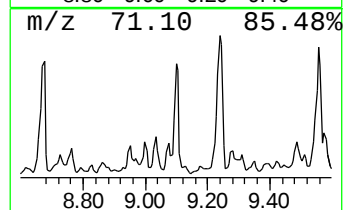
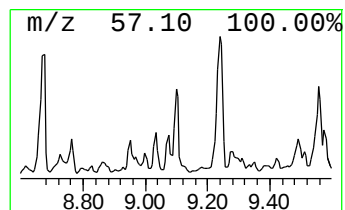
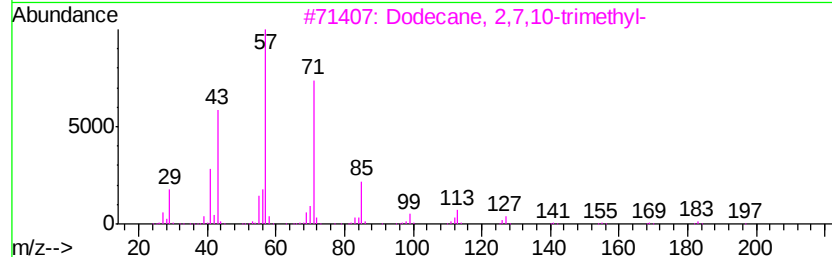
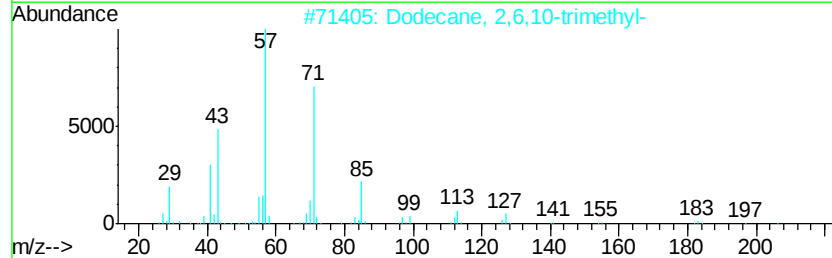
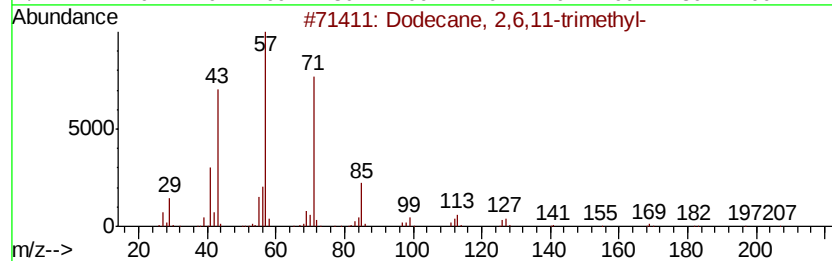
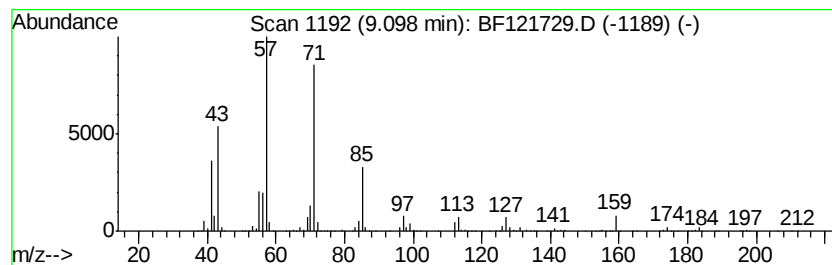
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	50.43 ng	3146700	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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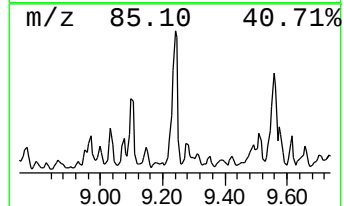
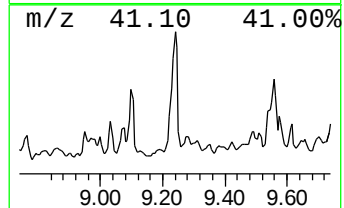
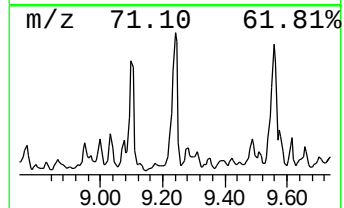
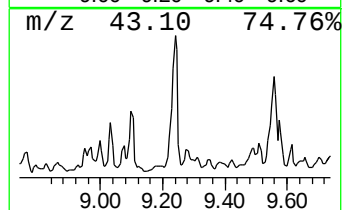
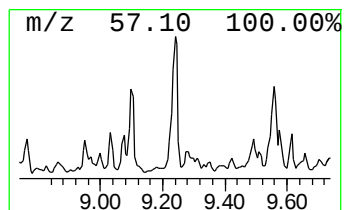
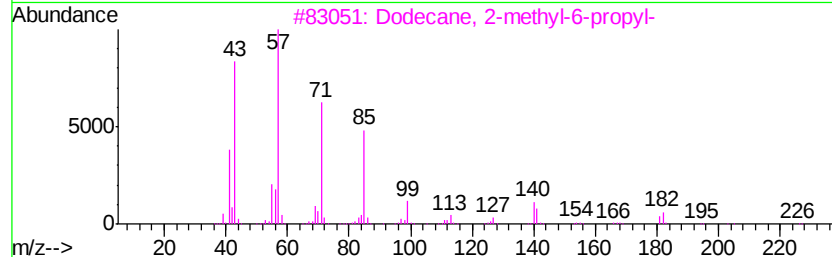
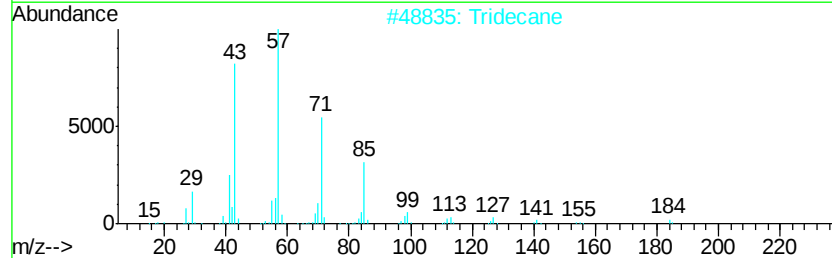
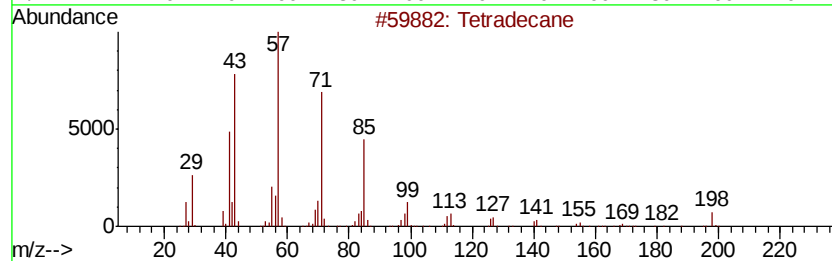
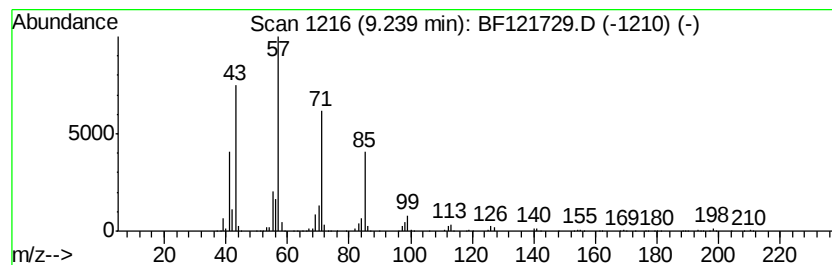
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	123.14 ng	7682740	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	72
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
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Misc :
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Instrument :
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ClientSampled :
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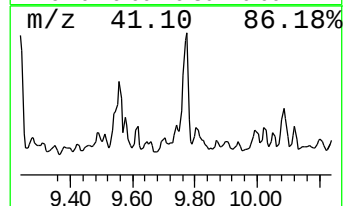
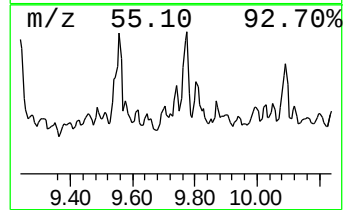
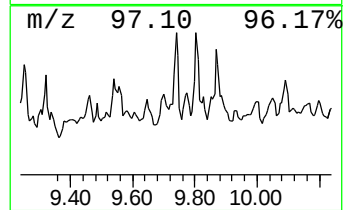
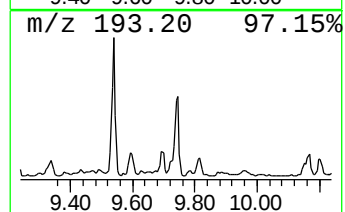
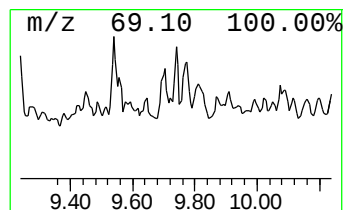
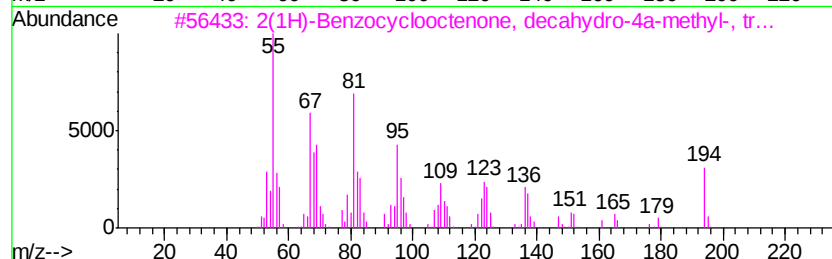
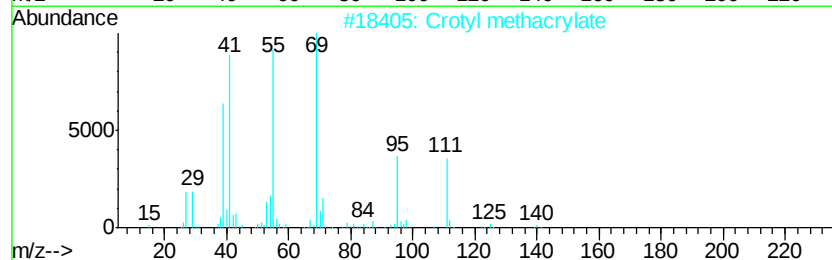
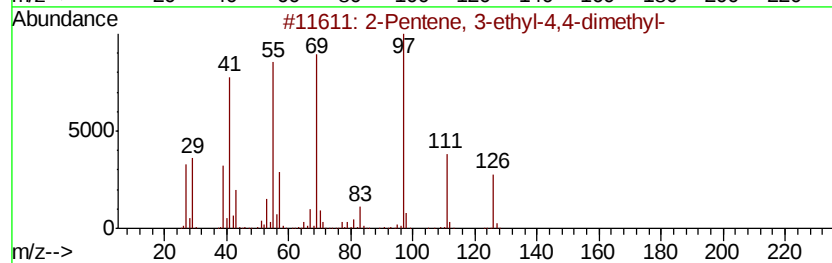
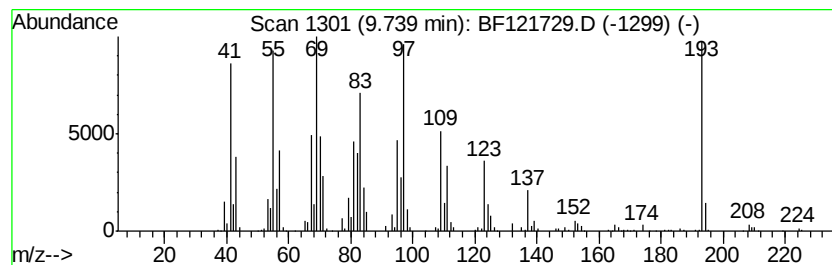
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	25.09 ng	1565550	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18		053907-59-8	35
2	Crotyl methacrylate	140	C8H12O2		007376-45-6	30
3	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O		055103-66-7	25
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16		069147-03-1	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26		054824-04-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
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Sample : L4154-04
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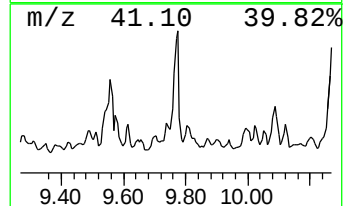
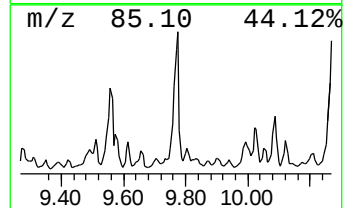
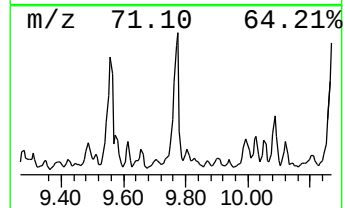
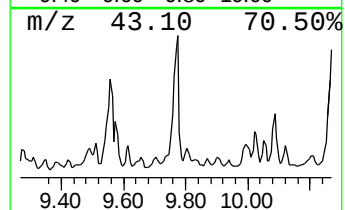
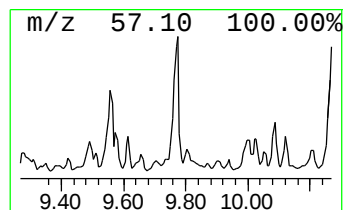
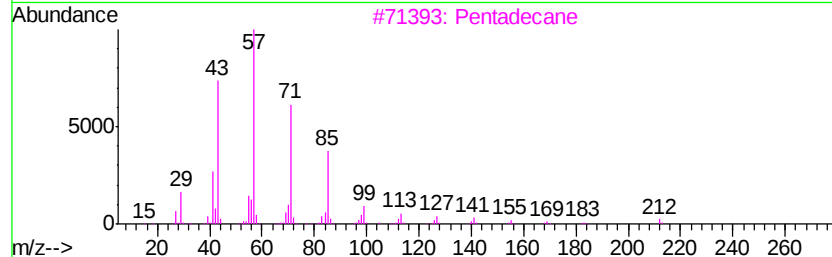
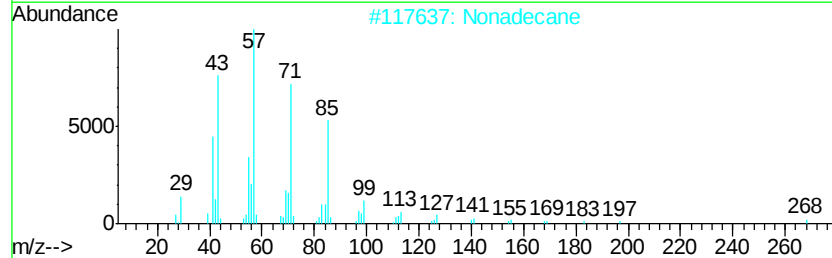
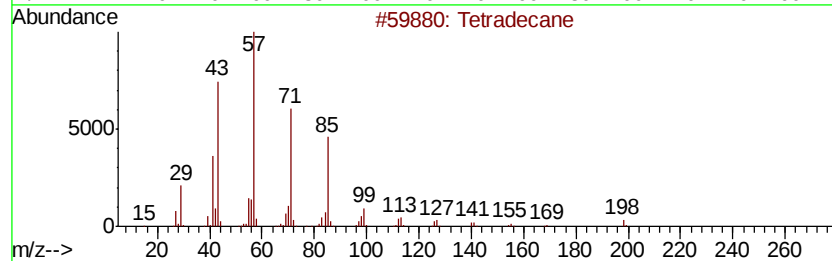
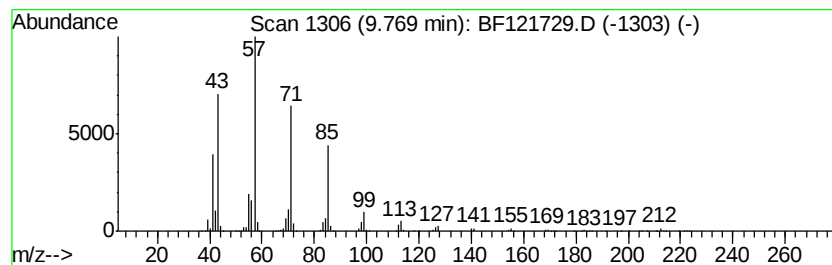
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	95.89 ng	5982860	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Pentadecane	212	C15H32	000629-62-9	87
4		Hexadecane	226	C16H34	000544-76-3	80
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
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Misc :
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Instrument :
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ClientSampleId :
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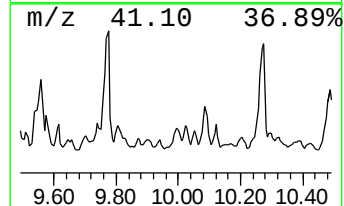
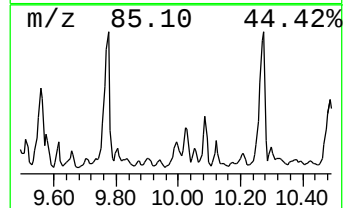
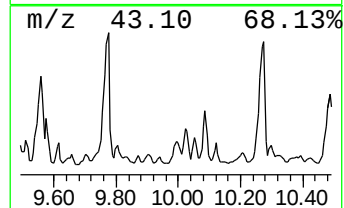
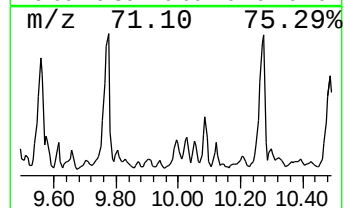
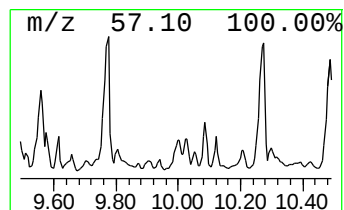
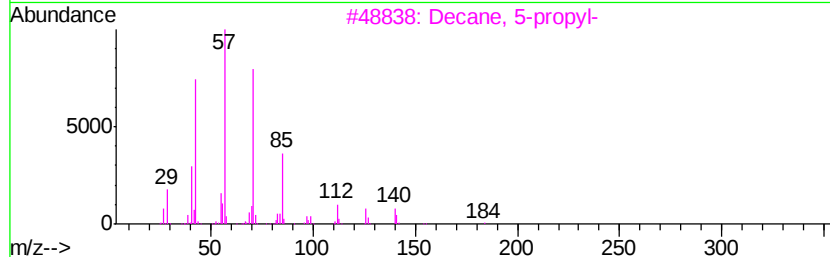
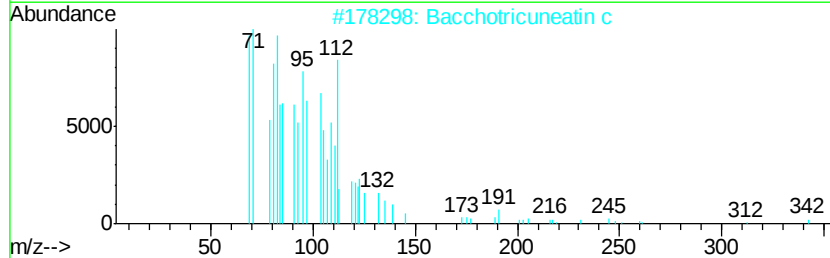
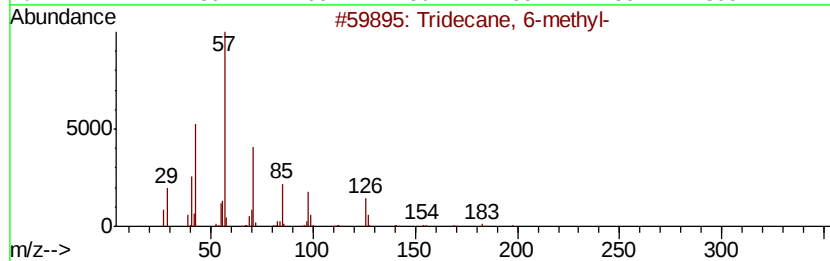
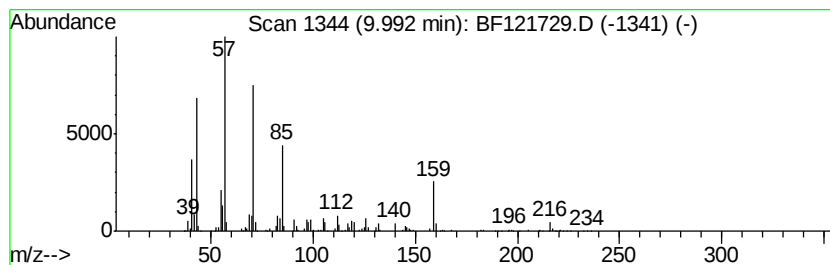
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	25.52 ng	1592540	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
3		Decane, 5-propyl-	184	C13H28	017312-62-8	50
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5		9-methylheptadecane	254	C18H38	026741-18-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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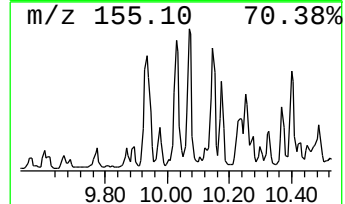
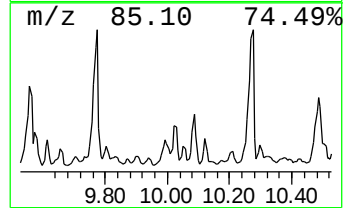
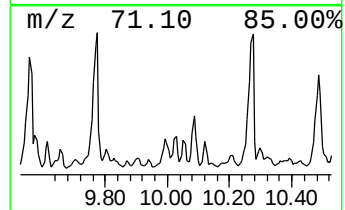
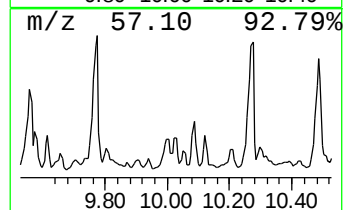
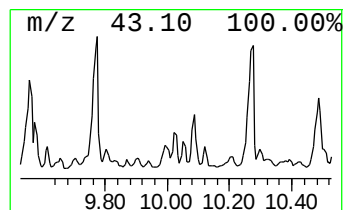
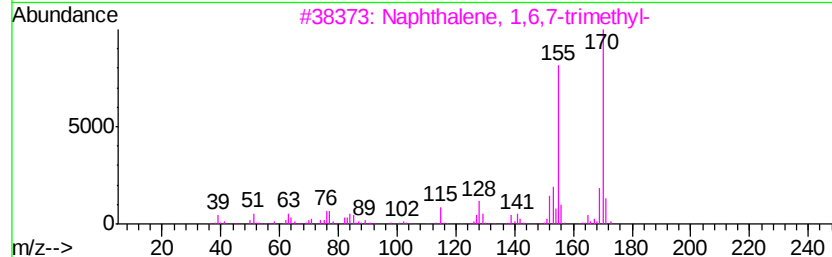
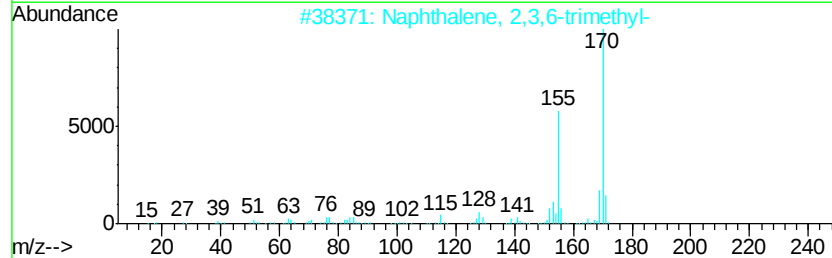
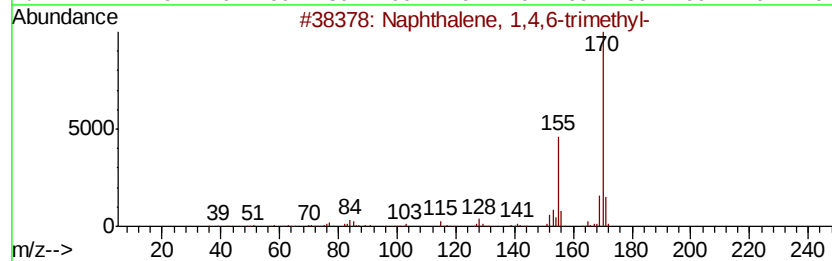
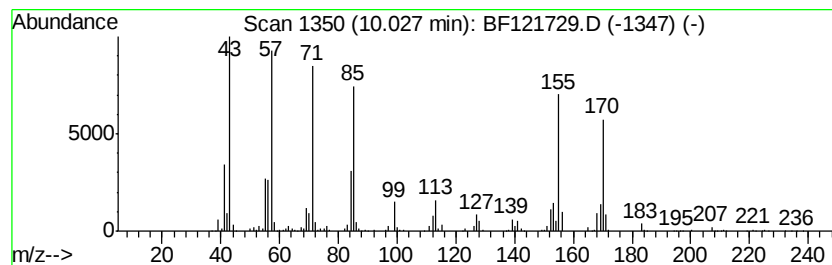
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	24.85 ng	1550460	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	52
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
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ClientSampleId :
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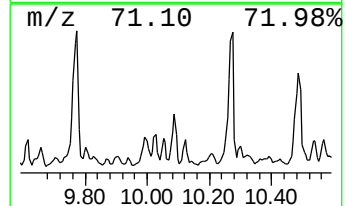
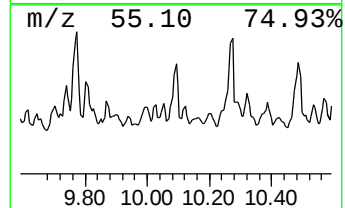
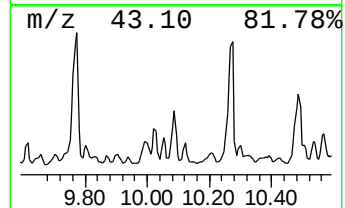
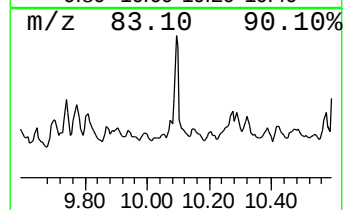
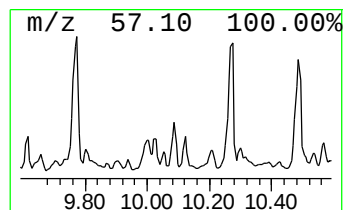
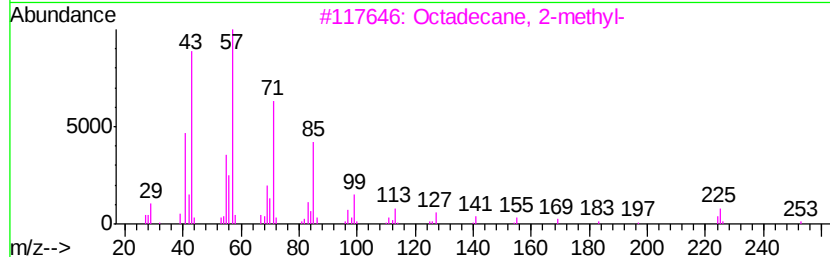
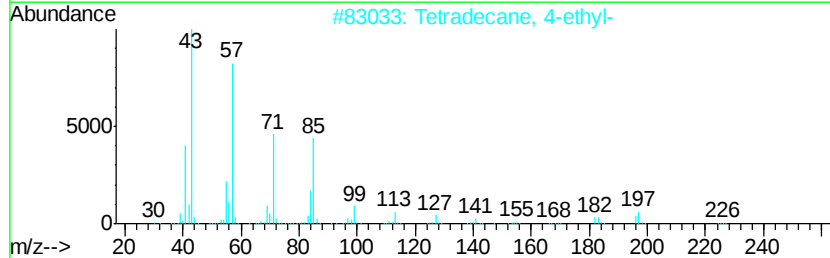
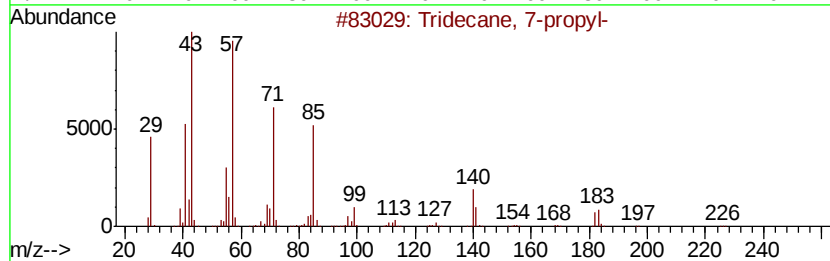
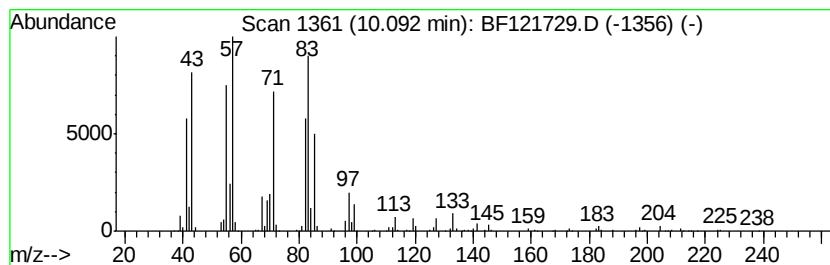
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 7-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	38.54 ng	2404600	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

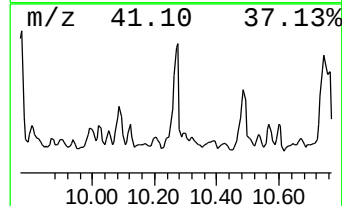
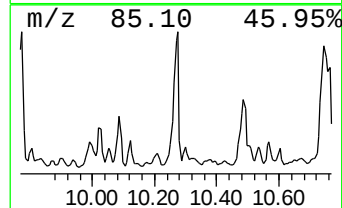
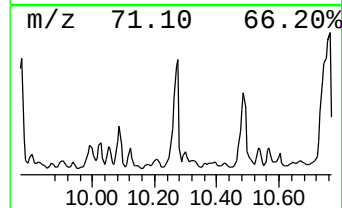
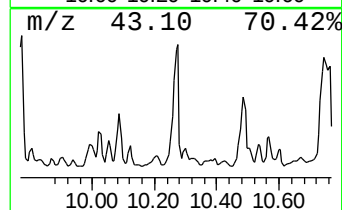
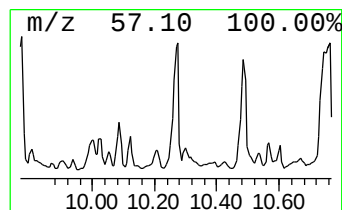
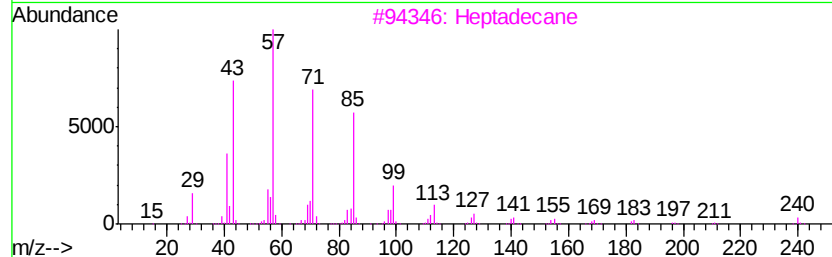
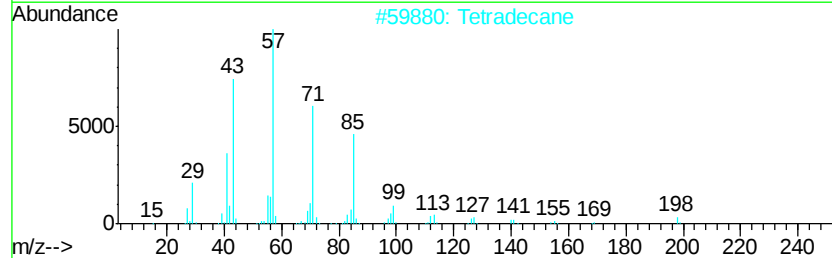
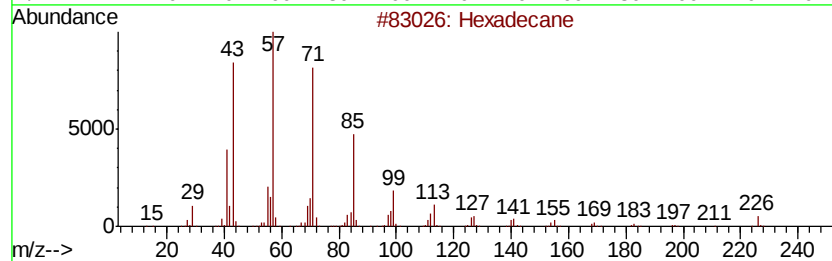
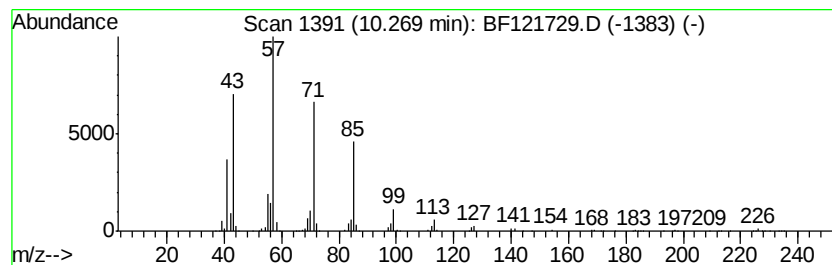
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ClientSampleId :
DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.27	111.50 ng	6956550	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

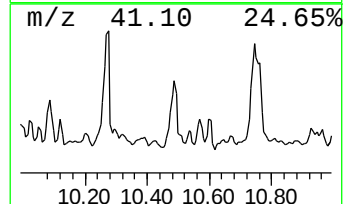
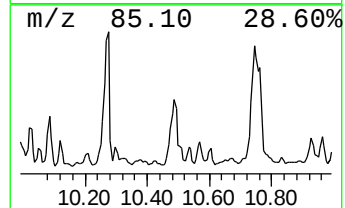
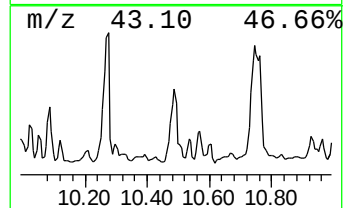
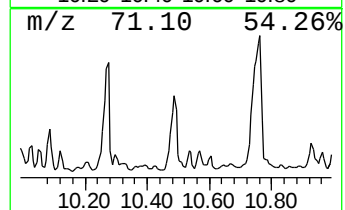
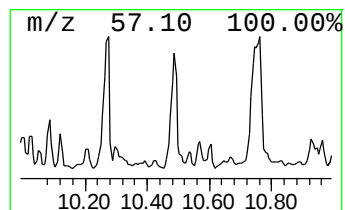
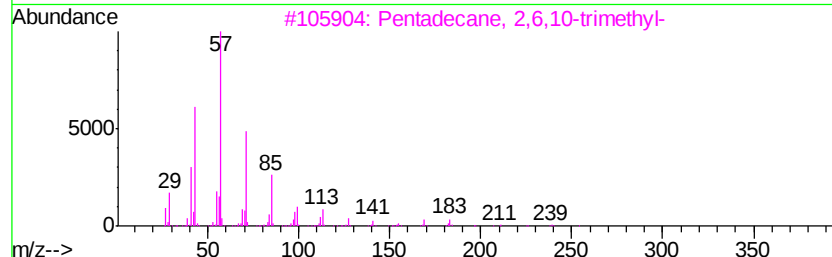
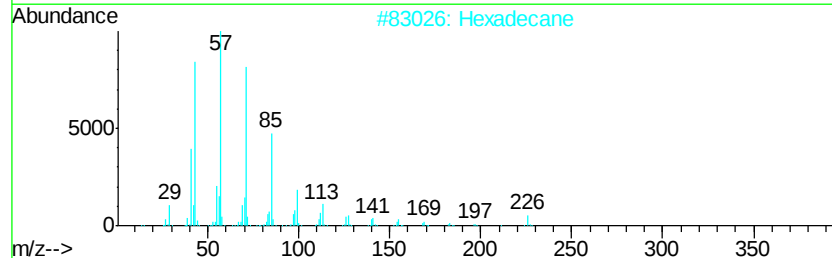
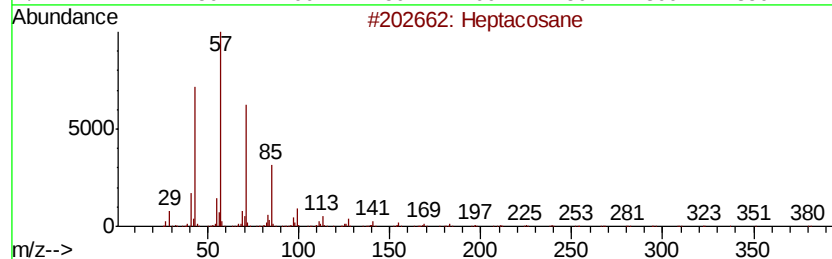
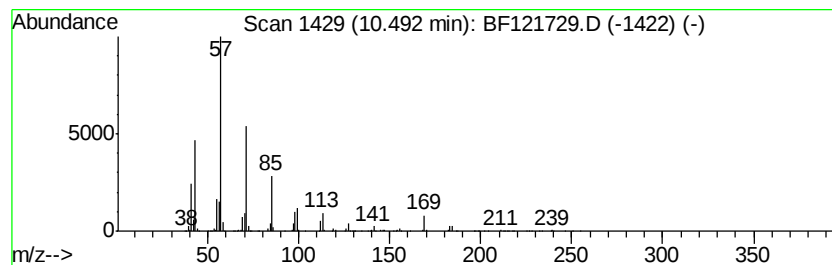
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	89.00 ng	5553050	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Hexadecane		226	C16H34	000544-76-3	72
3	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	70
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	68
5	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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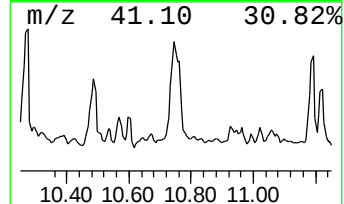
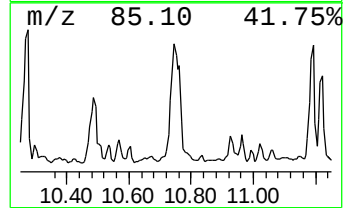
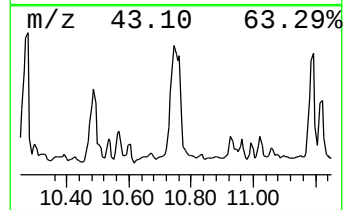
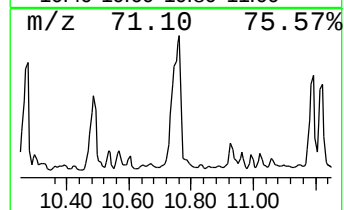
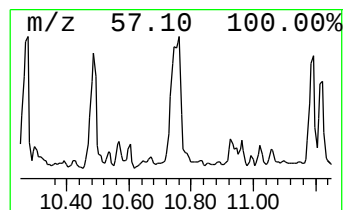
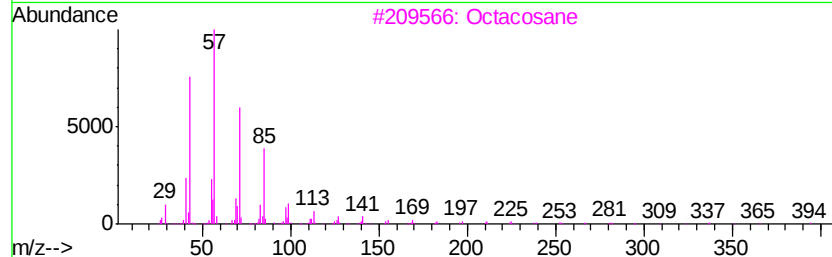
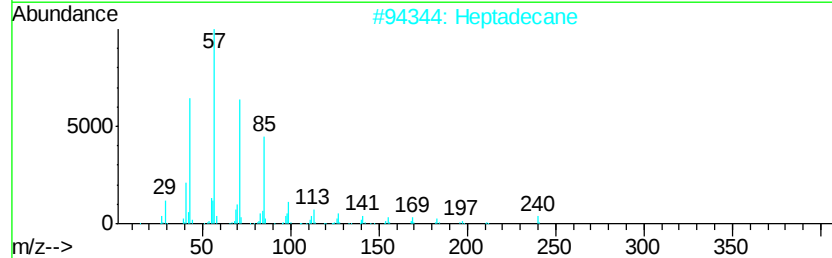
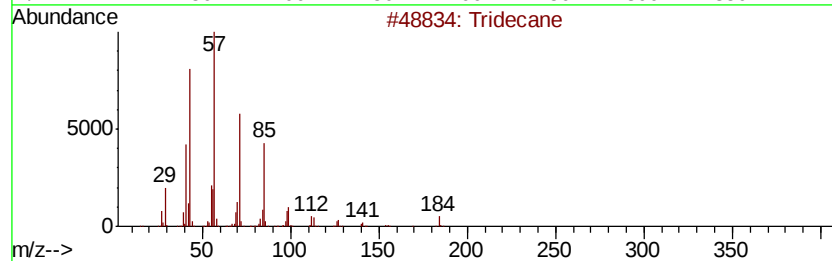
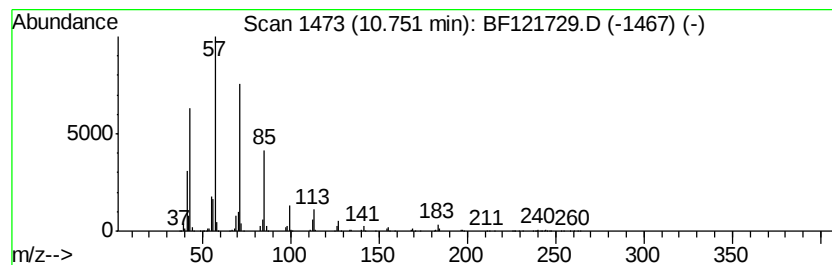
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	113.15 ng	5781530	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Heptadecane	240	C17H36	000629-78-7	86
3		Octacosane	394	C28H58	000630-02-4	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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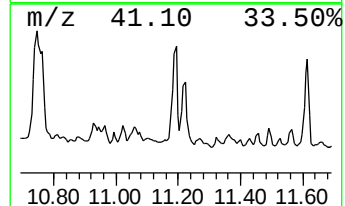
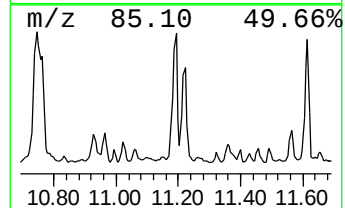
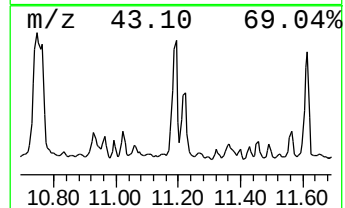
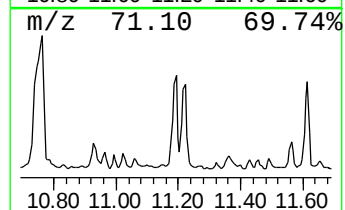
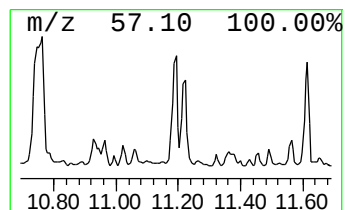
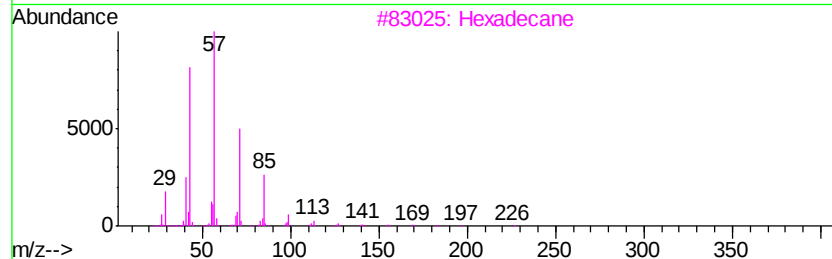
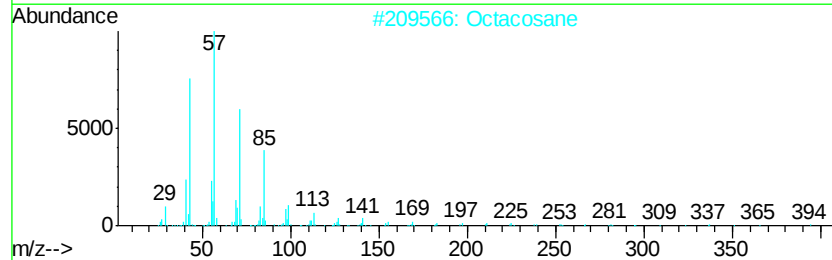
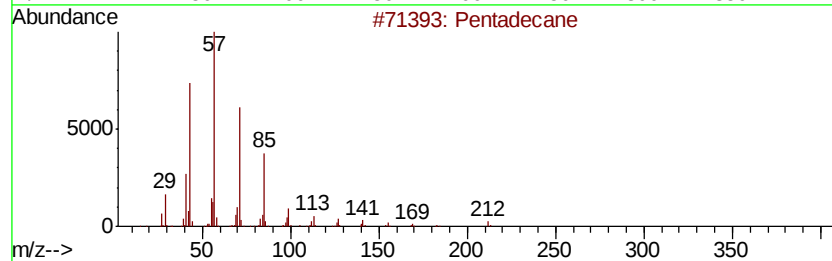
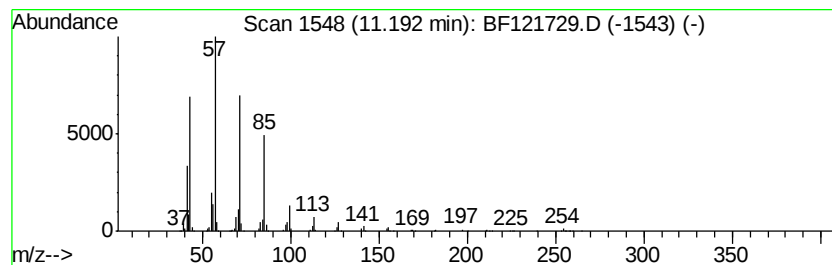
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	88.88 ng	4541550	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121729.D
 Acq On : 29 Sep 2020 14:13
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 Sample : L4154-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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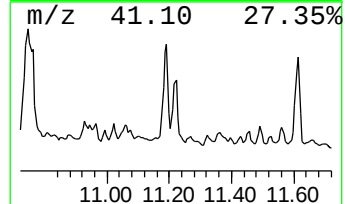
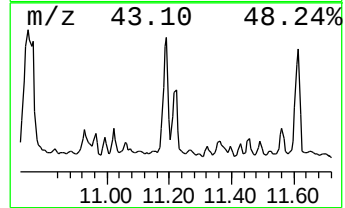
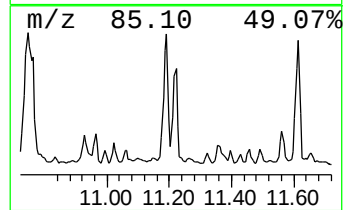
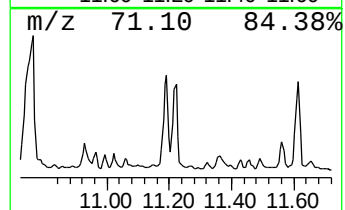
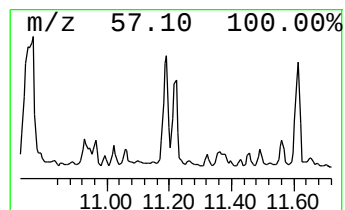
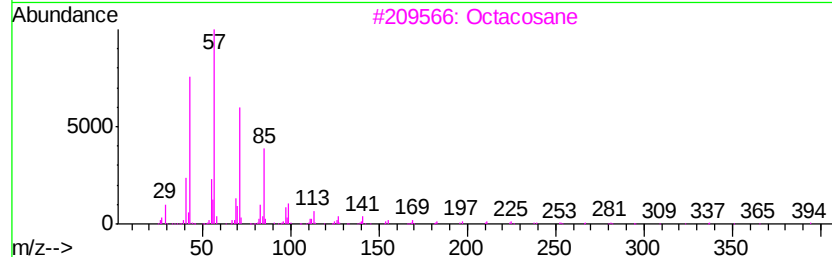
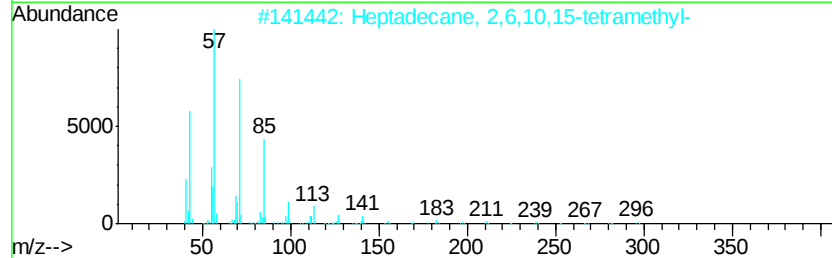
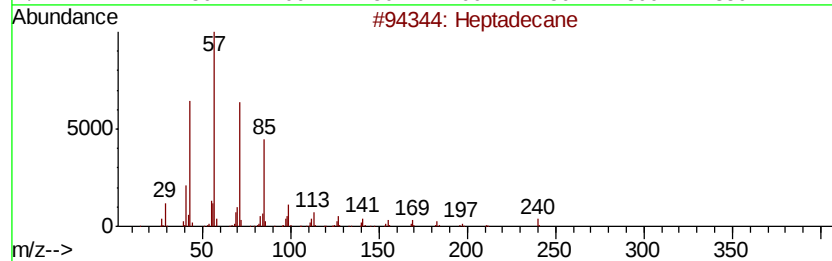
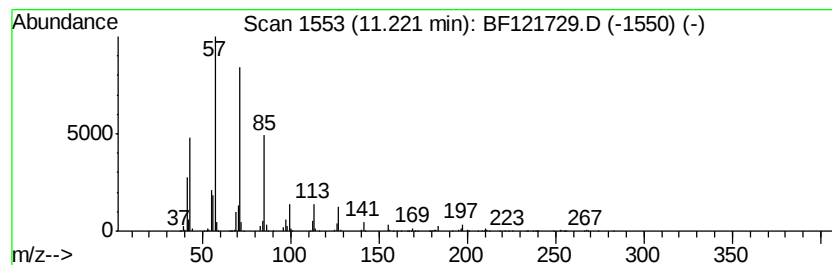
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	74.70 ng	3816810	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Hexacosane	366	C26H54	000630-01-3	86
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

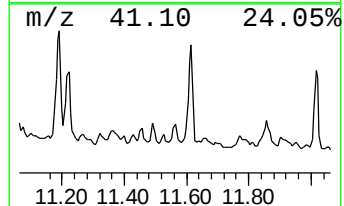
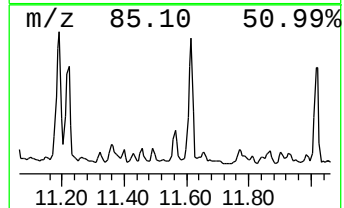
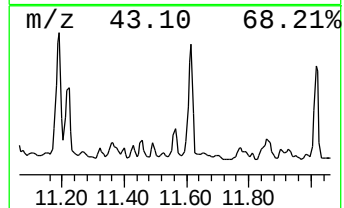
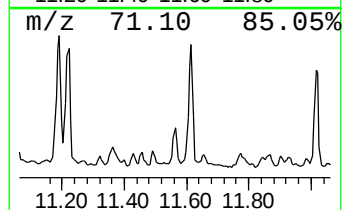
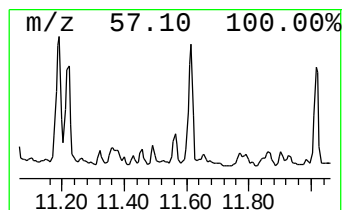
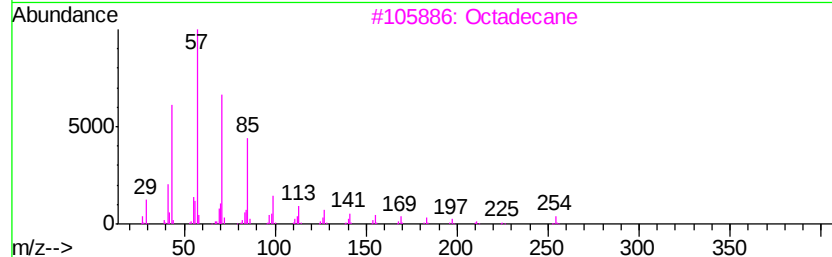
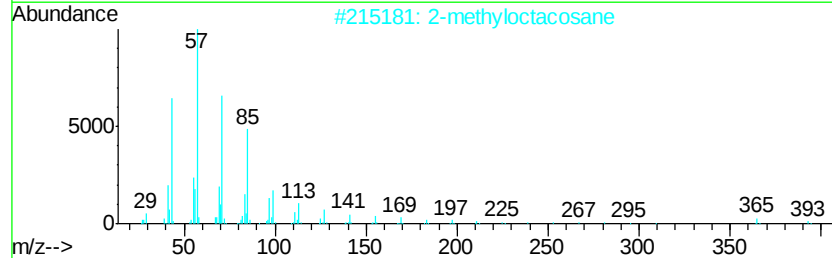
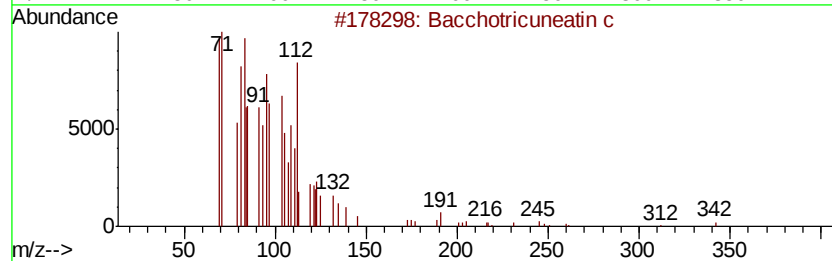
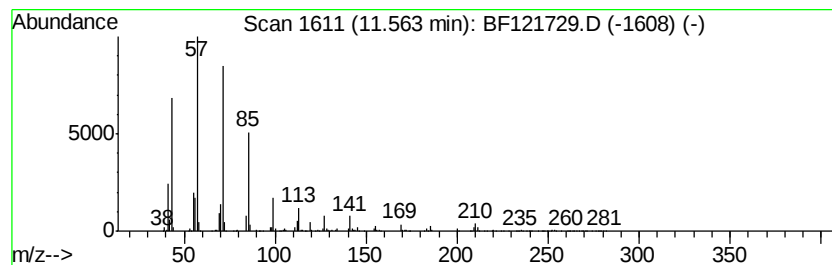
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	22.51 ng	1150260	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Octadecane	254	C18H38	000593-45-3	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

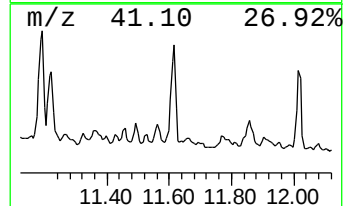
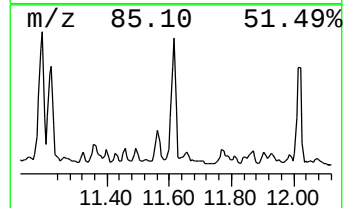
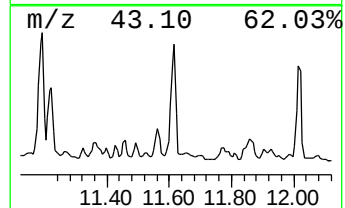
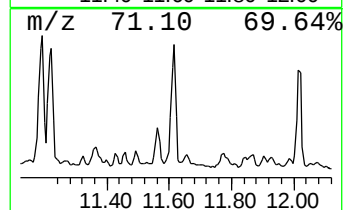
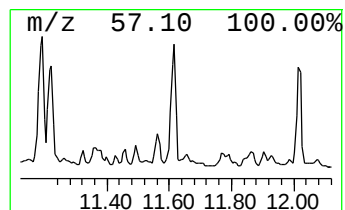
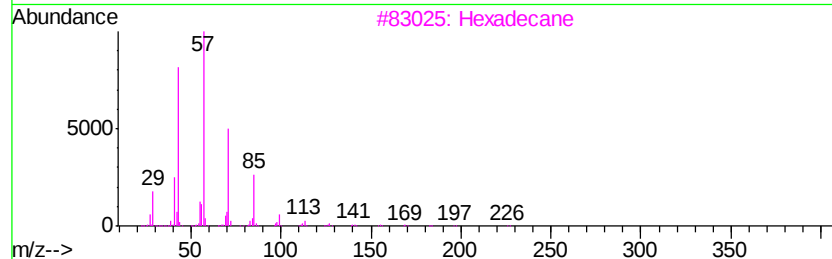
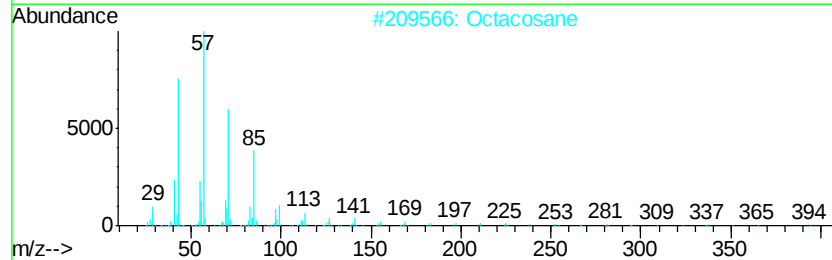
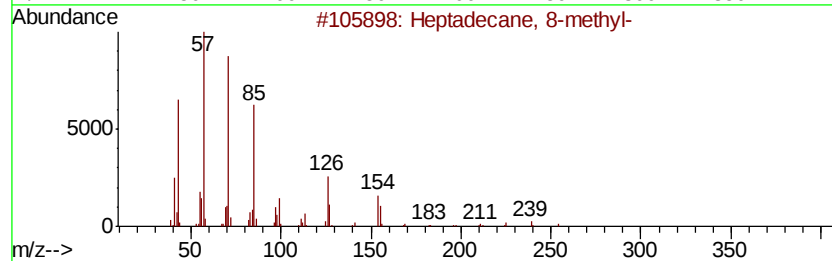
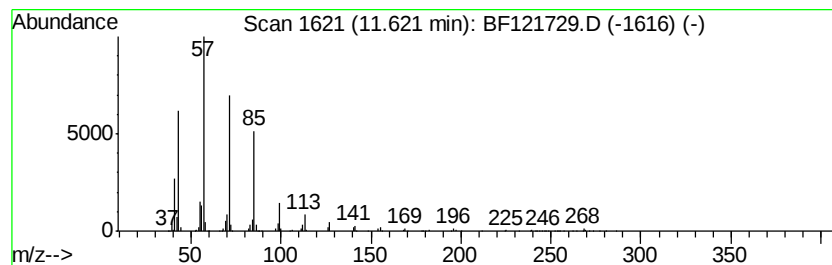
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	75.97 ng	3882030	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

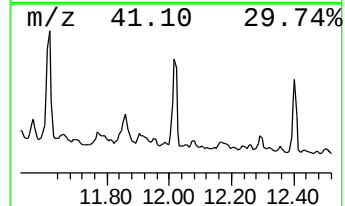
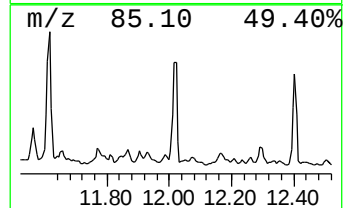
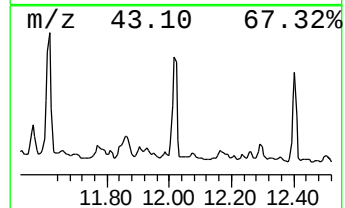
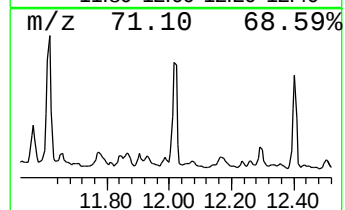
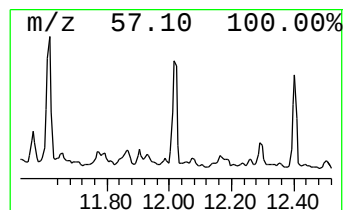
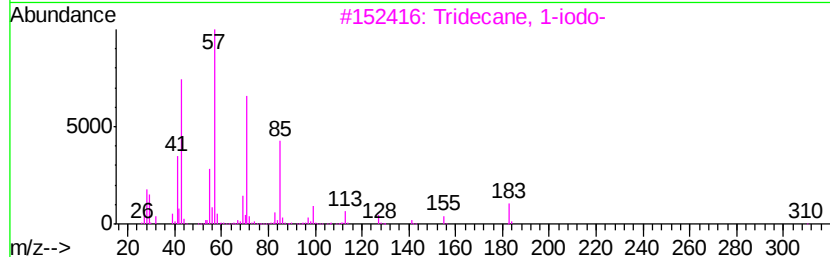
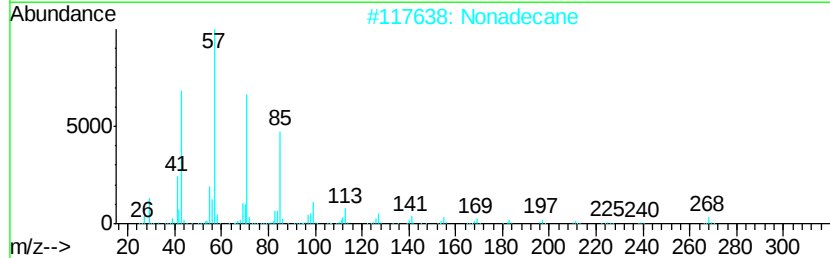
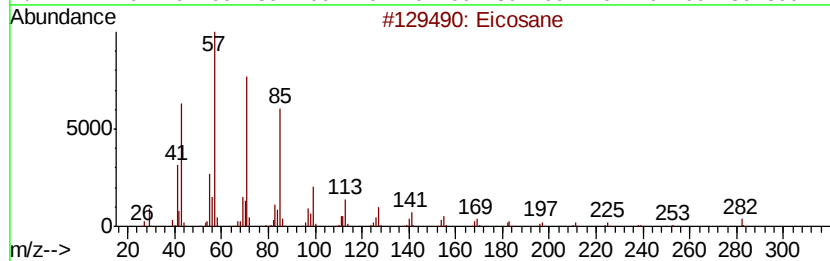
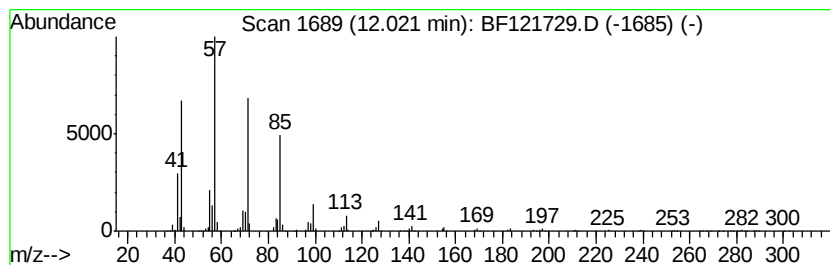
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	62.51 ng	3194200	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

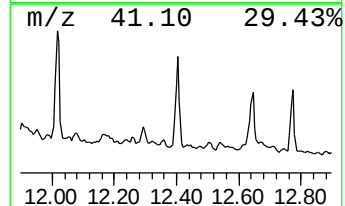
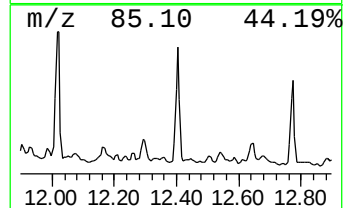
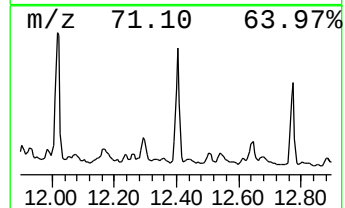
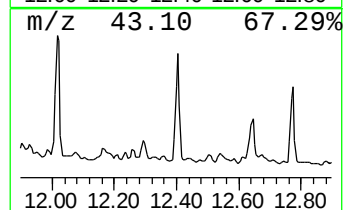
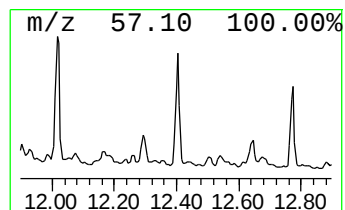
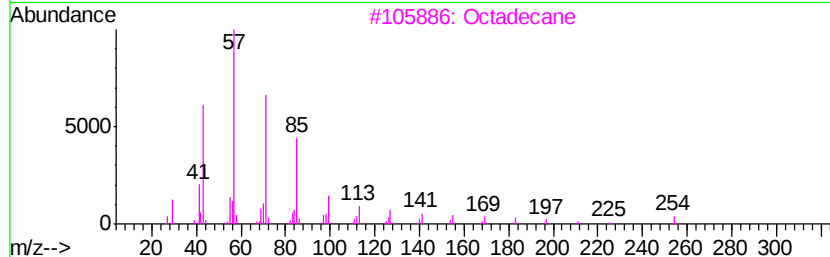
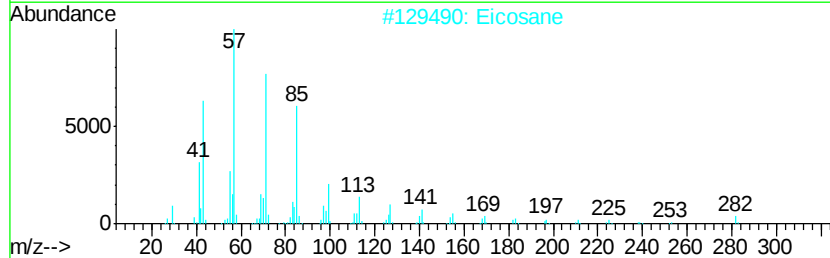
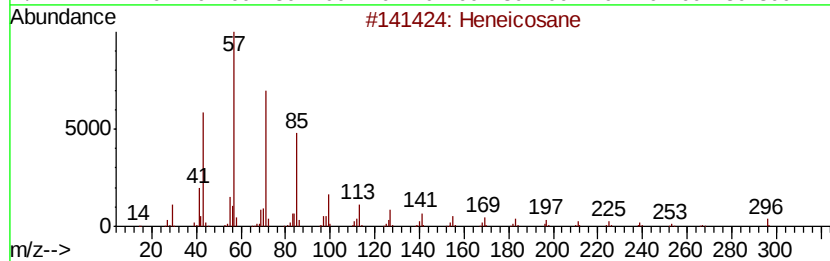
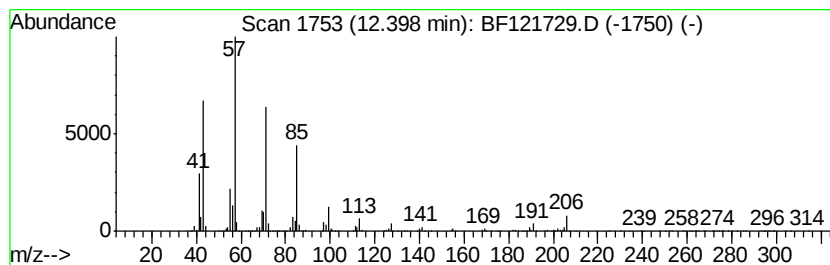
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	54.86 ng	2803080	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Octadecane	254	C18H38	000593-45-3	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

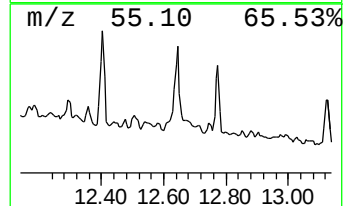
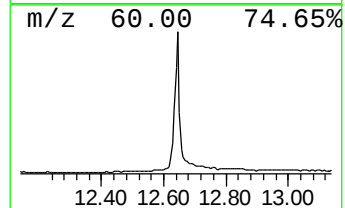
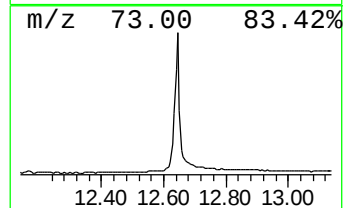
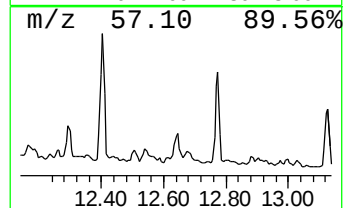
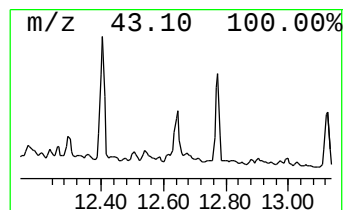
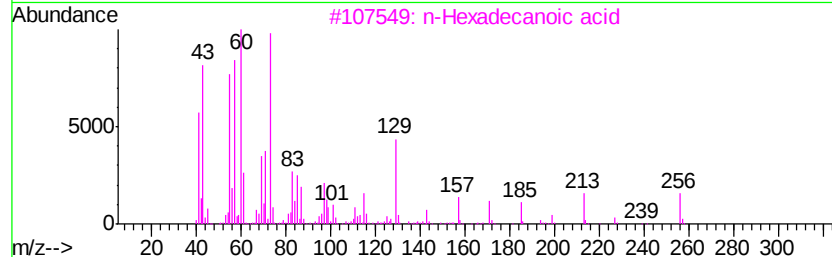
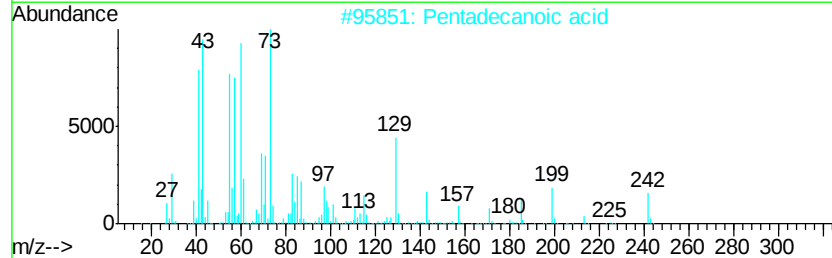
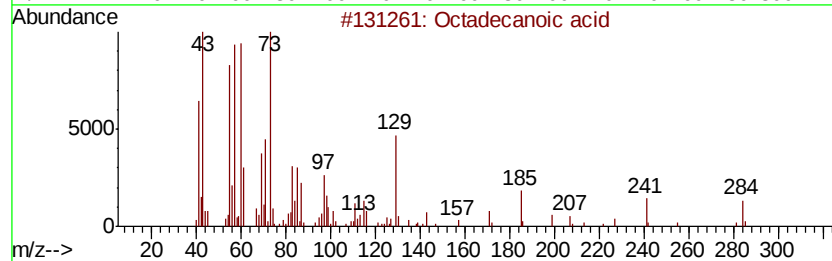
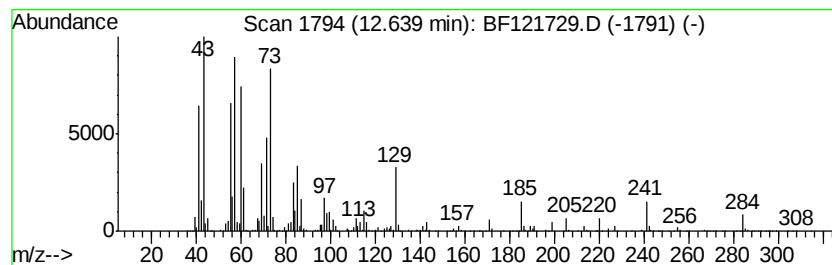
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	27.91 ng	1679490	Chrysene-d12	13.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121729.D
Acq On : 29 Sep 2020 14:13
Operator : JU/CG
Sample : L4154-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

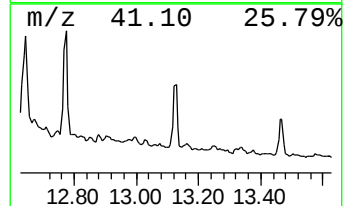
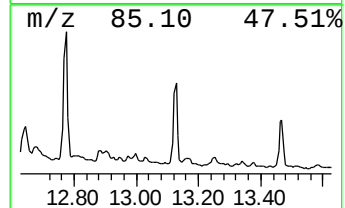
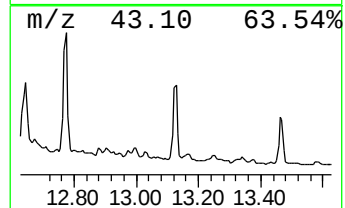
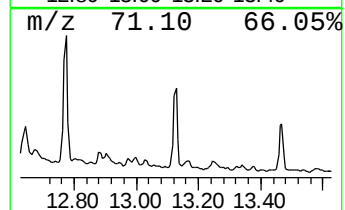
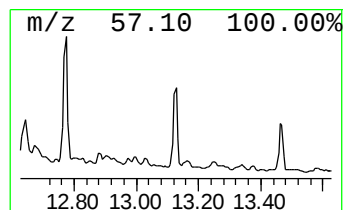
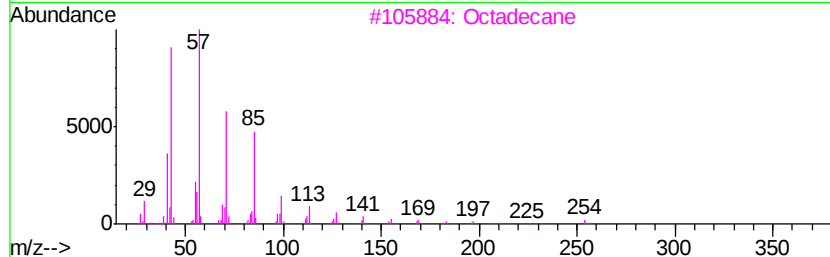
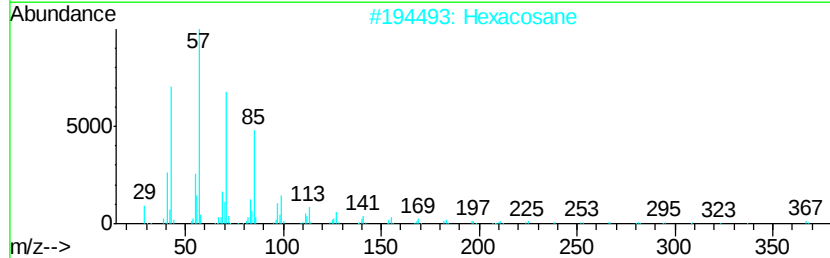
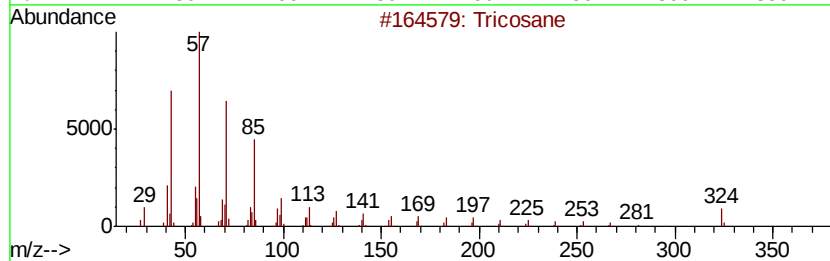
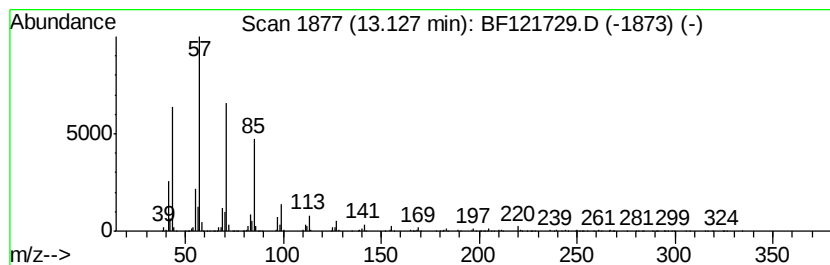
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	22.62 ng	1361170	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092920\
 Data File : BF121729.D
 Acq On : 29 Sep 2020 14:13
 Operator : JU/CG
 Sample : L4154-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Tridecane	8.67	23.3	ng	5219330	2	8.07	4478780	20.0
3,5-Dimethyldodecane	9.03	21.7	ng	1354390	3	9.83	1247850	20.0
Dodecane, 2,6,11-...	9.10	50.4	ng	3146700	3	9.83	1247850	20.0
Tetradecane	9.24	123.1	ng	7682740	3	9.83	1247850	20.0
unknown9.74	9.74	25.1	ng	1565550	3	9.83	1247850	20.0
Nonadecane	9.77	95.9	ng	5982860	3	9.83	1247850	20.0
Tridecane, 6-methyl-	9.99	25.5	ng	1592540	3	9.83	1247850	20.0
Naphthalene, 1,4,...	10.03	24.9	ng	1550460	3	9.83	1247850	20.0
Tridecane, 7-propyl-	10.09	38.5	ng	2404600	3	9.83	1247850	20.0
Hexadecane	10.27	111.5	ng	6956550	3	9.83	1247850	20.0
Heptacosane	10.49	89.0	ng	5553050	3	9.83	1247850	20.0
Octacosane	10.75	113.2	ng	5781530	4	11.32	1021950	20.0
Pentadecane	11.19	88.9	ng	4541550	4	11.32	1021950	20.0
Heptadecane, 2,6,...	11.22	74.7	ng	3816810	4	11.32	1021950	20.0
Bacchotricuneatin c	11.56	22.5	ng	1150260	4	11.32	1021950	20.0
Heptadecane, 8-me...	11.62	76.0	ng	3882030	4	11.32	1021950	20.0
Eicosane	12.02	62.5	ng	3194200	4	11.32	1021950	20.0
Heneicosane	12.40	54.9	ng	2803080	4	11.32	1021950	20.0
Octadecanoic acid	12.64	27.9	ng	1679490	5	13.94	1203600	20.0
Tricosane	13.13	22.6	ng	1361170	5	13.94	1203600	20.0