

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123367.D
 Acq On : 3 Mar 2021 21:26
 Operator : JU/CG
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 PR-01-030221

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	43	46	92	rVB2	6288295	28279211	100.00%	8.996%
2	5.551	586	589	595	rBV	2404319	2240731	7.92%	0.713%
3	5.798	628	631	634	rBV	1172353	916064	3.24%	0.291%
4	6.128	682	687	693	rBV2	719799	1308486	4.63%	0.416%
5	6.310	713	718	721	rBV2	523361	727008	2.57%	0.231%
6	6.351	721	725	726	rVV3	335583	454908	1.61%	0.145%
7	6.369	726	728	731	rVV	795012	773287	2.73%	0.246%
8	6.404	731	734	737	rVV2	1734553	2026297	7.17%	0.645%
9	6.463	741	744	745	rVV	797784	853151	3.02%	0.271%
10	6.481	745	747	751	rVB	668518	605602	2.14%	0.193%
11	6.528	751	755	764	rBV2	1800989	3419610	12.09%	1.088%
12	6.616	764	770	774	rBV5	615954	1323926	4.68%	0.421%
13	6.710	779	786	792	rVB2	5587572	9239830	32.67%	2.939%
14	6.834	796	807	808	rBV4	712518	1617638	5.72%	0.515%
15	6.875	808	814	819	rVV3	2897212	5026087	17.77%	1.599%
16	6.928	819	823	827	rVB2	1145221	1396859	4.94%	0.444%
17	6.986	827	833	834	rBV3	484223	838031	2.96%	0.267%
18	7.016	834	838	842	rVV2	1729774	2375874	8.40%	0.756%
19	7.051	842	844	846	rVB	603694	505220	1.79%	0.161%
20	7.098	846	852	853	rBV2	596060	706361	2.50%	0.225%
21	7.145	853	860	863	rVV	2590343	4570188	16.16%	1.454%
22	7.192	863	868	870	rVV2	2145827	4457892	15.76%	1.418%
23	7.257	874	879	884	rVB2	2655725	4127754	14.60%	1.313%
24	7.339	889	893	895	rBV	850557	1117729	3.95%	0.356%
25	7.410	899	905	907	rBV3	2266454	3871962	13.69%	1.232%
26	7.481	907	917	919	rVB	8433251	17946794	63.46%	5.709%
27	7.522	919	924	927	rVB4	1764755	2966435	10.49%	0.944%
28	7.563	927	931	932	rBV2	1451605	1884638	6.66%	0.599%
29	7.651	938	946	948	rBV3	2196735	4224034	14.94%	1.344%
30	7.675	948	950	957	rVB2	2513629	3267712	11.56%	1.039%
31	7.775	959	967	969	rBV3	2784612	5850892	20.69%	1.861%
32	7.839	975	978	981	rVB3	1603959	1858943	6.57%	0.591%
33	7.875	981	984	986	rBV2	2583919	3055035	10.80%	0.972%
34	7.904	986	989	994	rVB4	2880590	4525921	16.00%	1.440%
35	7.951	995	997	999	rVB	1065198	779551	2.76%	0.248%
36	8.028	1007	1010	1014	rBV2	1156398	1203403	4.26%	0.383%

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37	8.063	1014	1016	1018	rBV2	610187	678799	2.40%	0.216%
38	8.151	1020	1031	1035	rVV2	9713626	28120497	99.44%	8.945%
39	8.222	1035	1043	1045	rVV2	5034622	10842568	38.34%	3.449%
40	8.251	1045	1048	1053	rVB4	1999868	2638843	9.33%	0.839%
41	8.316	1056	1059	1060	rBV3	893099	944156	3.34%	0.300%
42	8.357	1064	1066	1070	rVB2	1684805	1908084	6.75%	0.607%
43	8.451	1079	1082	1088	rVB5	2890489	4025654	14.24%	1.281%
44	8.504	1088	1091	1094	rBV3	2023641	1910079	6.75%	0.608%
45	8.539	1094	1097	1100	rBV3	2906127	3481194	12.31%	1.107%
46	8.586	1100	1105	1107	rVB	3677693	4150191	14.68%	1.320%
47	8.669	1115	1119	1121	rVB	3010118	2868951	10.15%	0.913%
48	8.722	1123	1128	1130	rBV3	3999957	6301282	22.28%	2.004%
49	8.763	1130	1135	1137	rVB	7644792	11666218	41.25%	3.711%
50	8.792	1137	1140	1142	rBV4	583755	796259	2.82%	0.253%
51	8.875	1152	1154	1157	rVB	1347824	1054012	3.73%	0.335%
52	8.910	1157	1160	1162	rBV3	1084337	1050172	3.71%	0.334%
53	8.945	1162	1166	1167	rBV3	1178108	1601299	5.66%	0.509%
54	8.986	1170	1173	1175	rVB2	2295533	2045419	7.23%	0.651%
55	9.151	1198	1201	1203	rBV	2186604	2291018	8.10%	0.729%
56	9.180	1203	1206	1212	rVB3	4716041	5585490	19.75%	1.777%
57	9.228	1212	1214	1217	rVB2	1989405	1509266	5.34%	0.480%
58	9.286	1219	1224	1225	rBV2	3285508	4442054	15.71%	1.413%
59	9.328	1226	1231	1233	rVV	7813016	11156199	39.45%	3.549%
60	9.357	1233	1236	1237	rVV	1364881	1218016	4.31%	0.387%
61	9.386	1239	1241	1243	rVB	2072676	1634625	5.78%	0.520%
62	9.569	1270	1272	1274	rVB2	1095114	813092	2.88%	0.259%
63	9.592	1274	1276	1279	rVV4	1281406	1611995	5.70%	0.513%
64	9.633	1279	1283	1285	rVV3	3876176	4755195	16.82%	1.513%
65	9.657	1285	1287	1290	rVB3	1934865	1902899	6.73%	0.605%
66	9.692	1290	1293	1295	rVB2	1928571	1646626	5.82%	0.524%
67	9.816	1310	1314	1316	rBV2	1716476	2630595	9.30%	0.837%
68	9.845	1316	1319	1322	rVV	6404321	7088572	25.07%	2.255%
69	9.880	1322	1325	1326	rVV3	949786	1042549	3.69%	0.332%
70	9.916	1329	1331	1334	rVB	2834859	2567537	9.08%	0.817%
71	10.010	1345	1347	1352	rBV2	602013	654647	2.31%	0.208%
72	10.069	1354	1357	1360	rVV3	728067	1054128	3.73%	0.335%
73	10.157	1369	1372	1376	rVB3	1777469	1989160	7.03%	0.633%
74	10.192	1376	1378	1381	rVB	944120	760596	2.69%	0.242%
75	10.227	1381	1384	1387	rBV4	758768	966965	3.42%	0.308%
76	10.339	1395	1403	1405	rVV	5148915	5671640	20.06%	1.804%

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77	10.557	1435	1440	1445	rVB	1444255	2292673	8.11%	0.729%
78	10.639	1451	1454	1457	rBV2	353450	429842	1.52%	0.137%
79	10.674	1457	1460	1462	rVB3	585680	501701	1.77%	0.160%
80	10.704	1462	1465	1469	rBV	1443538	1282882	4.54%	0.408%
81	10.810	1479	1483	1488	rVB	2915945	3450401	12.20%	1.098%
82	11.257	1555	1559	1561	rBV	1530047	1264840	4.47%	0.402%
83	11.286	1561	1564	1570	rVB	740552	859265	3.04%	0.273%
84	11.404	1580	1584	1586	rBV	3864484	3478525	12.30%	1.107%
85	11.680	1628	1631	1635	rVB	1001692	825822	2.92%	0.263%
86	11.927	1669	1673	1679	rVB2	810349	849094	3.00%	0.270%
87	12.092	1698	1701	1704	rBV	920662	713184	2.52%	0.227%
88	12.486	1764	1768	1771	rVB2	943348	903757	3.20%	0.287%
89	12.716	1805	1807	1811	rVB2	624335	535865	1.89%	0.170%
90	12.857	1828	1831	1837	rVB3	1104357	1195556	4.23%	0.380%
91	12.992	1850	1854	1856	rBV	2729019	2300038	8.13%	0.732%
92	13.215	1889	1892	1896	rBV	974579	1045264	3.70%	0.332%
93	13.563	1948	1951	1954	rVB	1078696	904573	3.20%	0.288%
94	13.892	2005	2007	2013	rVB	1211121	1426640	5.04%	0.454%
95	14.068	2033	2037	2040	rVB	2928213	3097248	10.95%	0.985%
96	14.215	2059	2062	2065	rVB2	858857	825105	2.92%	0.262%
97	14.521	2111	2114	2116	rBV2	970980	840081	2.97%	0.267%
98	14.833	2165	2167	2171	rVB	819248	785933	2.78%	0.250%
99	15.180	2223	2226	2232	rVB	971803	1187429	4.20%	0.378%
100	15.574	2288	2293	2297	rVB2	2487169	3954446	13.98%	1.258%

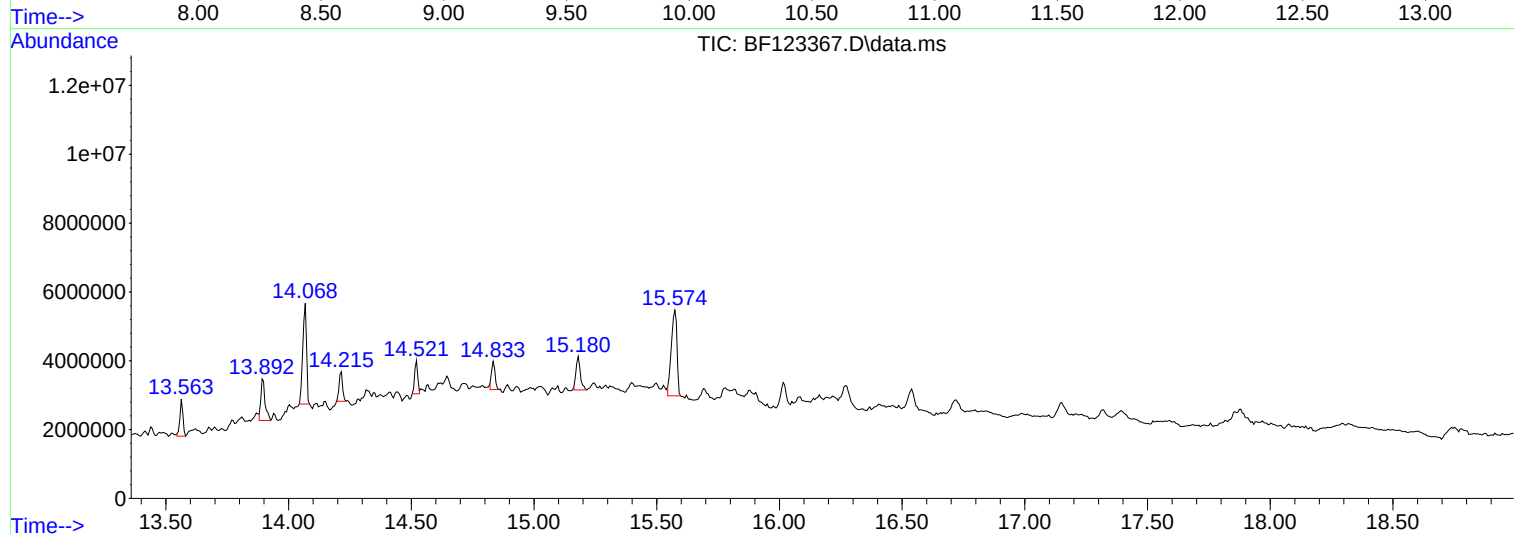
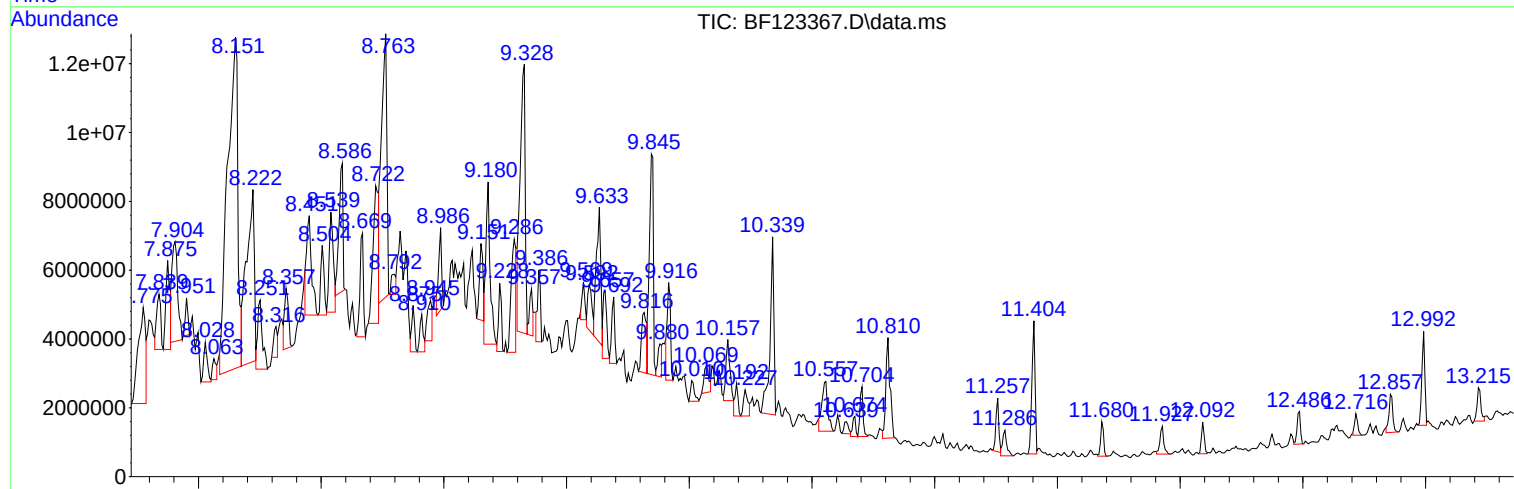
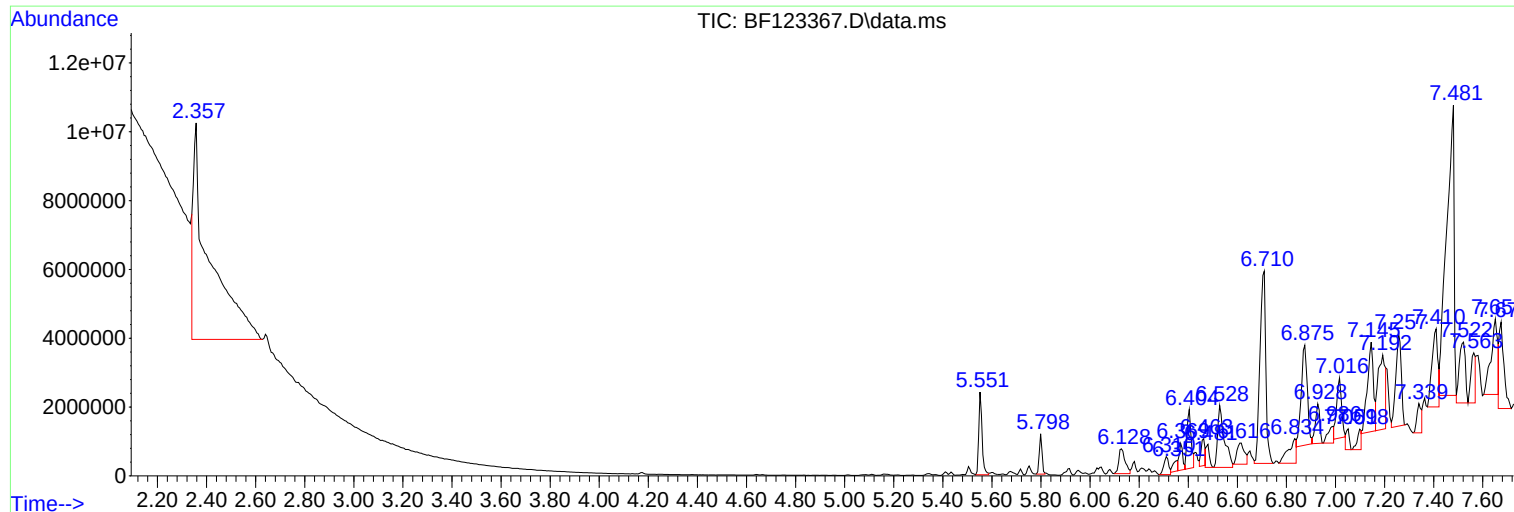
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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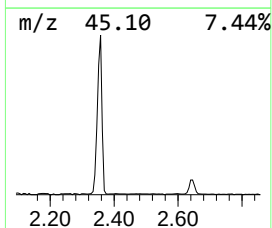
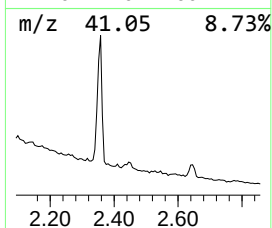
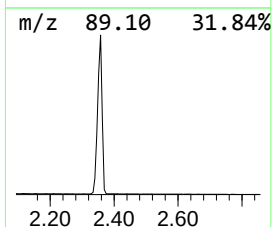
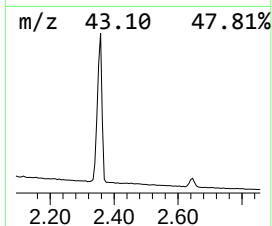
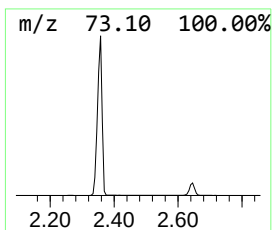
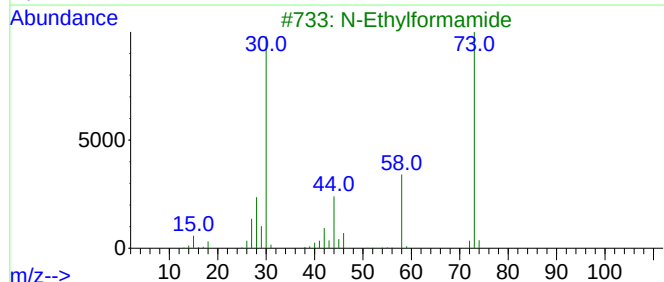
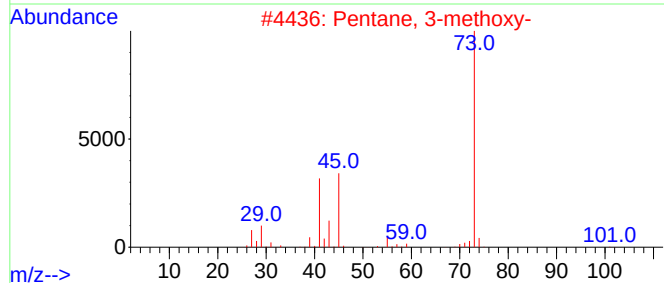
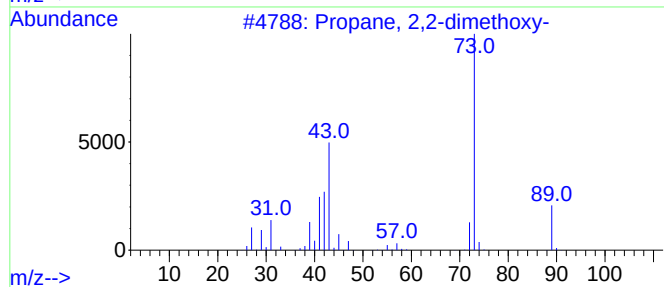
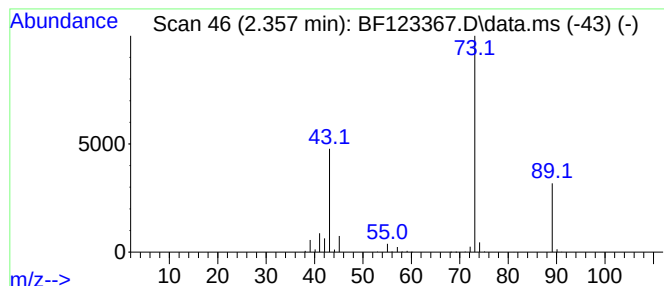
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.357 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	112.53 ng	28279200	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5			1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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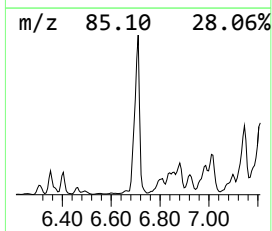
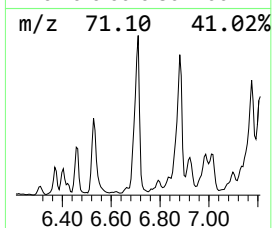
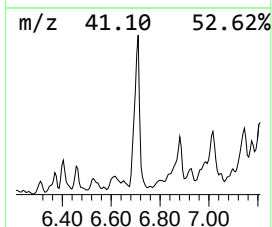
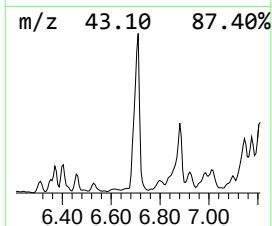
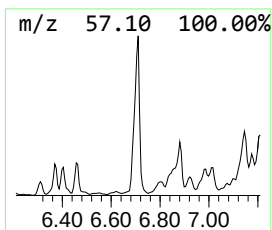
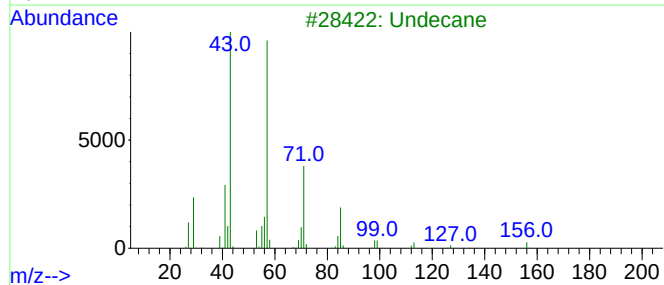
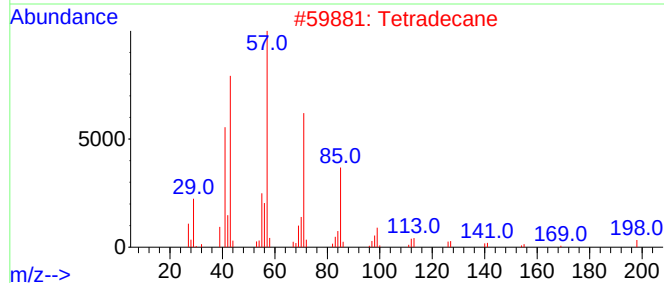
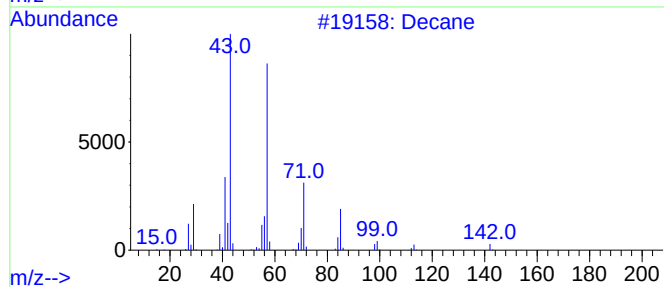
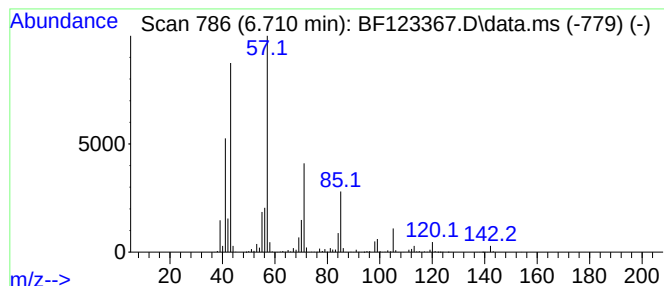
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	36.77 ng	9239830	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Undecane	156	C11H24	001120-21-4	78
4			Hexadecane	226	C16H34	000544-76-3	64
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	64



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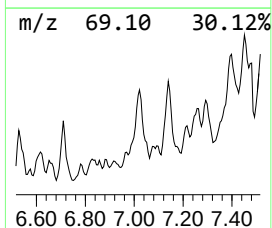
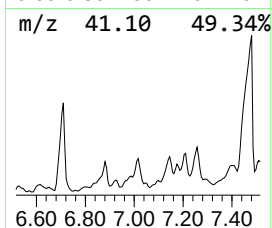
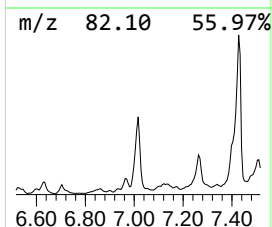
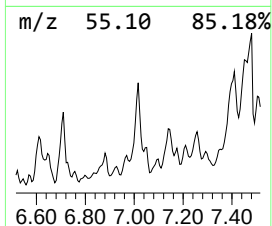
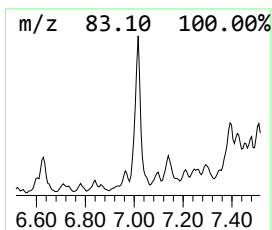
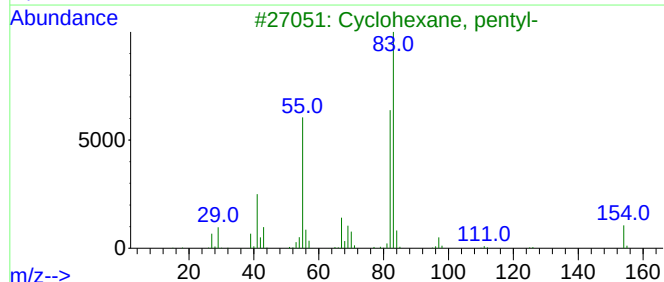
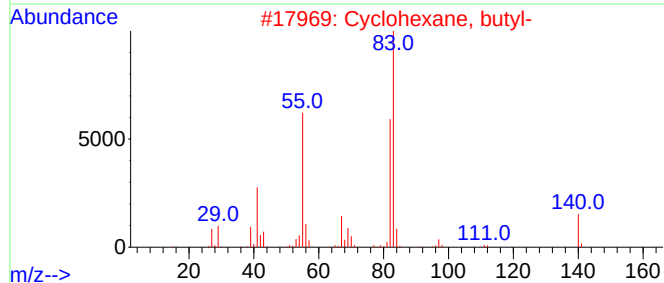
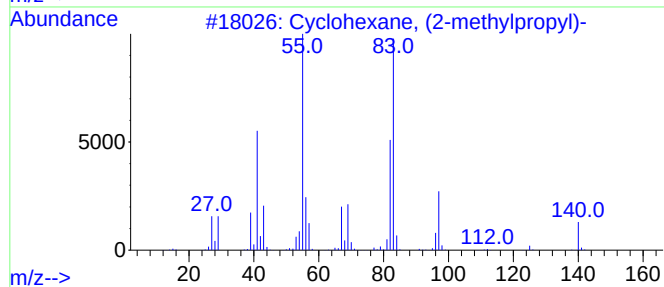
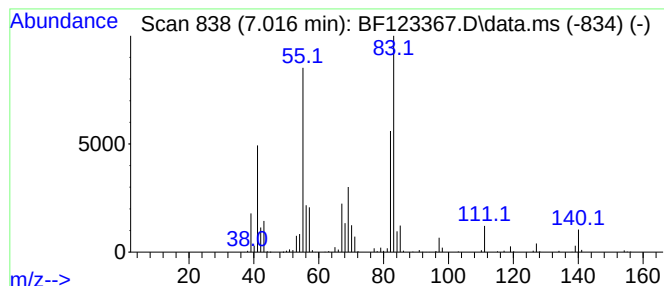
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	9.45 ng	2375870	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
Operator : JU/CG
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

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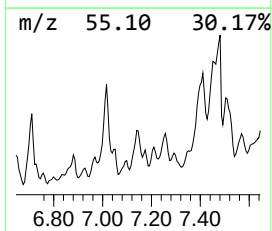
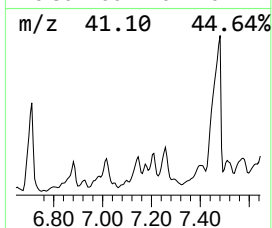
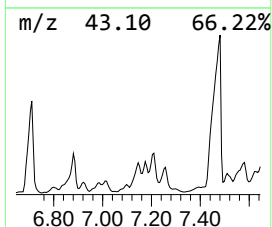
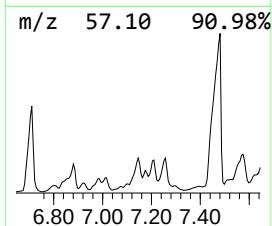
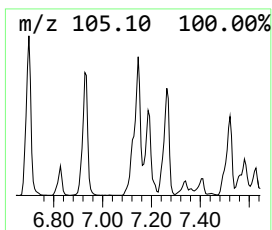
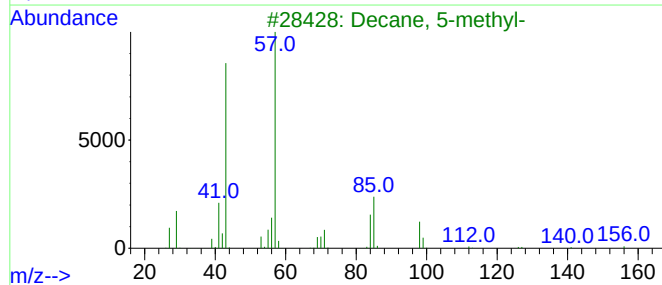
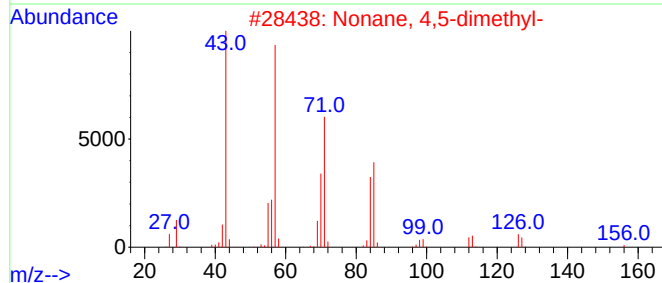
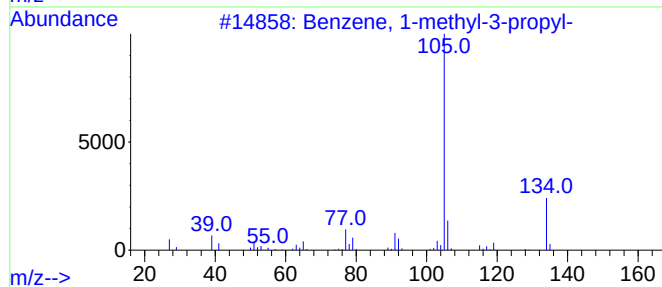
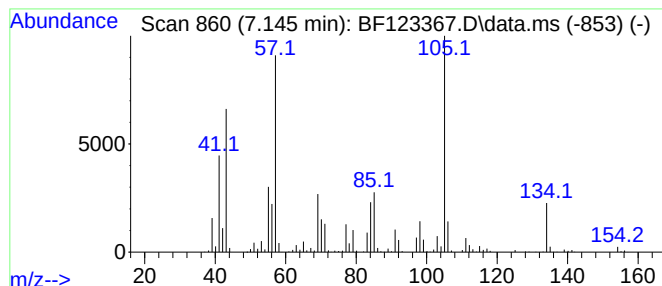
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	18.19 ng	4570190	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
3			Decane, 5-methyl-	156	C11H24	013151-35-4	38
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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Sample : M1540-01 5X
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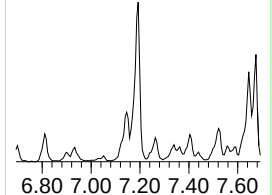
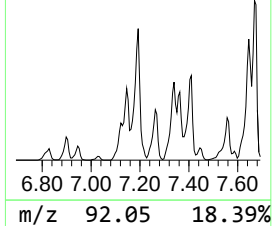
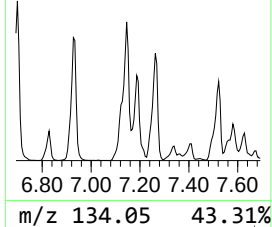
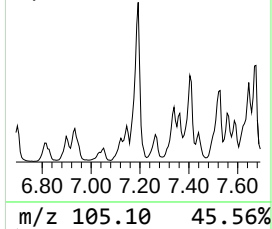
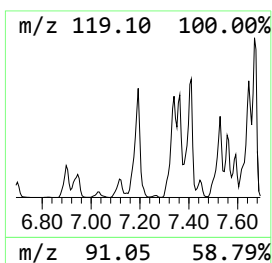
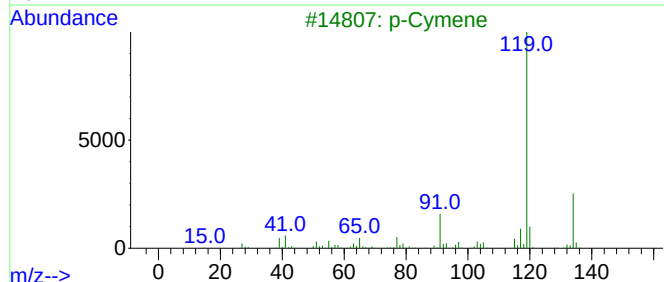
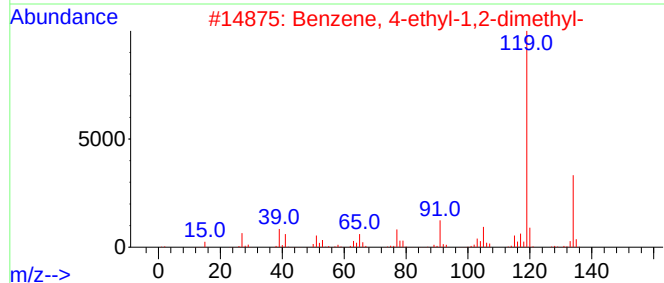
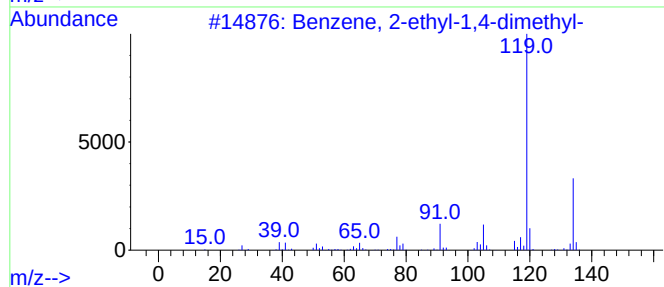
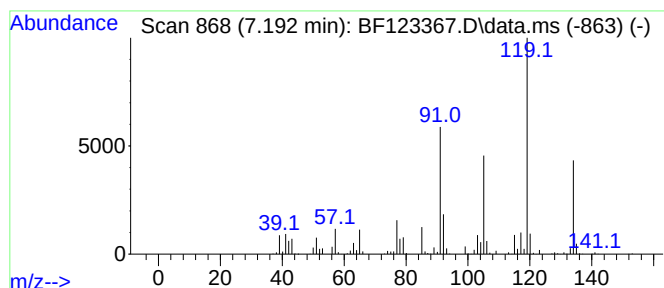
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	17.74 ng	4457890	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
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Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

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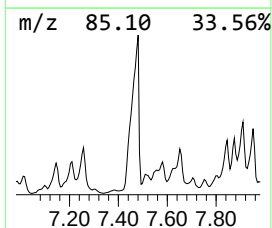
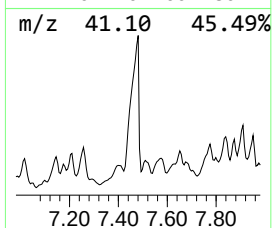
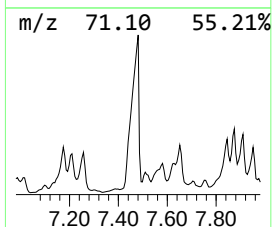
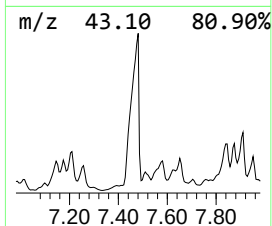
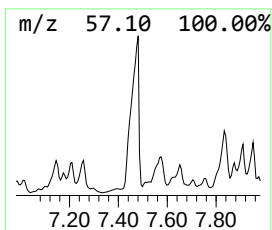
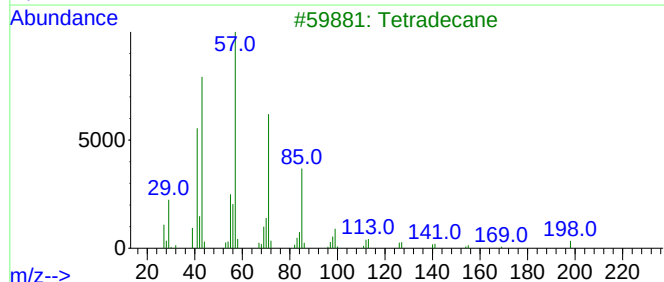
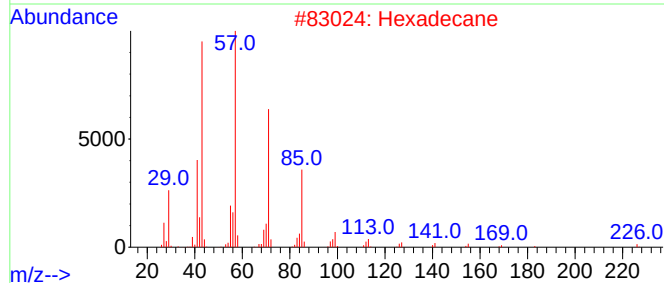
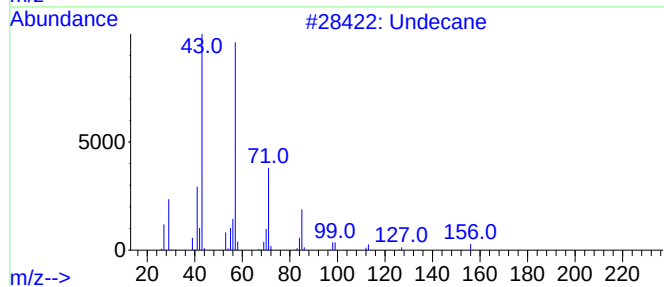
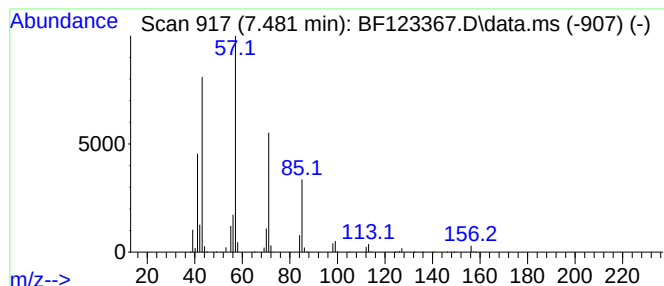
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	71.41 ng	17946800	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Hexadecane			226	C16H34	000544-76-3	90
3	Tetradecane			198	C14H30	000629-59-4	83
4	Pentadecane			212	C15H32	000629-62-9	83
5	Tridecane			184	C13H28	000629-50-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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Instrument :
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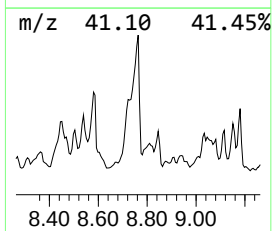
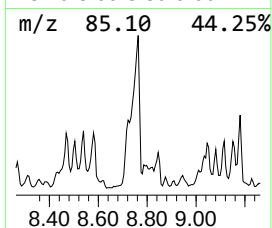
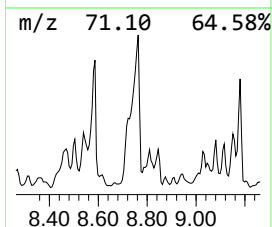
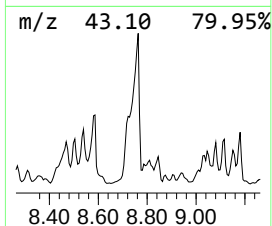
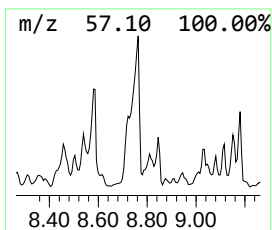
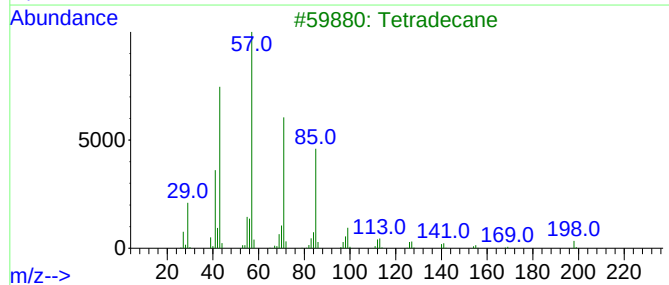
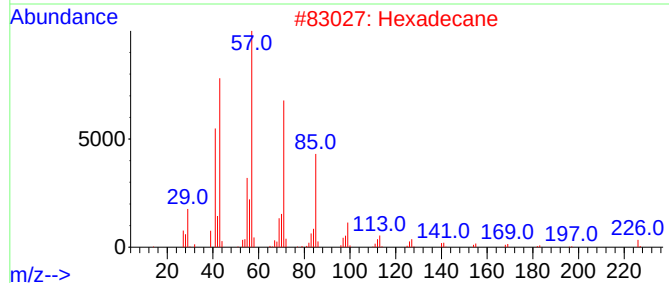
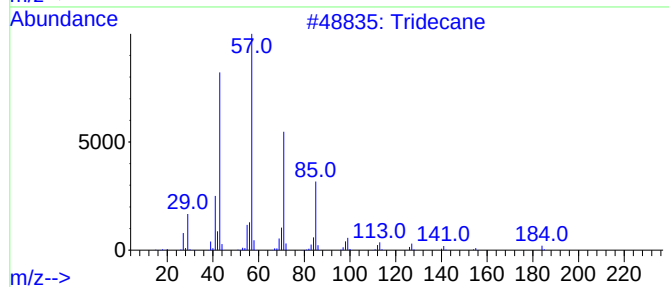
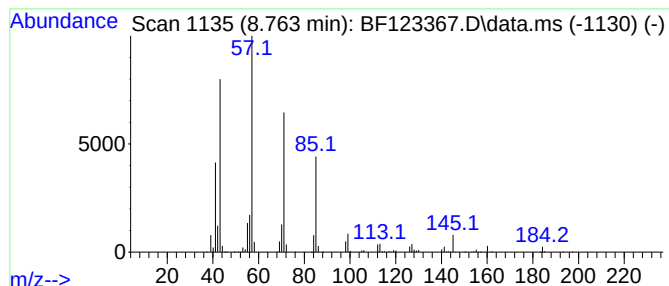
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	8.30 ng	11666200	Naphthalene-d8	8.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
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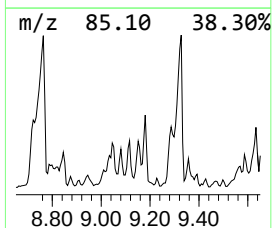
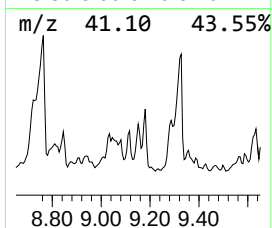
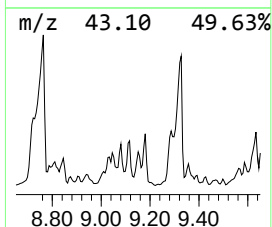
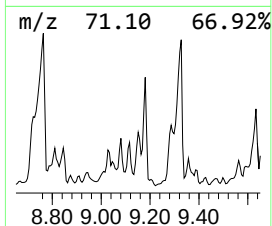
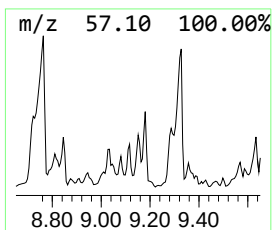
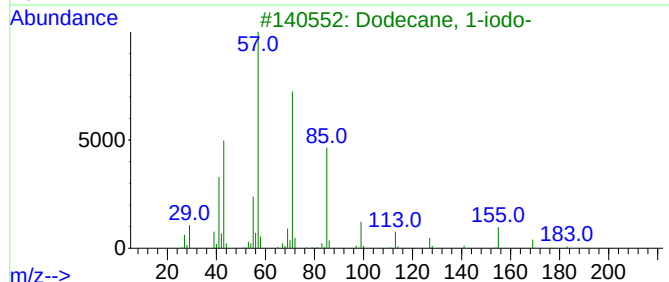
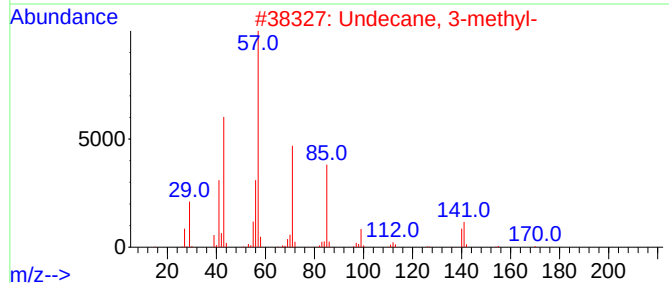
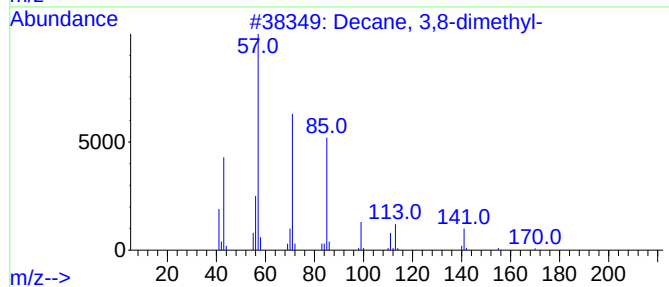
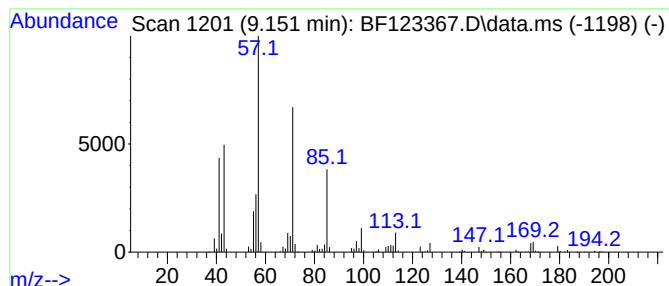
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.151	17.85 ng	2291020	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Heptacosane	380	C27H56	000593-49-7	72
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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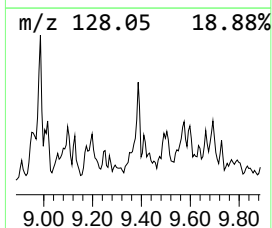
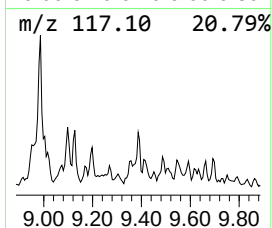
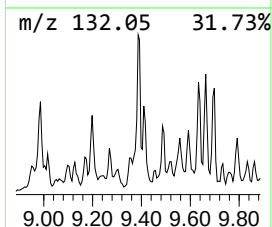
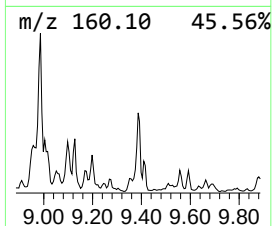
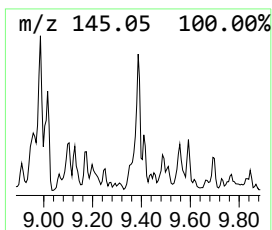
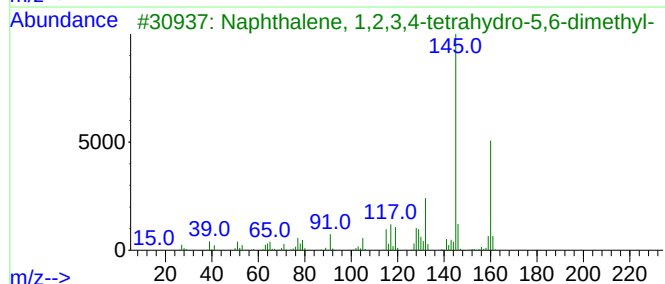
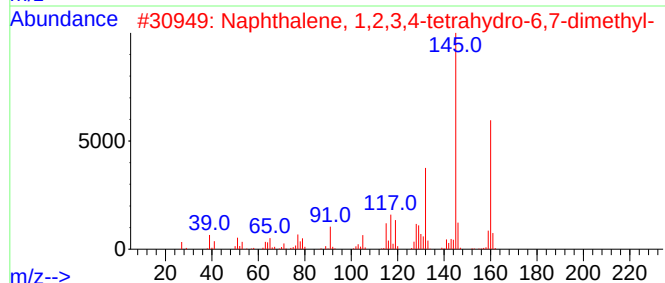
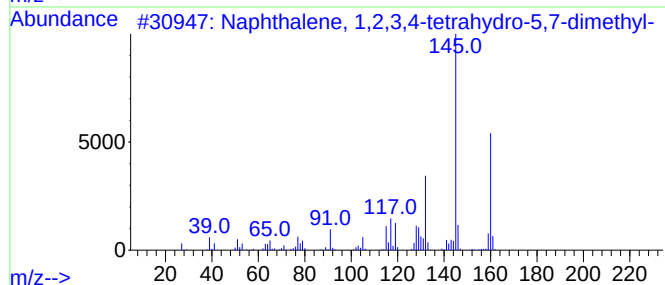
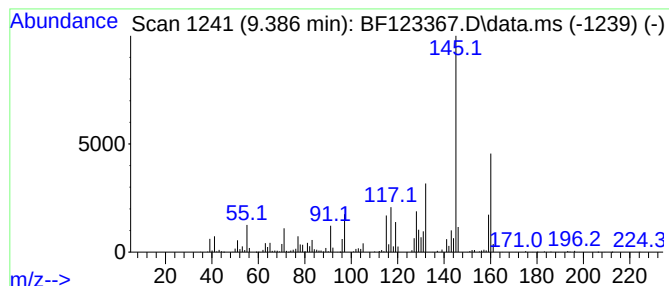
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	12.73 ng	1634630	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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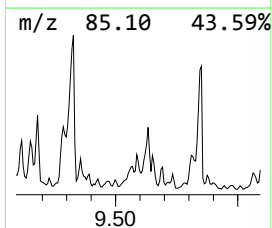
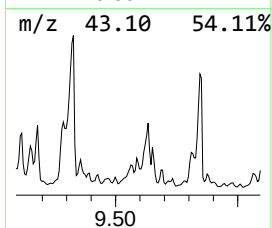
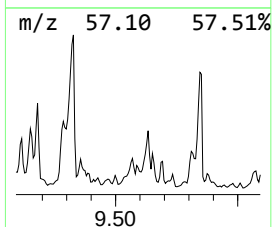
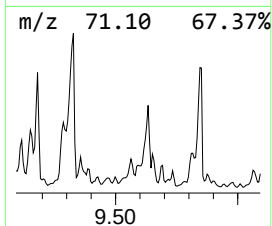
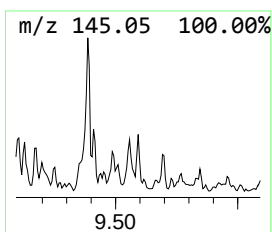
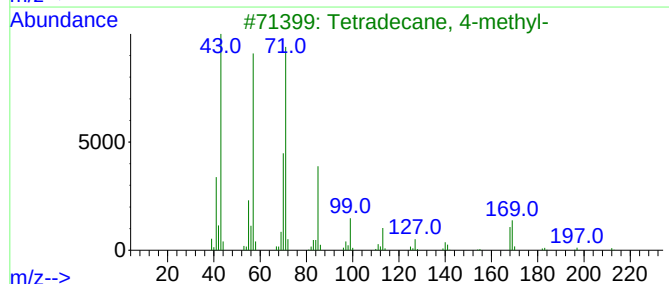
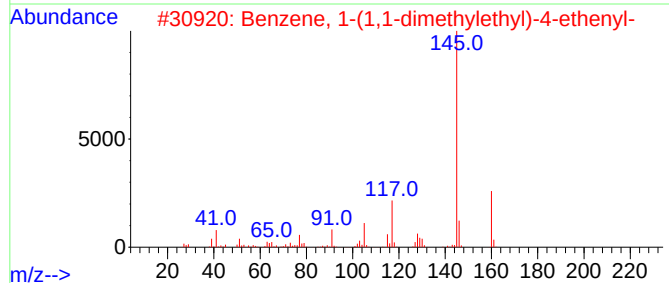
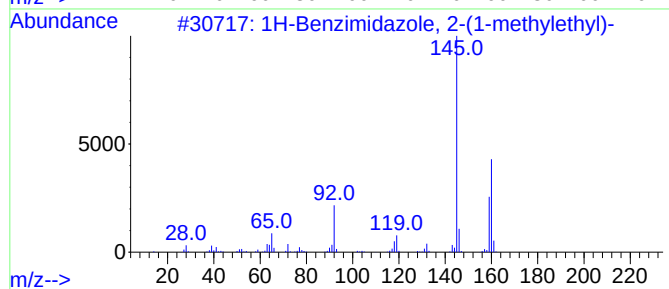
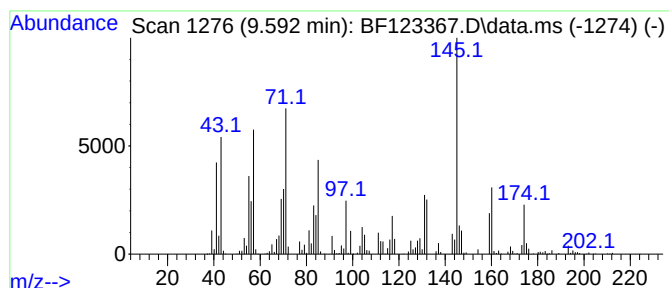
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.592 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	12.56 ng	1612000	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	27
2		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	25
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	25
4		Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	22
5		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
Operator : JU/CG
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

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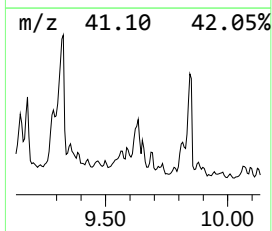
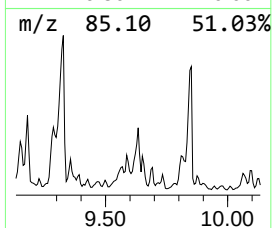
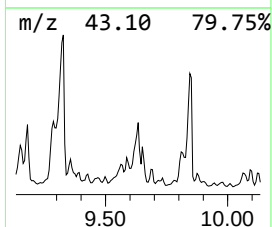
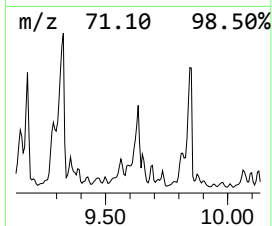
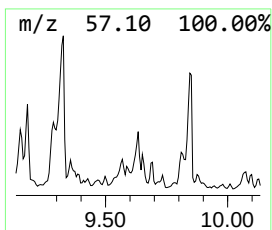
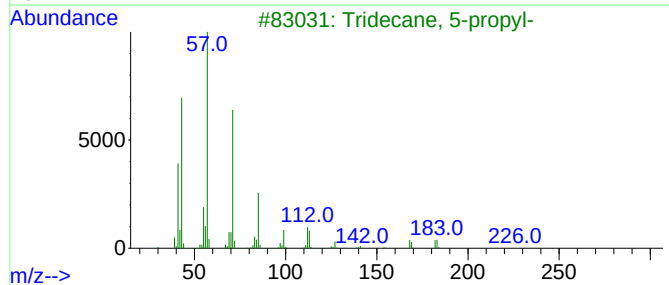
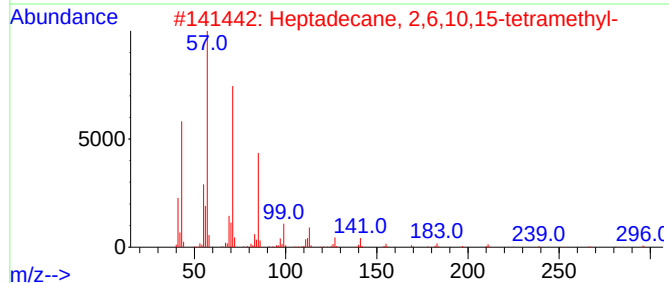
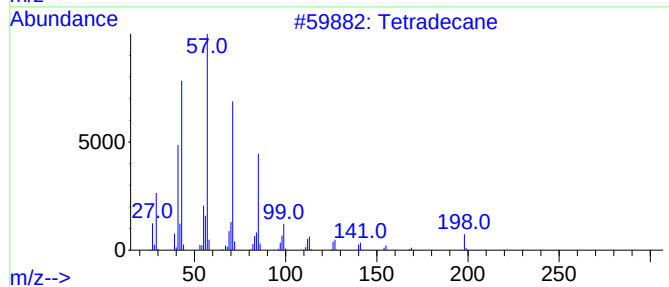
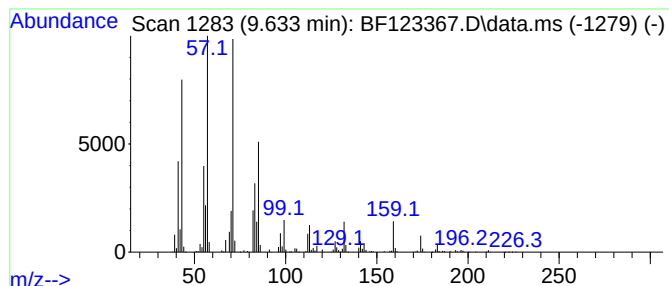
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	37.04 ng	4755200	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	58
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	49
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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ClientSampleId :
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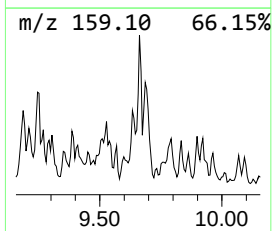
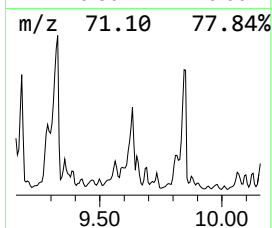
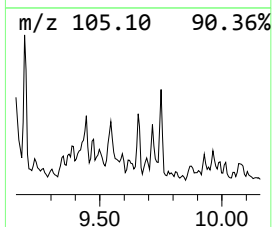
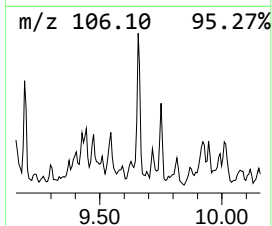
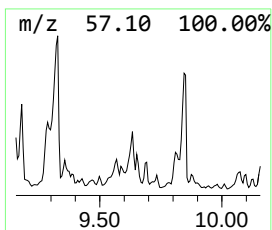
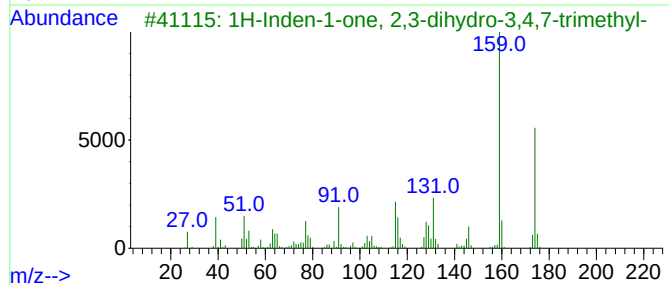
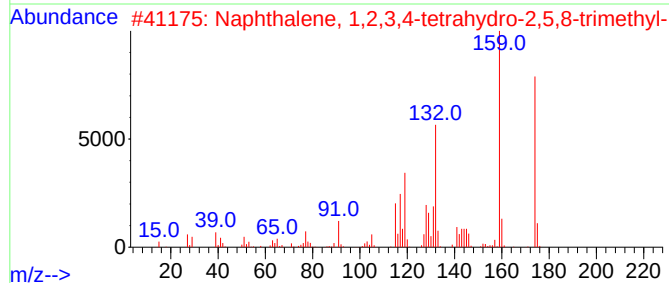
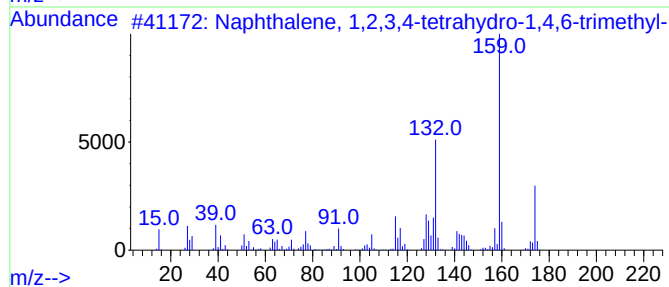
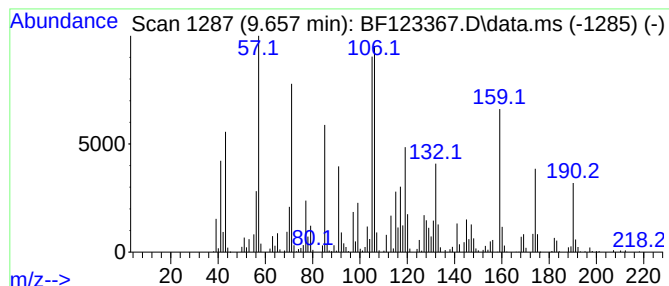
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.657 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	14.82 ng	1902900	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	35
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	30
3			1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	25
4			Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	25
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
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Sample : M1540-01 5X
Misc :
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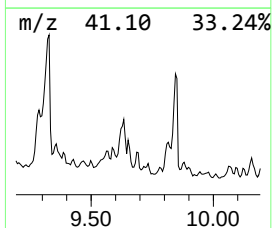
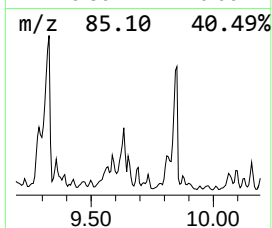
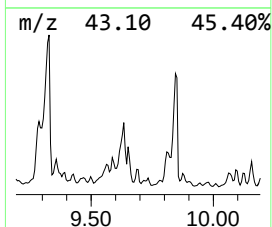
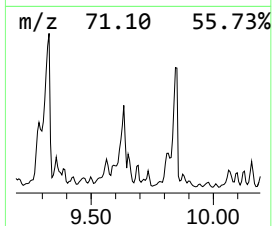
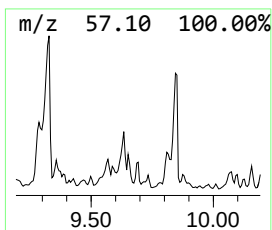
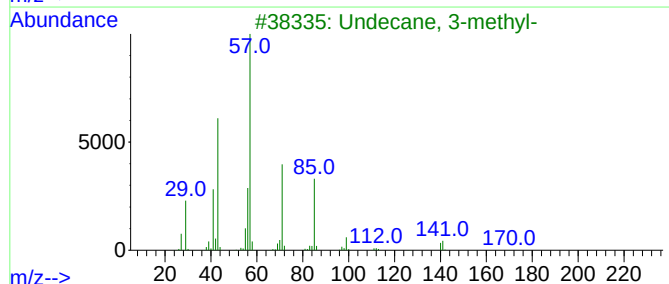
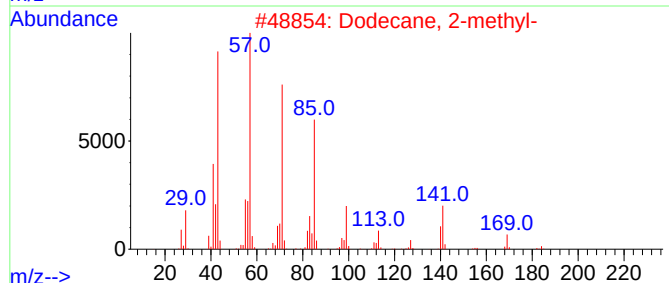
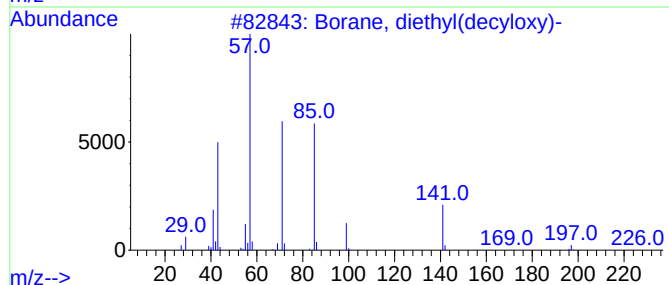
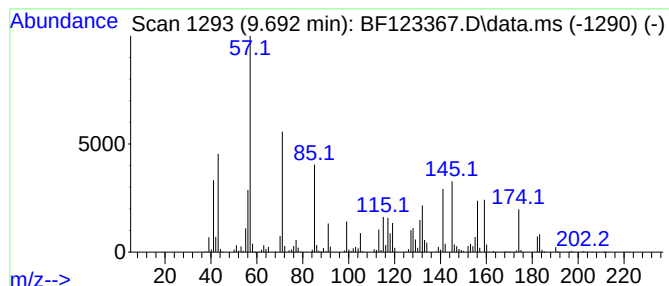
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.692 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	12.83 ng	1646630	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	35
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	30
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	27
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22
5			Heneicosane	296	C21H44	000629-94-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
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Sample : M1540-01 5X
Misc :
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Instrument :
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ClientSampleId :
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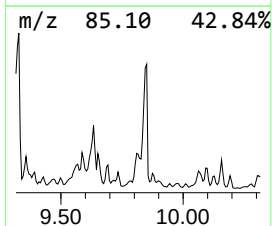
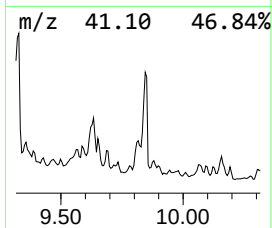
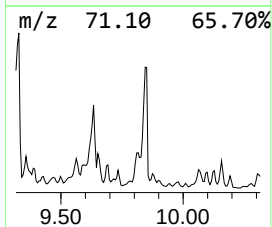
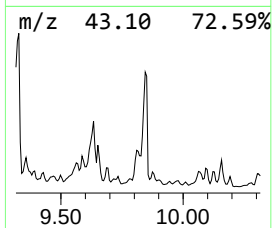
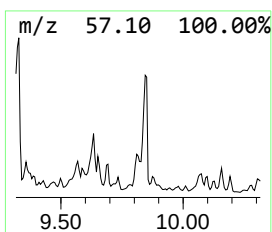
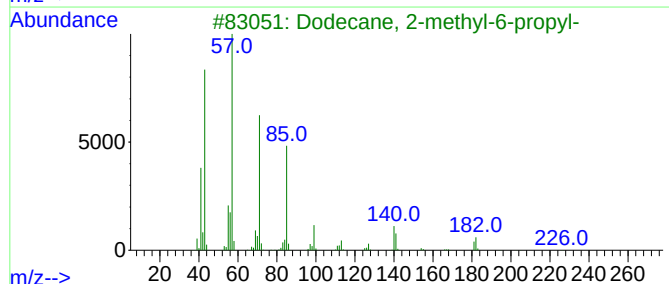
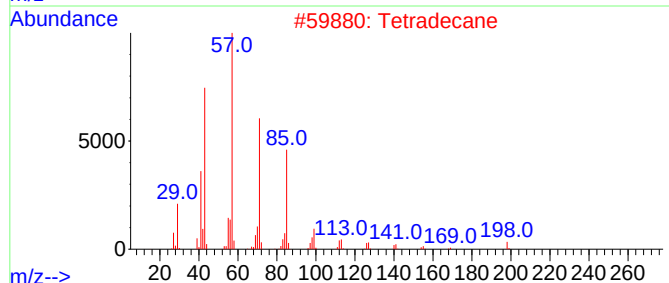
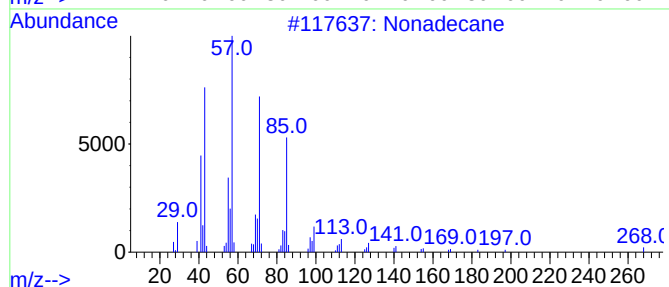
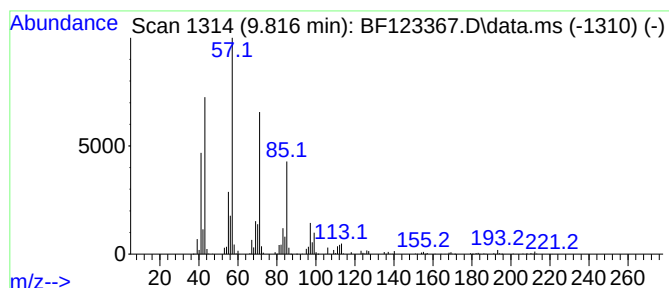
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	20.49 ng	2630600	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	87
2		Tetradecane	198	C14H30	000629-59-4	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Octacosane	394	C28H58	000630-02-4	80
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
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Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

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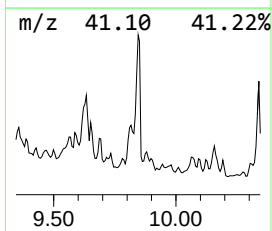
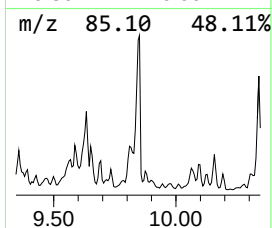
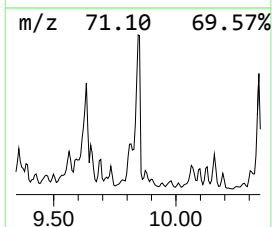
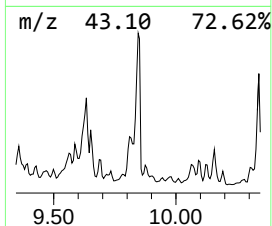
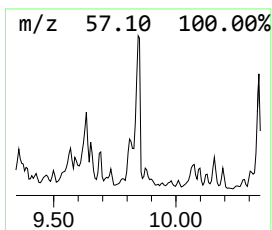
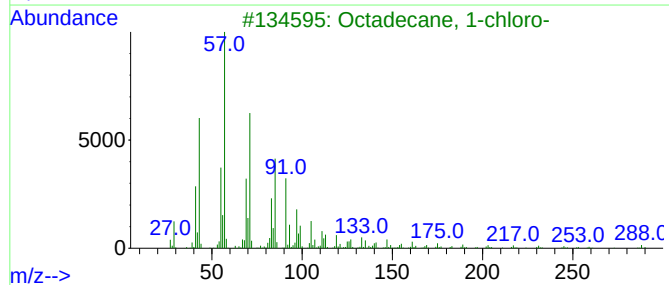
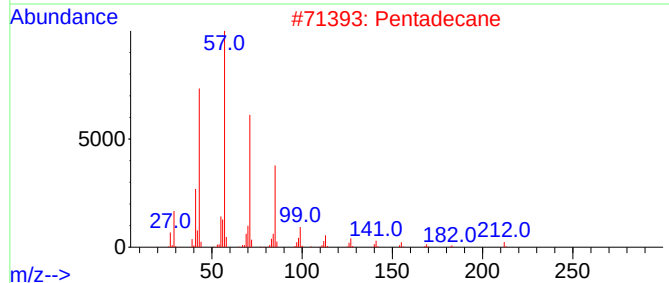
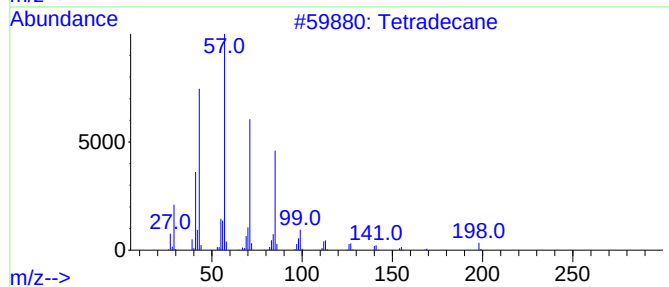
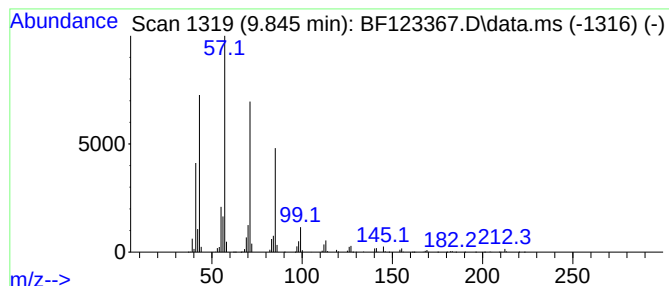
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	55.22 ng	7088570	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	83
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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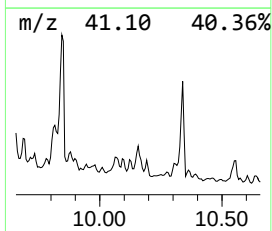
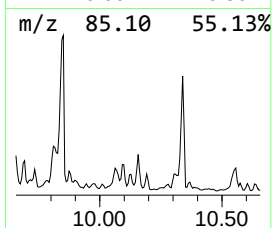
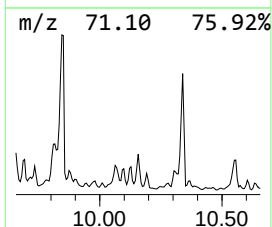
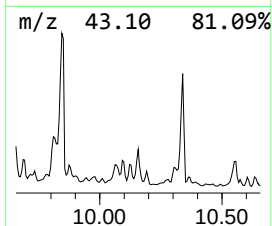
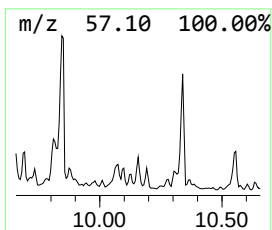
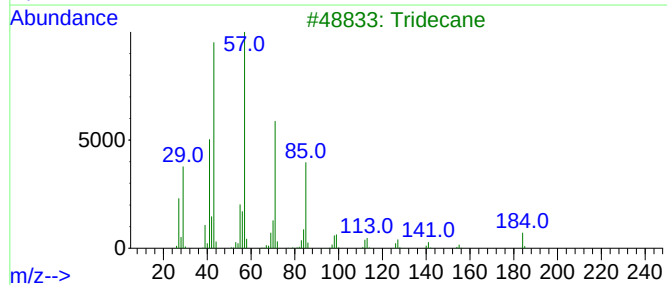
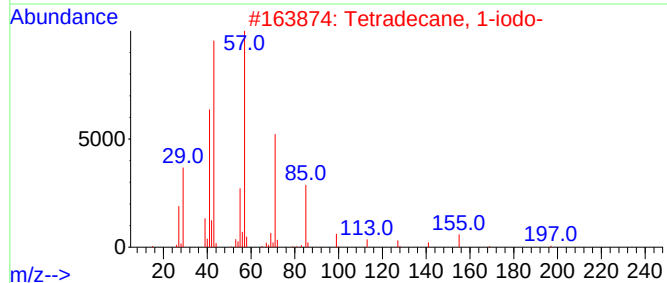
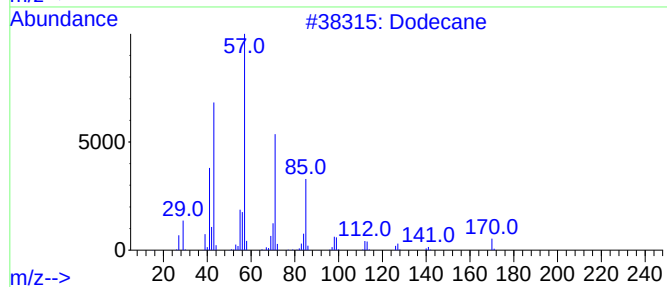
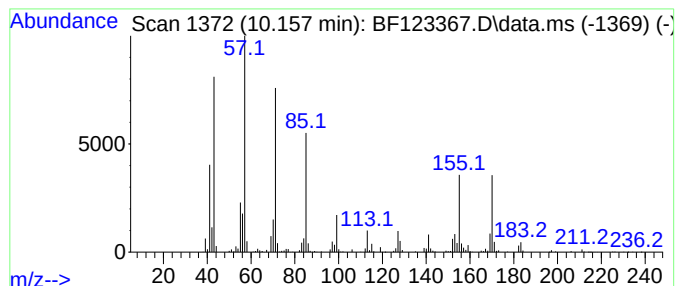
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	15.49 ng	1989160	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	87
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3			Tridecane	184	C13H28	000629-50-5	76
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
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Misc :
ALS Vial : 16 Sample Multiplier: 4

Instrument :
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ClientSampleId :
PR-01-030221

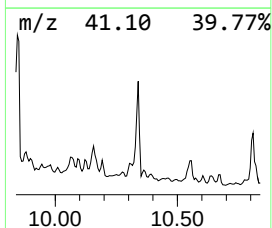
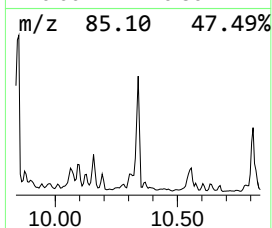
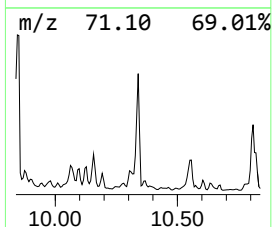
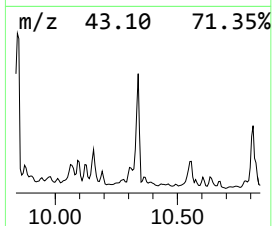
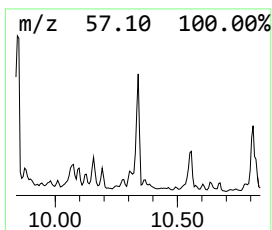
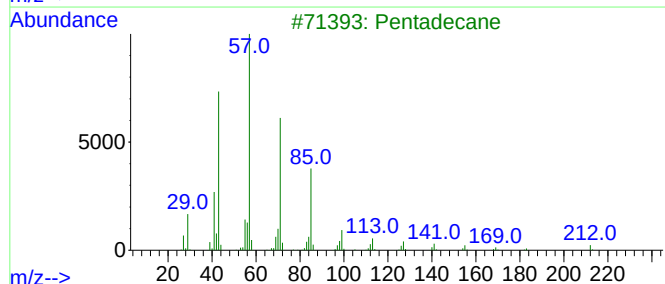
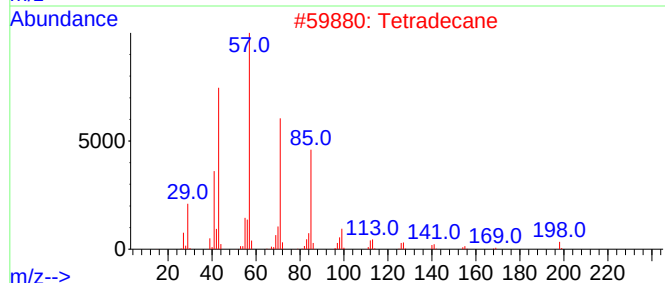
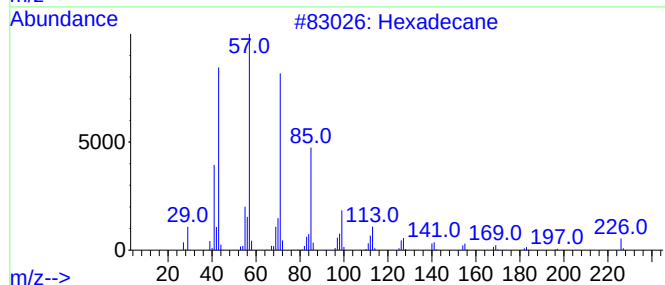
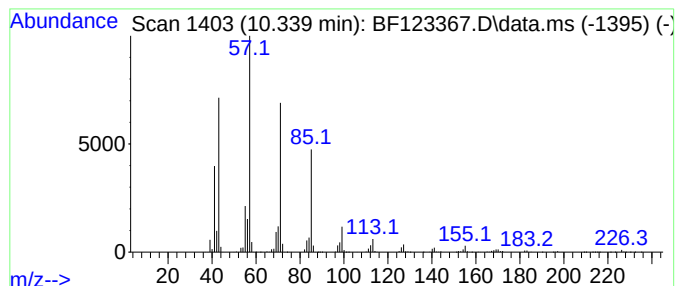
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	44.18 ng	5671640	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
Operator : JU/CG
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
PR-01-030221

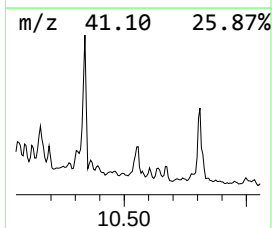
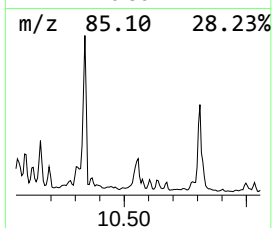
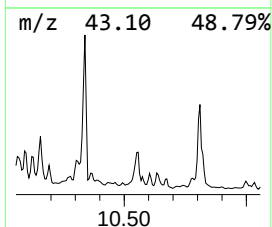
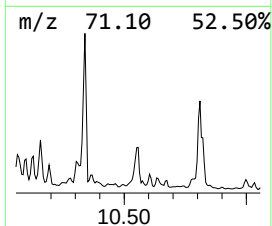
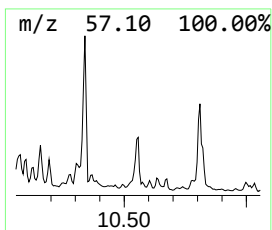
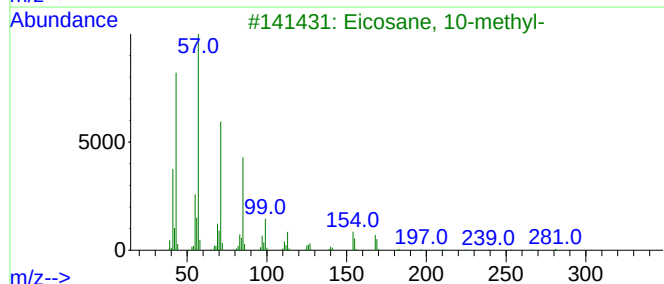
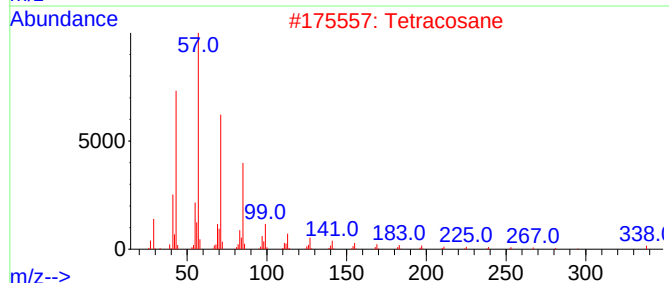
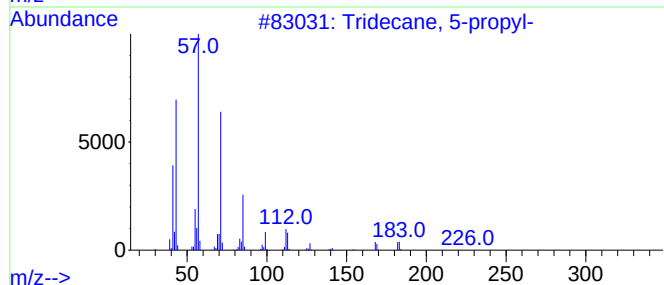
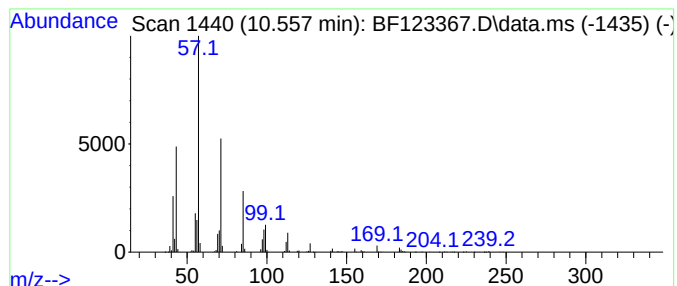
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	17.86 ng	2292670	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2			Tetracosane	338	C24H50	000646-31-1	72
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
Operator : JU/CG
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
PR-01-030221

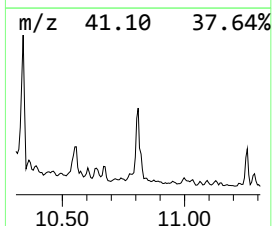
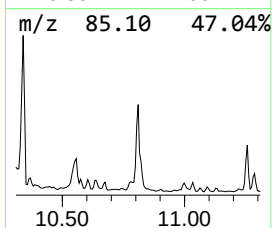
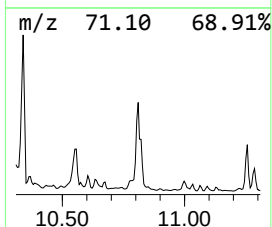
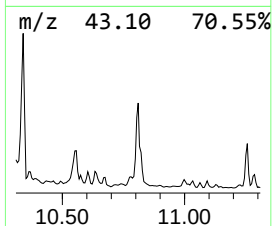
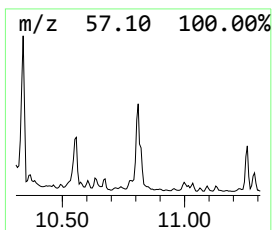
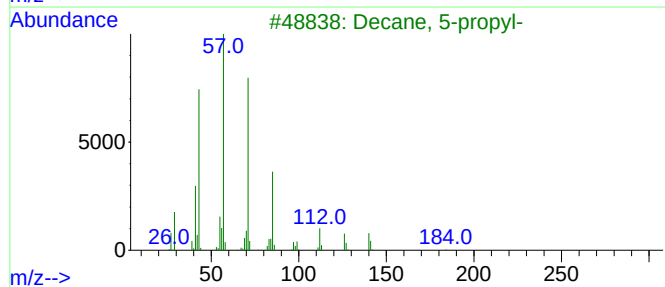
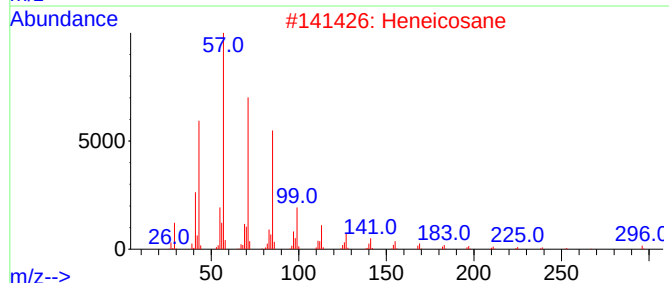
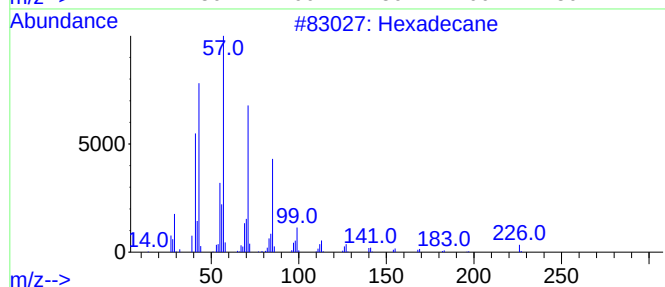
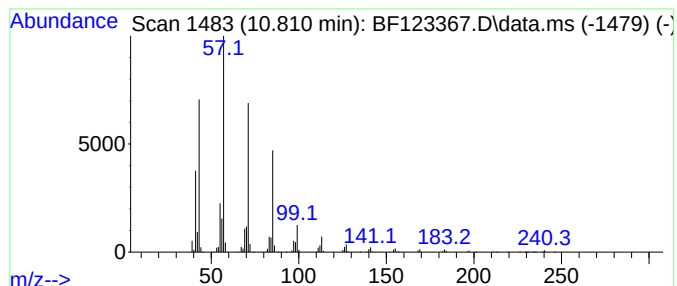
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	19.84 ng	3450400	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Decane, 5-propyl-	184	C13H28	017312-62-8	90
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	89
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123367.D
Acq On : 3 Mar 2021 21:26
Operator : JU/CG
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
PR-01-030221

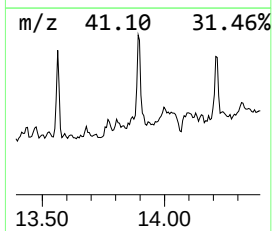
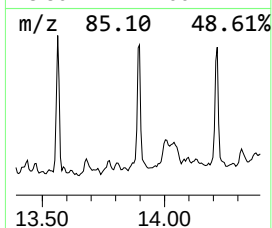
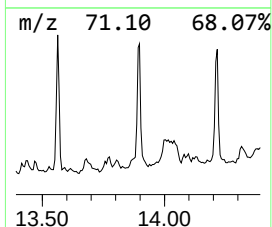
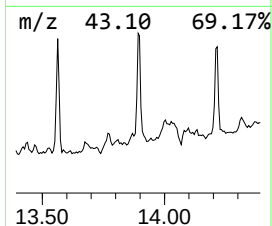
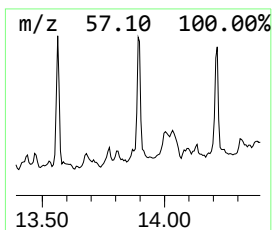
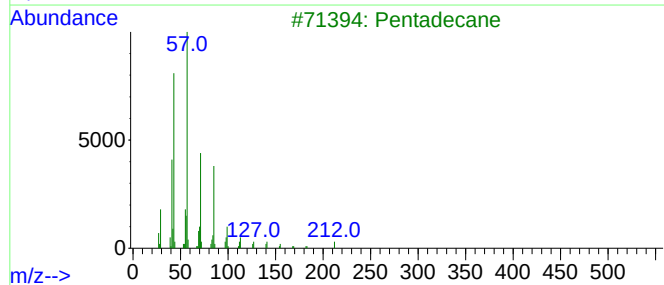
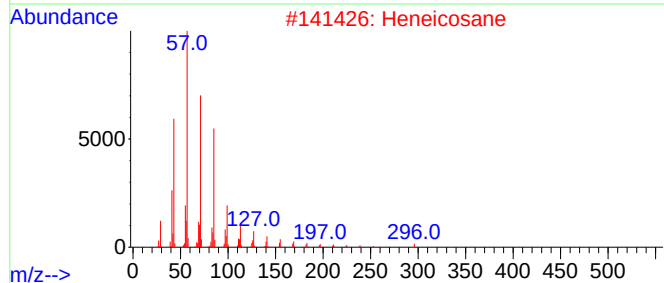
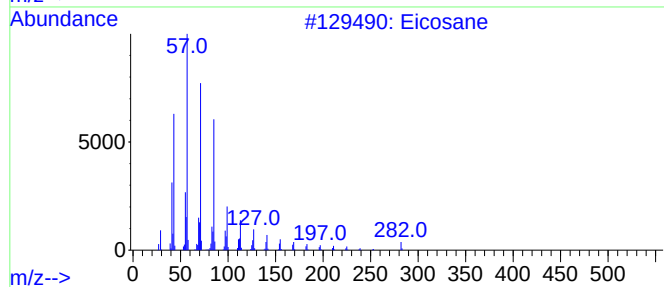
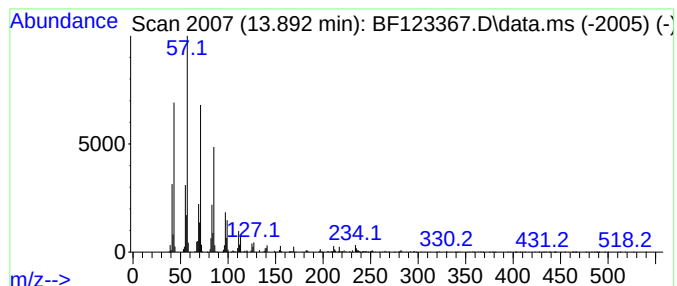
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	9.21 ng	1426640	Chrysene-d12	14.068

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	94
3		Pentadecane	212	C15H32	000629-62-9	93
4		Pentatriacontane	493	C35H72	000630-07-9	91
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123367.D
 Acq On : 3 Mar 2021 21:26
 Operator : JU/CG
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 4

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
unknown2.357	2.357	112.5	ng	28279200	1	6.869	5026090	20.0
Decane	6.710	36.8	ng	9239830	1	6.869	5026090	20.0
Cyclohexane, (2...	7.016	9.4	ng	2375870	1	6.869	5026090	20.0
Benzene, 1-meth...	7.145	18.2	ng	4570190	1	6.869	5026090	20.0
Benzene, 2-ethy...	7.192	17.7	ng	4457890	1	6.869	5026090	20.0
Undecane	7.481	71.4	ng	17946800	1	6.869	5026090	20.0
Tridecane	8.763	8.3	ng	11666200	2	8.163	28120500	20.0
Decane, 3,8-dim...	9.151	17.9	ng	2291020	3	9.916	2567540	20.0
Naphthalene, 1,...	9.386	12.7	ng	1634630	3	9.916	2567540	20.0
unknown9.592	9.592	12.6	ng	1612000	3	9.916	2567540	20.0
Tetradecane	9.633	37.0	ng	4755200	3	9.916	2567540	20.0
unknown9.657	9.657	14.8	ng	1902900	3	9.916	2567540	20.0
unknown9.692	9.692	12.8	ng	1646630	3	9.916	2567540	20.0
Nonadecane	9.816	20.5	ng	2630600	3	9.916	2567540	20.0
Pentadecane	9.845	55.2	ng	7088570	3	9.916	2567540	20.0
Dodecane	10.157	15.5	ng	1989160	3	9.916	2567540	20.0
Hexadecane	10.339	44.2	ng	5671640	3	9.916	2567540	20.0
Tridecane, 5-pr...	10.557	17.9	ng	2292670	3	9.916	2567540	20.0
Heneicosane	10.810	19.8	ng	3450400	4	11.404	3478530	20.0
Eicosane	13.892	9.2	ng	1426640	5	14.068	3097250	20.0