

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112824.D
 Acq On : 4 Mar 2019 15:12
 Operator : JU/SJ
 Sample : K1688-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-A

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-BF022719.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	5.351	550	555	566	rVB	2431186	2295417	92.20%	6.244%
2	6.375	725	729	737	rVB	2547995	2382138	95.69%	6.479%
3	6.510	748	752	756	rBV	2651244	2489510	100.00%	6.771%
4	6.575	760	763	765	rVV	77127	71117	2.86%	0.193%
5	6.598	765	767	772	rVB	158628	135217	5.43%	0.368%
6	6.745	788	792	795	rBV	1285871	1034492	41.55%	2.814%
7	6.775	795	797	800	rVB2	53820	45956	1.85%	0.125%
8	6.810	800	803	808	rVB3	40624	48654	1.95%	0.132%
9	6.904	815	819	822	rBV	1978071	1850042	74.31%	5.032%
10	7.028	837	840	844	rVB2	44825	59402	2.39%	0.162%
11	7.069	844	847	850	rVB2	77074	62492	2.51%	0.170%
12	7.098	850	852	857	rVB	49109	42479	1.71%	0.116%
13	7.145	857	860	864	rBV2	93367	80174	3.22%	0.218%
14	7.298	878	886	893	rBV	1523350	1592262	63.96%	4.331%
15	7.357	893	896	899	rVV	332645	258555	10.39%	0.703%
16	7.398	899	903	907	rVB4	43850	67770	2.72%	0.184%
17	7.469	912	915	919	rVB3	33996	36699	1.47%	0.100%
18	7.557	925	930	934	rVB3	65018	111634	4.48%	0.304%
19	7.657	939	947	949	rBV5	51940	77972	3.13%	0.212%
20	7.722	956	958	961	rVB2	44051	40784	1.64%	0.111%
21	7.763	961	965	968	rVV3	65725	100344	4.03%	0.273%
22	7.792	968	970	974	rVV2	80707	87640	3.52%	0.238%
23	7.839	975	978	979	rVV2	50805	46351	1.86%	0.126%
24	7.869	980	983	986	rVB2	61921	62007	2.49%	0.169%
25	8.028	1006	1010	1013	rBV	1605823	1479397	59.43%	4.024%
26	8.104	1021	1023	1025	rVB	93535	62725	2.52%	0.171%
27	8.204	1035	1040	1042	rBV4	25865	36417	1.46%	0.099%
28	8.328	1056	1061	1064	rBV5	71681	92652	3.72%	0.252%
29	8.386	1068	1071	1073	rBV3	58292	46014	1.85%	0.125%
30	8.416	1073	1076	1080	rBV2	77475	72975	2.93%	0.198%
31	8.463	1081	1084	1088	rBV2	101186	94699	3.80%	0.258%
32	8.533	1093	1096	1100	rBV2	86297	83192	3.34%	0.226%
33	8.633	1108	1113	1116	rBV	319125	295505	11.87%	0.804%
34	8.686	1120	1122	1125	rVV2	55500	61410	2.47%	0.167%

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35	8.728	1126	1129	1136	rVB3	50377	74226	2.98%	0.202%
36	8.851	1144	1150	1152	rBV4	60165	75511	3.03%	0.205%
37	8.910	1158	1160	1162	rBV2	38686	35705	1.43%	0.097%
38	8.992	1172	1174	1178	rVB	56425	45172	1.81%	0.123%
39	9.033	1178	1181	1183	rBV2	38089	39434	1.58%	0.107%
40	9.063	1183	1186	1189	rVB2	83246	69567	2.79%	0.189%
41	9.098	1189	1192	1198	rBV	2534754	2256404	90.64%	6.137%
42	9.192	1205	1208	1214	rBV	289213	245615	9.87%	0.668%
43	9.251	1214	1218	1221	rVV2	30594	37041	1.49%	0.101%
44	9.357	1231	1236	1243	rBV9	31706	72775	2.92%	0.198%
45	9.422	1243	1247	1248	rBV4	27912	34194	1.37%	0.093%
46	9.492	1257	1259	1261	rBV	133610	125195	5.03%	0.341%
47	9.516	1261	1263	1264	rVV	75381	58000	2.33%	0.158%
48	9.533	1264	1266	1270	rVB3	45471	36290	1.46%	0.099%
49	9.722	1295	1298	1302	rVB	231230	173372	6.96%	0.472%
50	9.775	1302	1307	1315	rBV	1439493	1306589	52.48%	3.554%
51	9.957	1334	1338	1340	rBV3	27815	41595	1.67%	0.113%
52	9.980	1340	1342	1345	rVB2	41024	38772	1.56%	0.105%
53	10.045	1350	1353	1356	rVB3	46212	46574	1.87%	0.127%
54	10.222	1379	1383	1385	rVB	164955	138107	5.55%	0.376%
55	10.439	1416	1420	1423	rBV	65934	69710	2.80%	0.190%
56	10.557	1436	1440	1454	rVB	1589654	1460397	58.66%	3.972%
57	10.692	1460	1463	1470	rBV	160834	198341	7.97%	0.539%
58	11.139	1535	1539	1542	rBV2	113928	108242	4.35%	0.294%
59	11.169	1542	1544	1549	rVB	56388	52750	2.12%	0.143%
60	11.251	1554	1558	1561	rBV	1276445	1170602	47.02%	3.184%
61	11.327	1568	1571	1574	rVB	43108	45118	1.81%	0.123%
62	11.563	1608	1611	1613	rBV	105594	90454	3.63%	0.246%
63	11.657	1624	1627	1633	rVB	963132	834215	33.51%	2.269%
64	11.786	1646	1649	1653	rBV2	312210	310423	12.47%	0.844%
65	11.863	1659	1662	1665	rBV	57435	64255	2.58%	0.175%
66	11.969	1677	1680	1683	rBV	77257	53372	2.14%	0.145%
67	12.304	1734	1737	1740	rBV	45102	47872	1.92%	0.130%
68	12.339	1740	1743	1745	rBV	2302676	2187055	87.85%	5.949%
69	12.363	1745	1747	1750	rVB	2777691	2214417	88.95%	6.023%
70	12.451	1759	1762	1767	rBV2	427503	562873	22.61%	1.531%
71	12.492	1767	1769	1778	rVB3	125756	206023	8.28%	0.560%

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72	12.569	1779	1782	1788	rVV2	120049	124027	4.98%	0.337%
73	12.686	1797	1802	1806	rBV	257916	297528	11.95%	0.809%
74	12.727	1806	1809	1811	rVB2	57700	47854	1.92%	0.130%
75	12.833	1823	1827	1830	rBV	2389693	1992678	80.04%	5.420%
76	13.004	1854	1856	1858	rBV2	58311	67219	2.70%	0.183%
77	13.080	1866	1869	1873	rVB2	95667	120972	4.86%	0.329%
78	13.168	1882	1884	1888	rBV	63462	61850	2.48%	0.168%
79	13.421	1924	1927	1929	rBV	82390	79771	3.20%	0.217%
80	13.739	1978	1981	1990	rVB2	290000	378582	15.21%	1.030%
81	13.880	2000	2005	2008	rBV	1515656	1466113	58.89%	3.988%
82	13.904	2008	2009	2012	rVB	98766	54564	2.19%	0.148%
83	14.063	2034	2036	2040	rVB	139869	119147	4.79%	0.324%
84	14.368	2085	2088	2091	rBV	161131	147906	5.94%	0.402%
85	14.663	2136	2138	2146	rBV2	194883	226982	9.12%	0.617%
86	14.986	2190	2193	2197	rVB2	239356	257696	10.35%	0.701%
87	15.292	2241	2245	2249	rVV	892287	1040139	41.78%	2.829%
88	15.345	2251	2254	2258	rVB	212915	251357	10.10%	0.684%

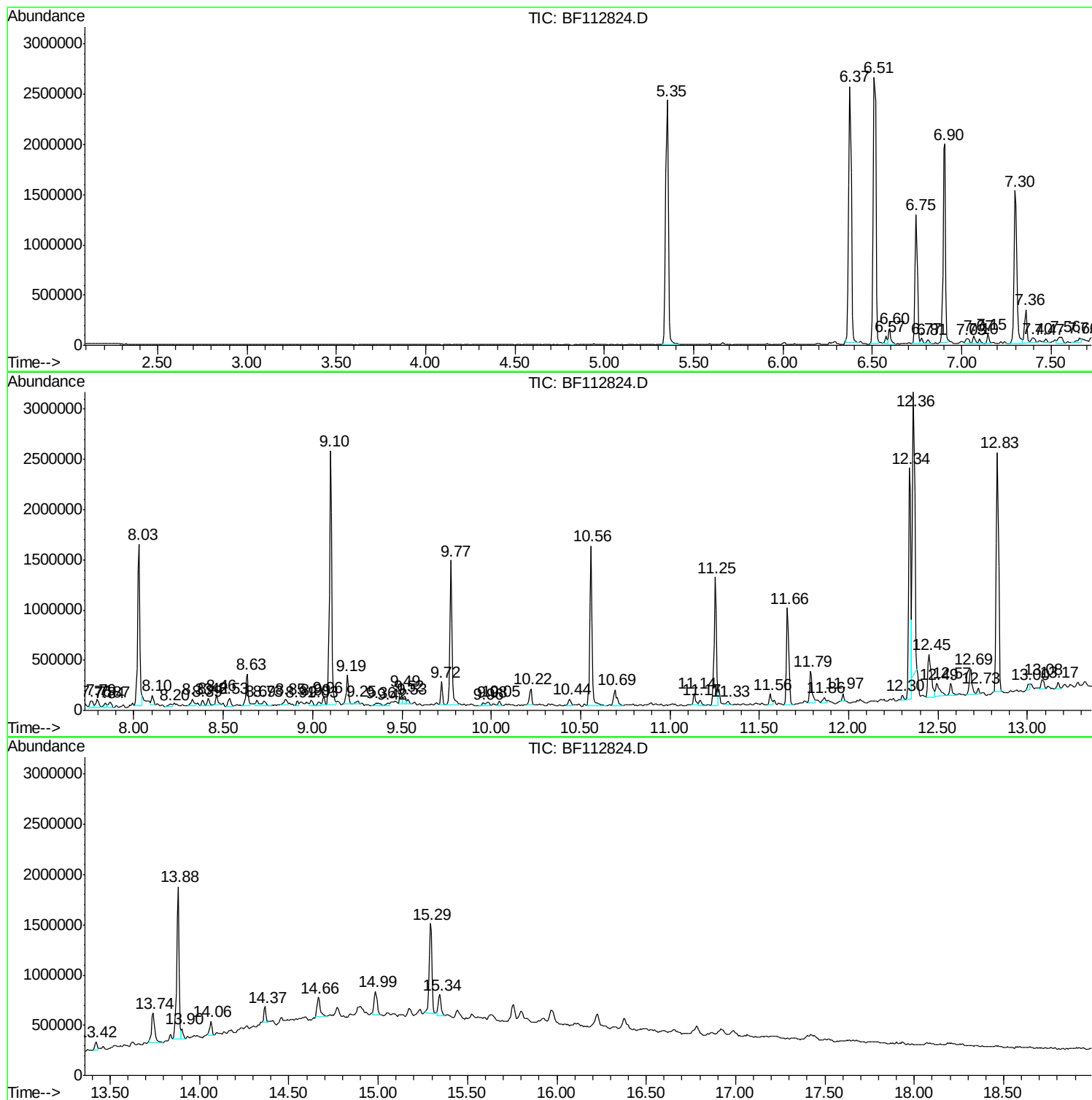
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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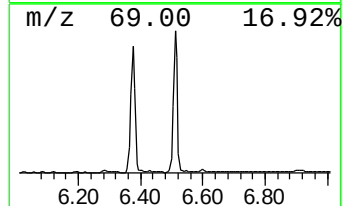
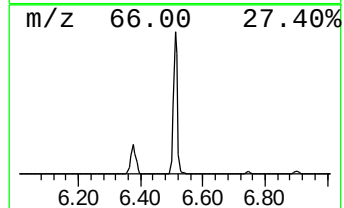
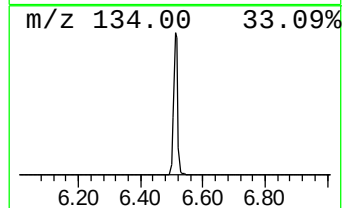
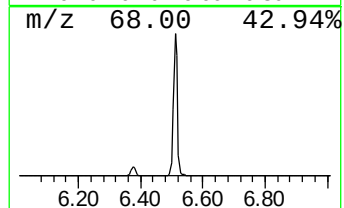
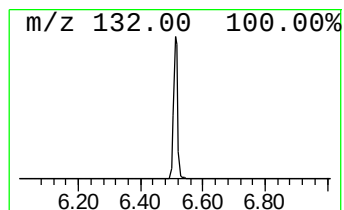
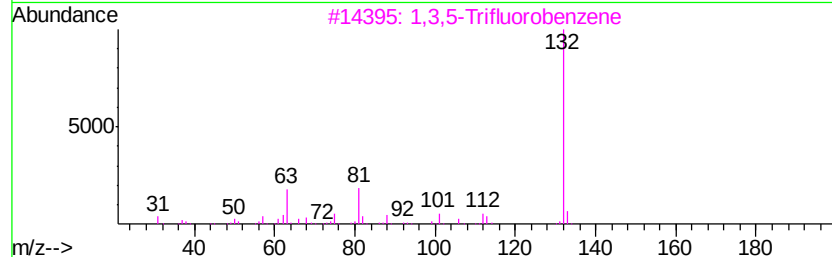
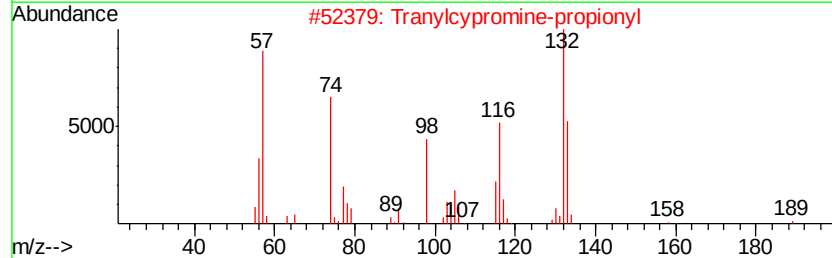
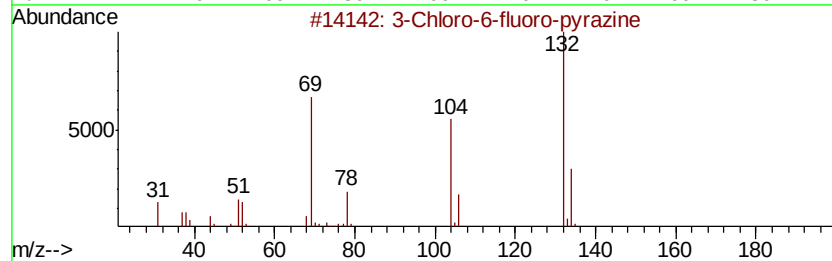
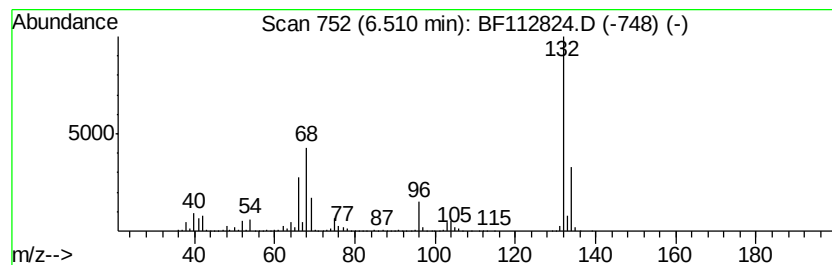
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	48.13 ng	2489510	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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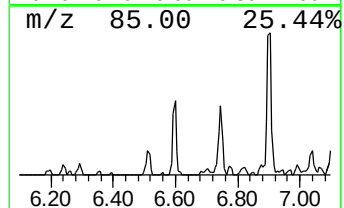
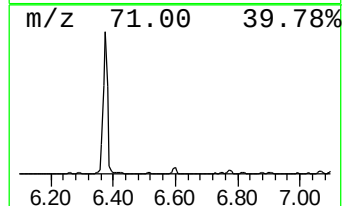
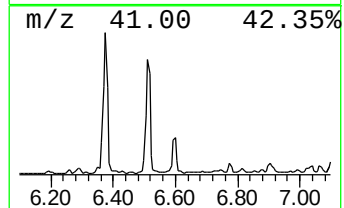
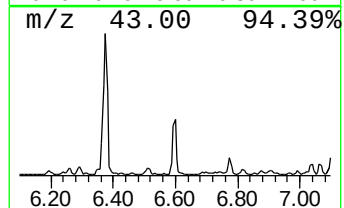
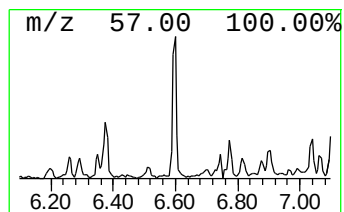
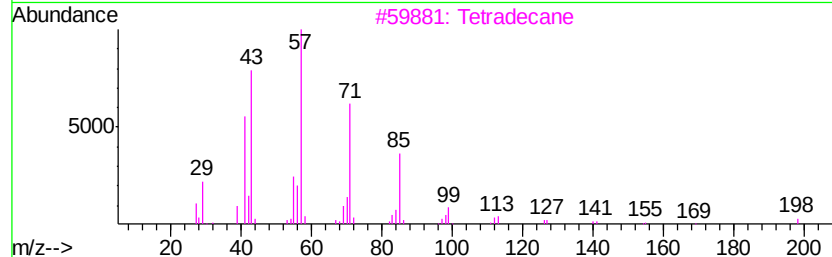
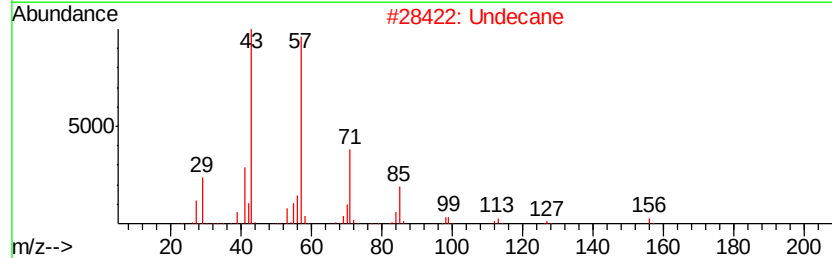
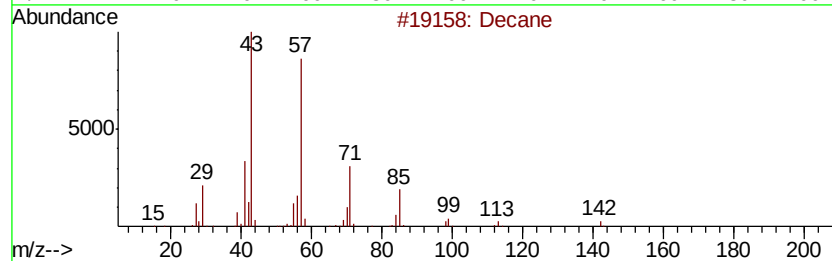
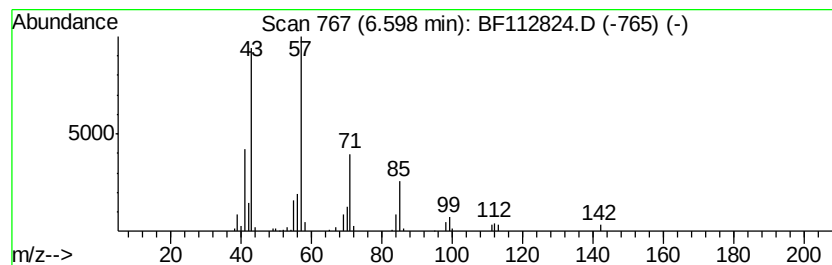
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.60	2.61 ng	135217	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
5	Hexadecane	226	C16H34	000544-76-3	72



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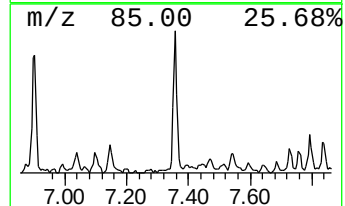
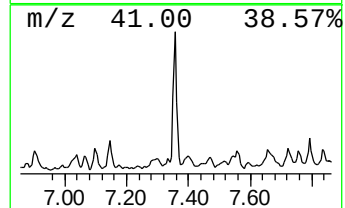
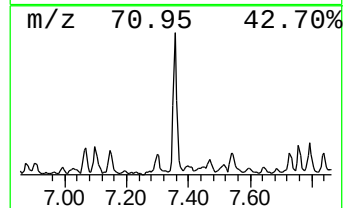
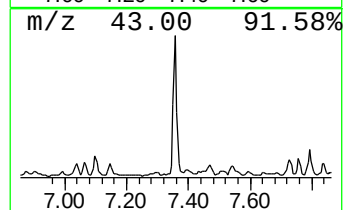
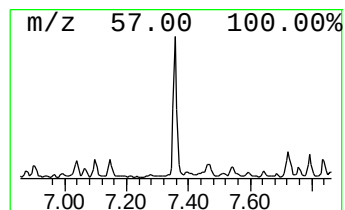
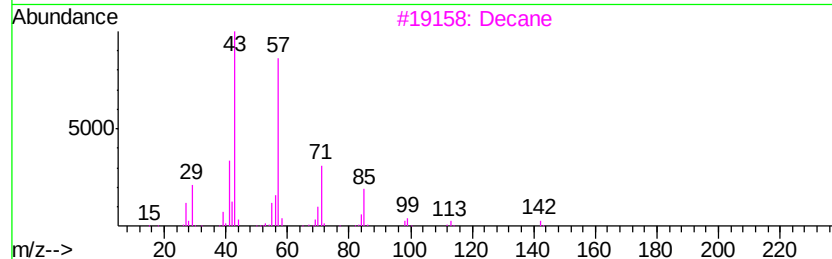
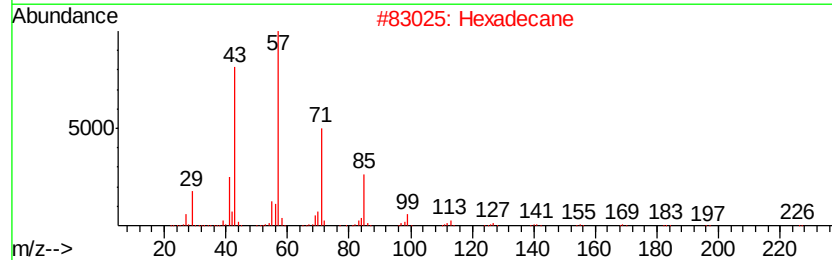
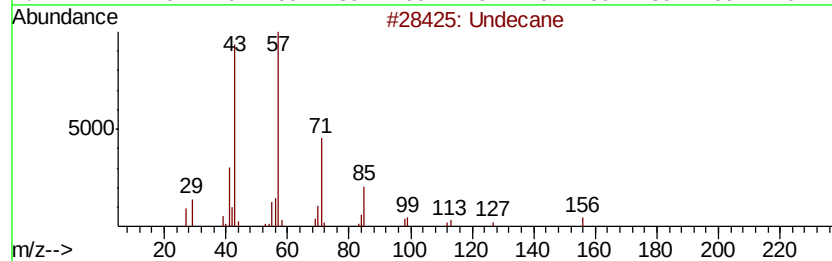
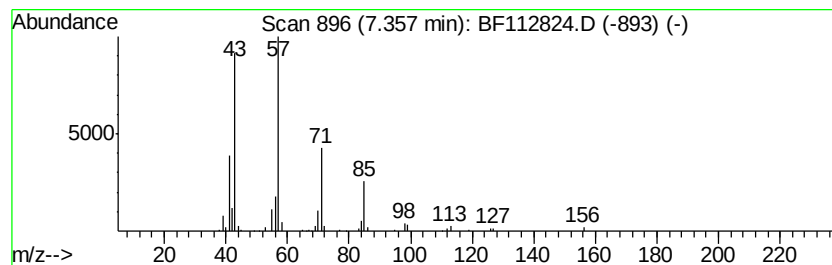
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	5.00 ng	258555	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	94
2	Hexadecane		226	C16H34	000544-76-3	90
3	Decane		142	C10H22	000124-18-5	83
4	Tridecane		184	C13H28	000629-50-5	78
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	64



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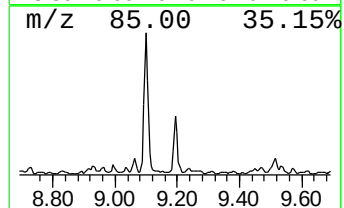
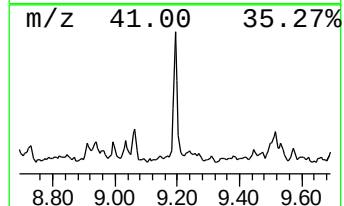
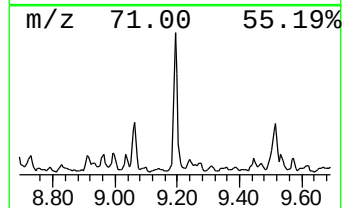
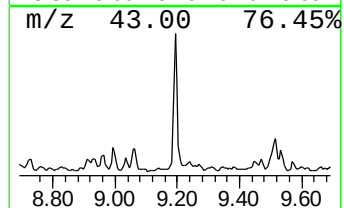
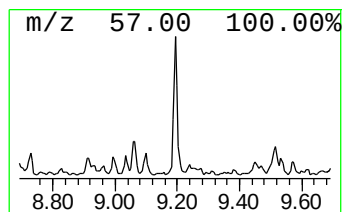
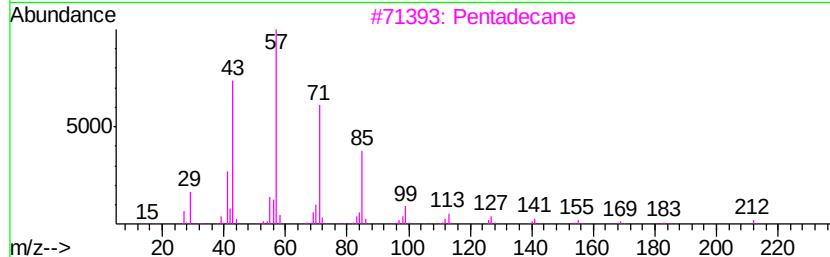
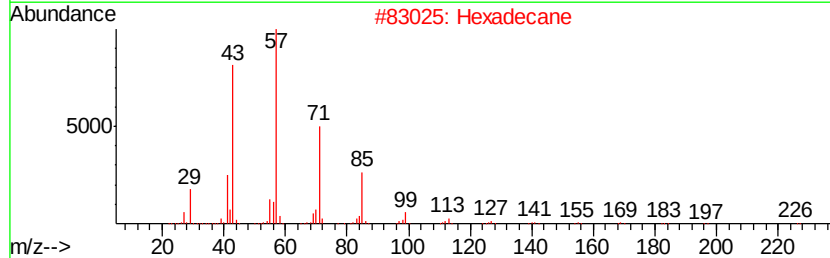
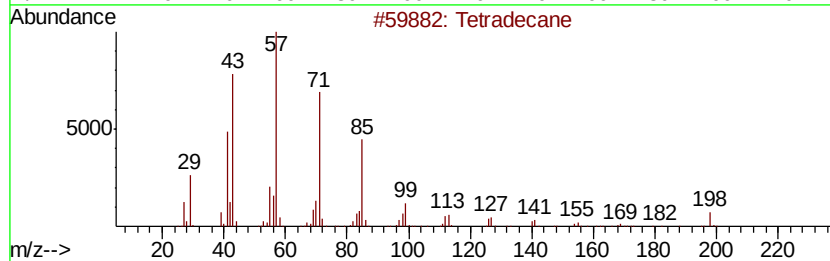
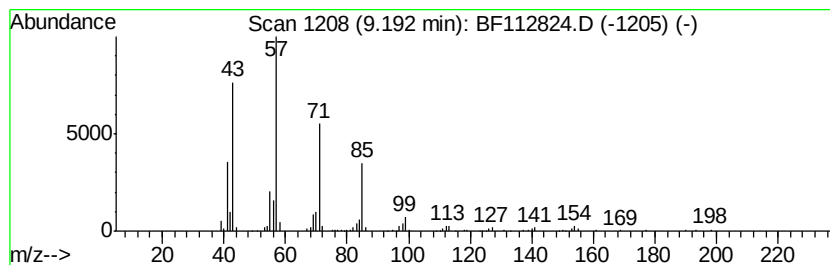
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.76 ng	245615	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
Operator : JU/SJ
Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-A

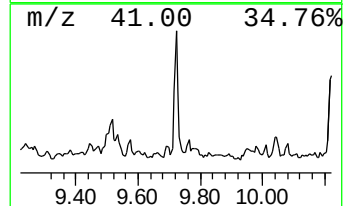
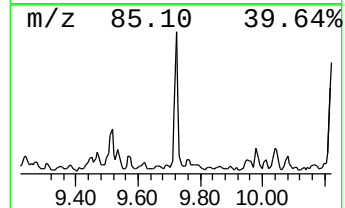
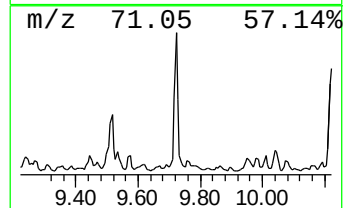
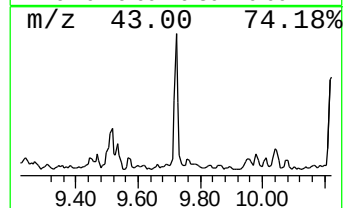
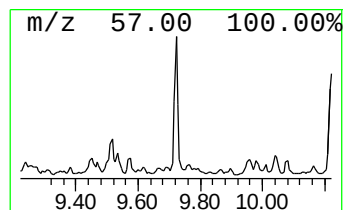
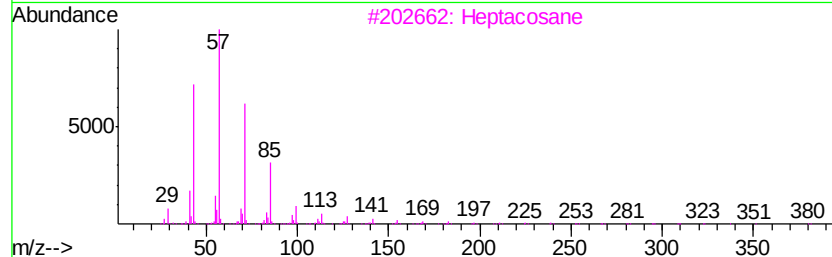
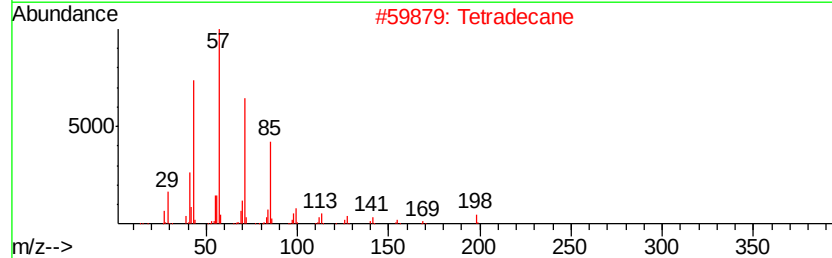
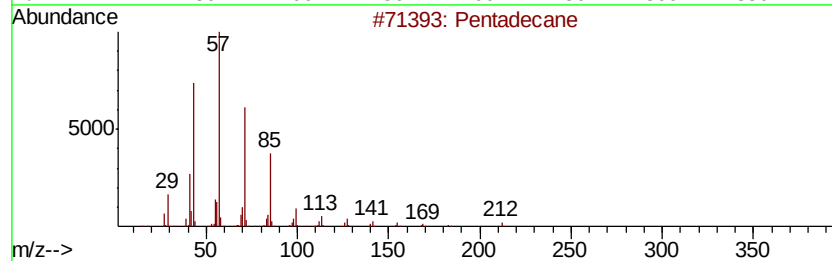
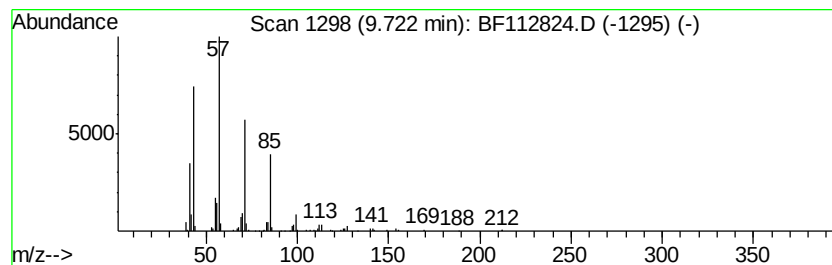
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.65 ng	173372	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Heptacosane	380	C27H56	000593-49-7	83
4		Tridecane	184	C13H28	000629-50-5	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
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Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

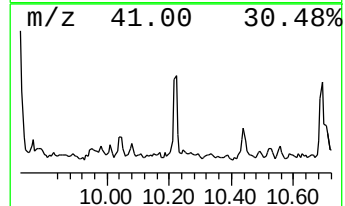
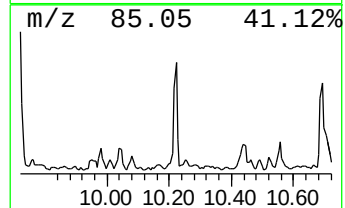
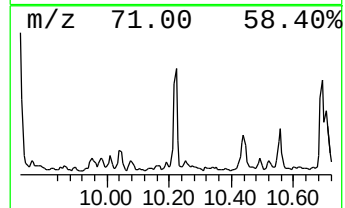
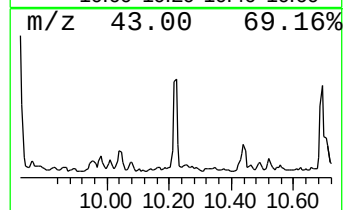
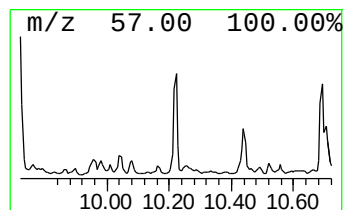
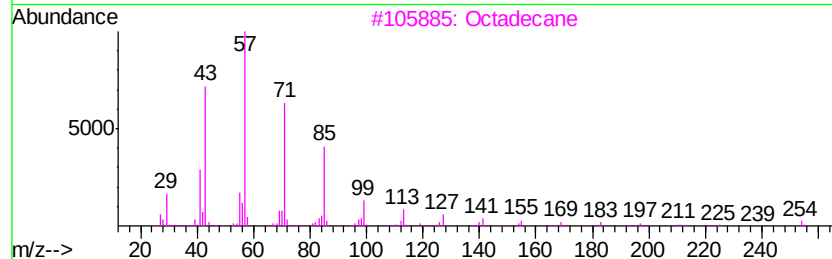
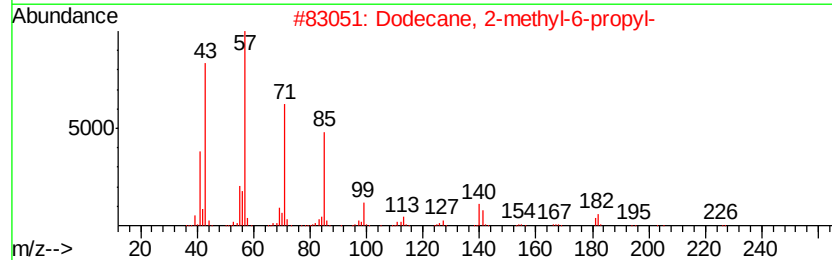
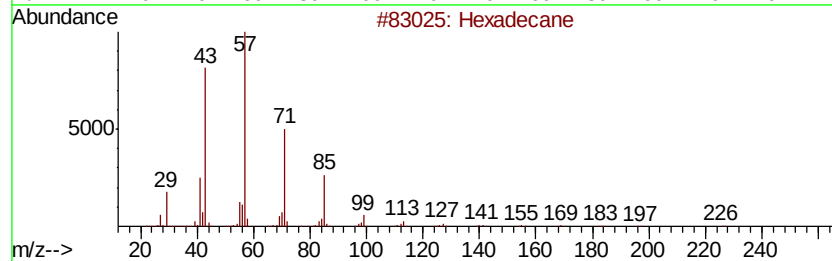
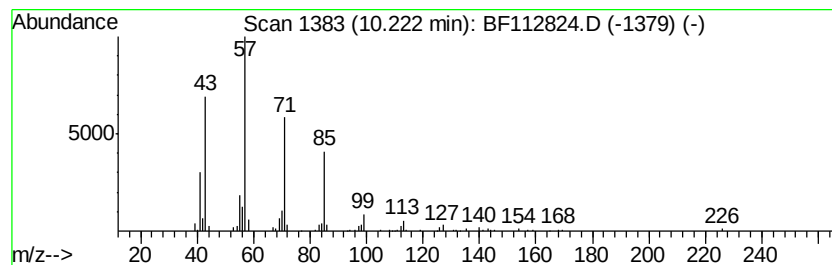
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.11 ng	138107	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	97
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
3	Octadecane	254 C18H38	000593-45-3	78
4	Tridecane	184 C13H28	000629-50-5	72
5	Bacchotricuneatin c	342 C20H22O5	066563-30-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Instrument :
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ClientSampleId :
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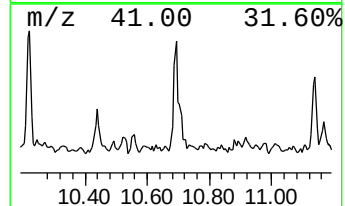
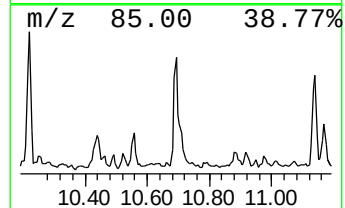
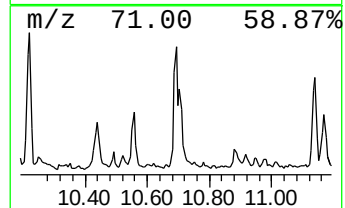
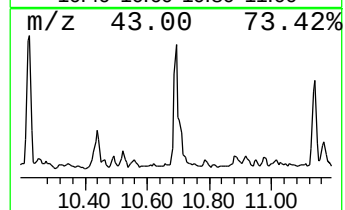
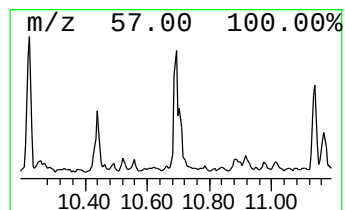
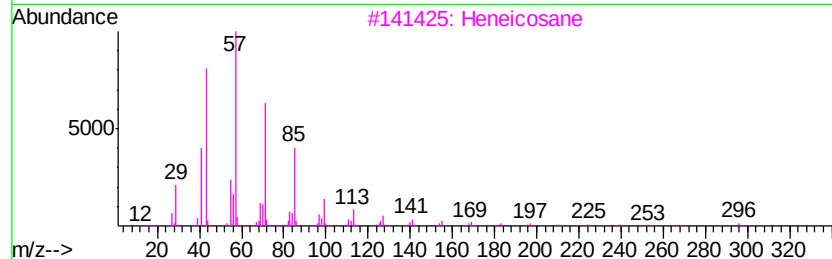
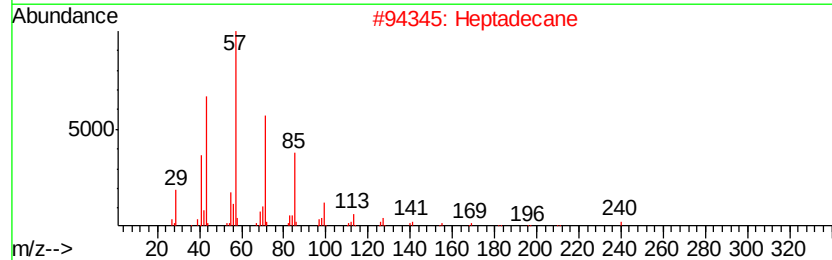
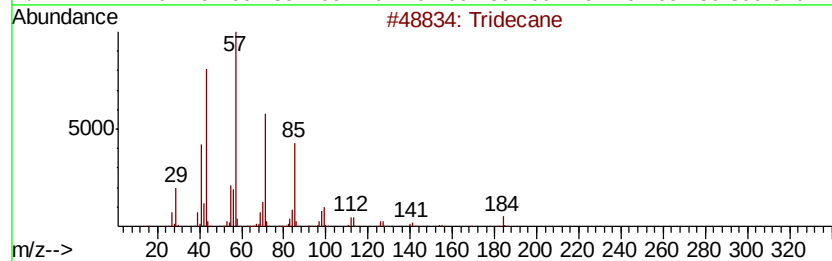
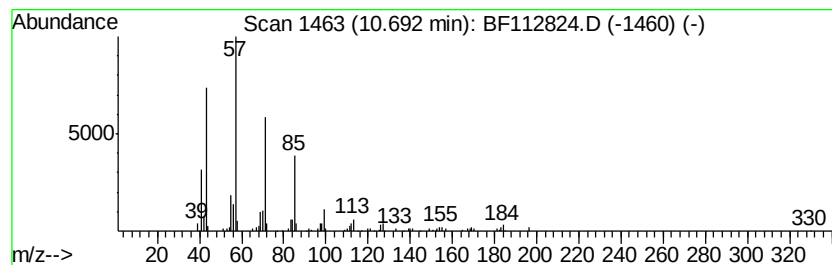
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.39 ng	198341	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tritetracontane	605	C43H88	007098-21-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Sample : K1688-01 2X
Misc :
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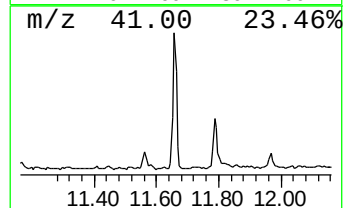
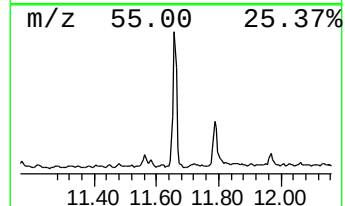
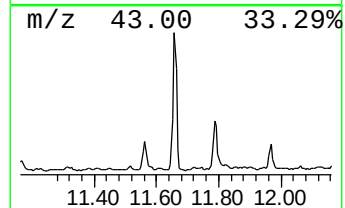
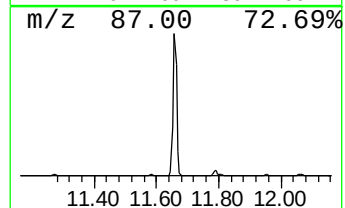
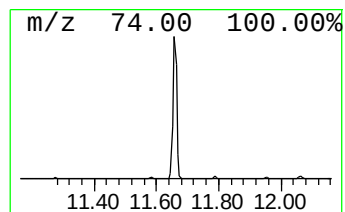
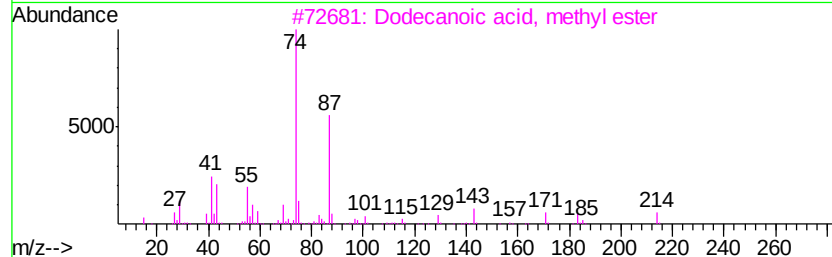
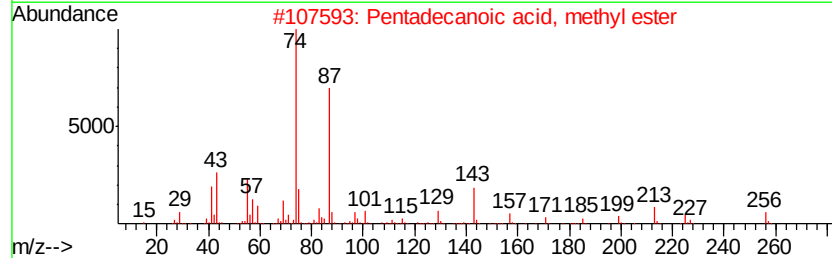
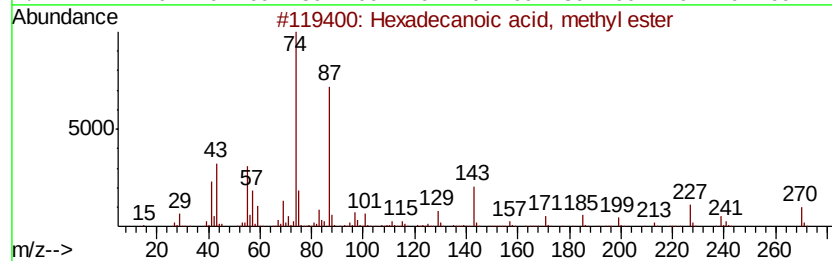
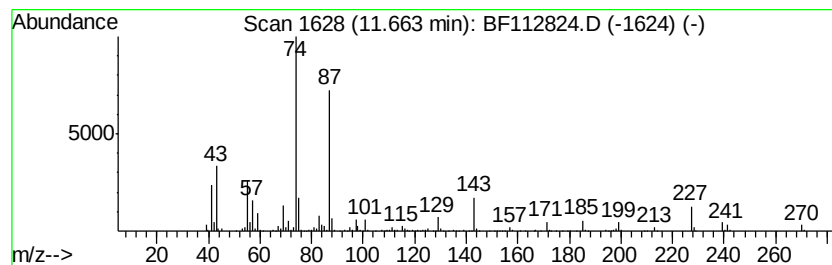
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	14.25 ng	834215	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
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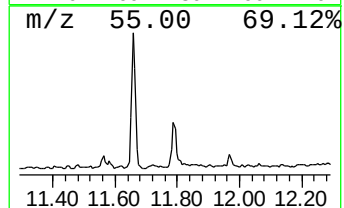
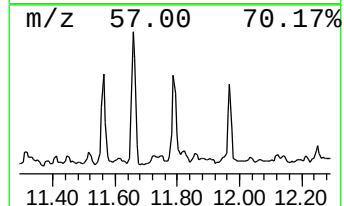
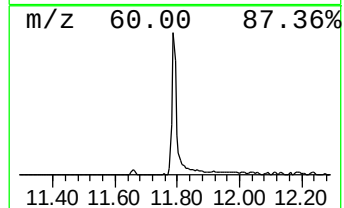
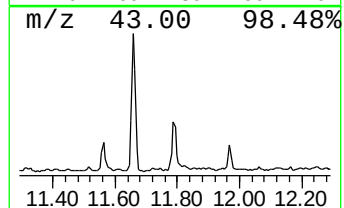
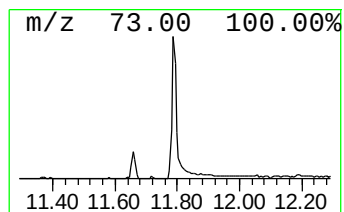
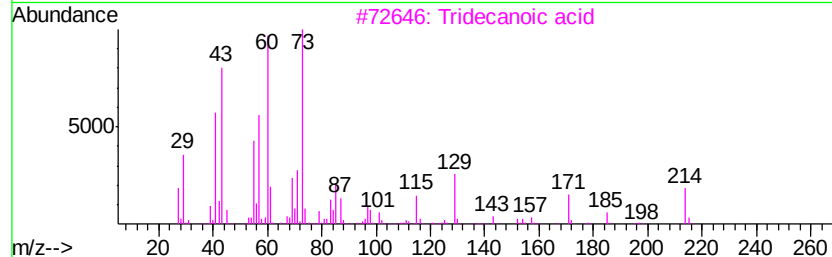
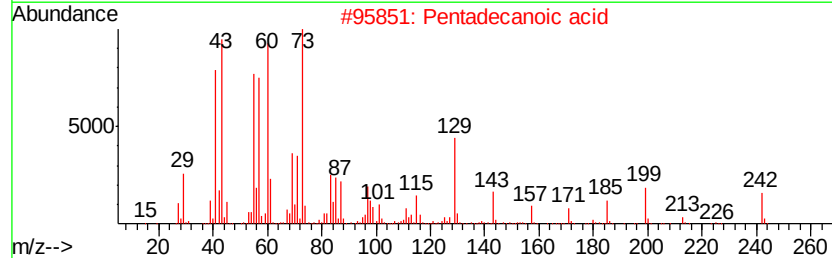
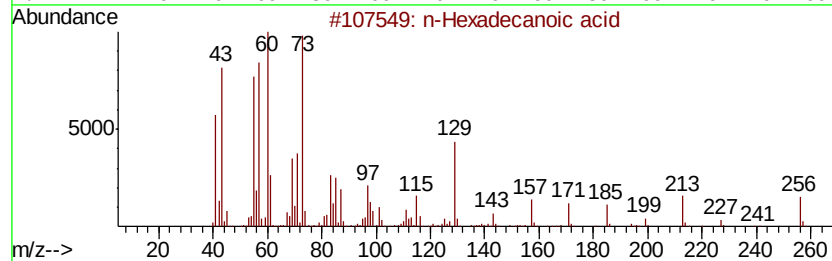
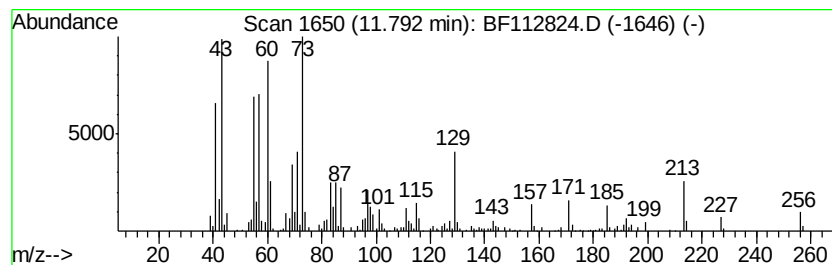
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.30 ng	310423	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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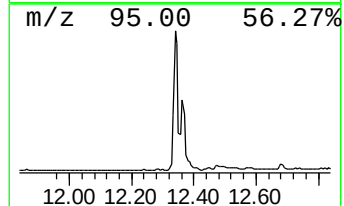
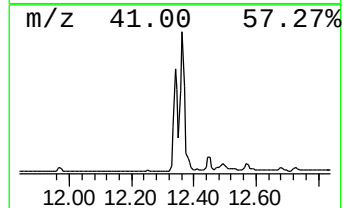
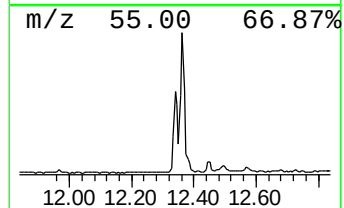
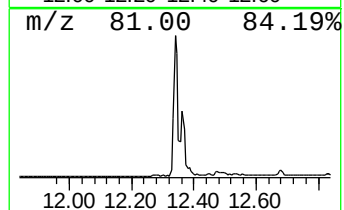
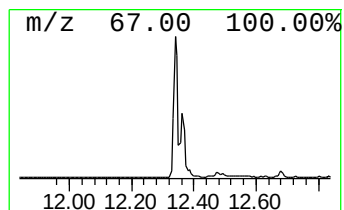
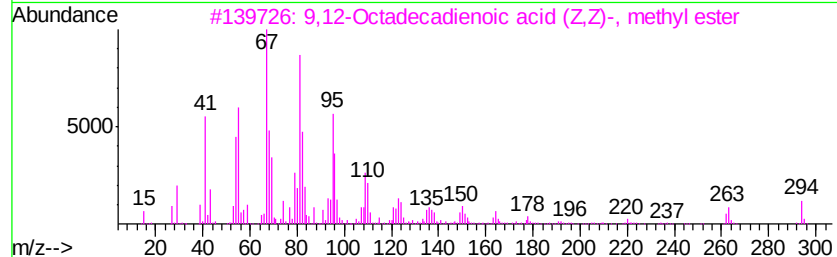
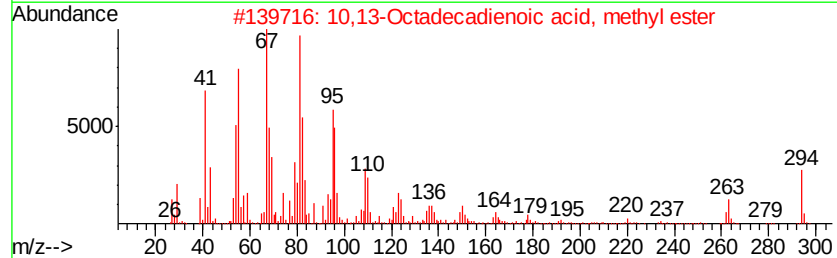
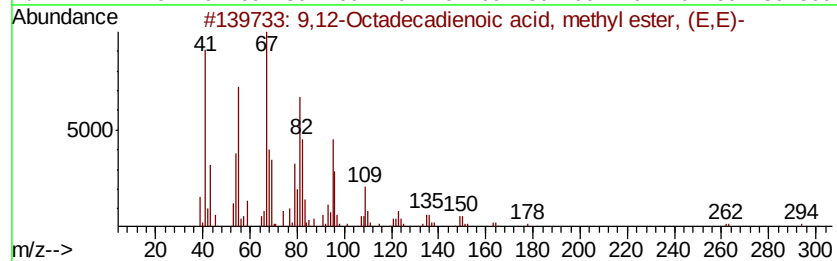
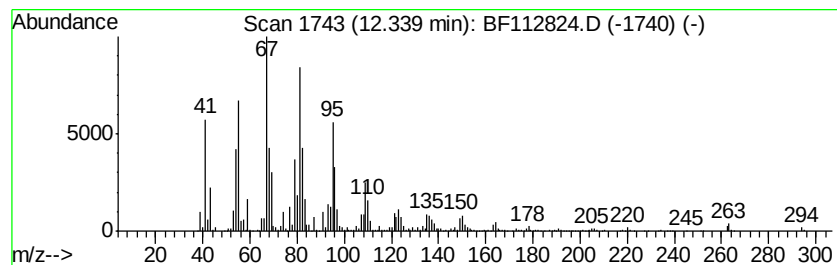
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	37.37 ng	2187060	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-A

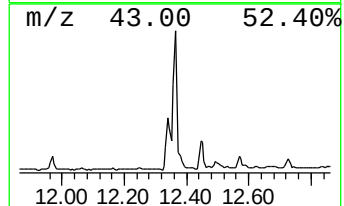
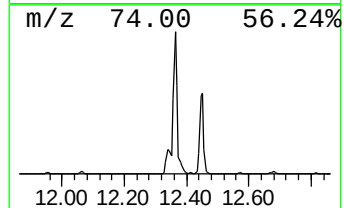
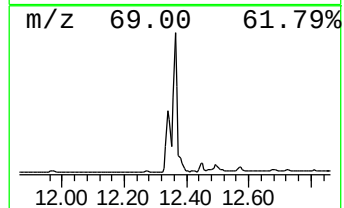
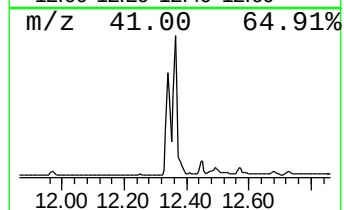
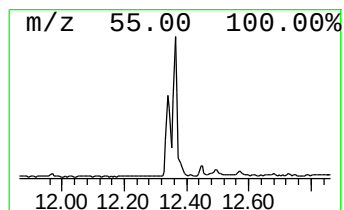
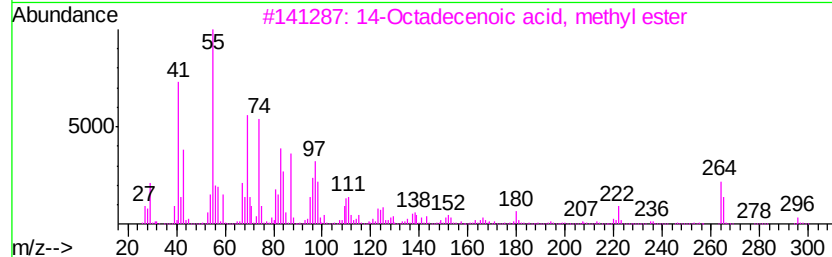
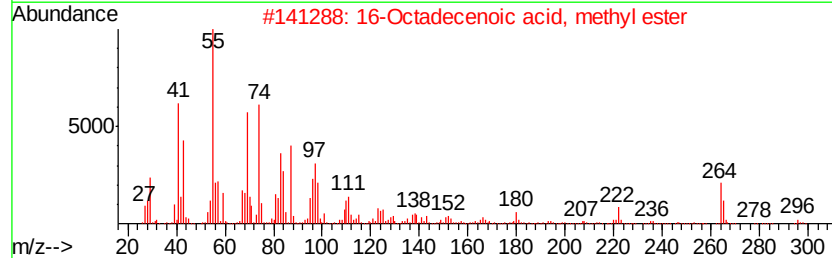
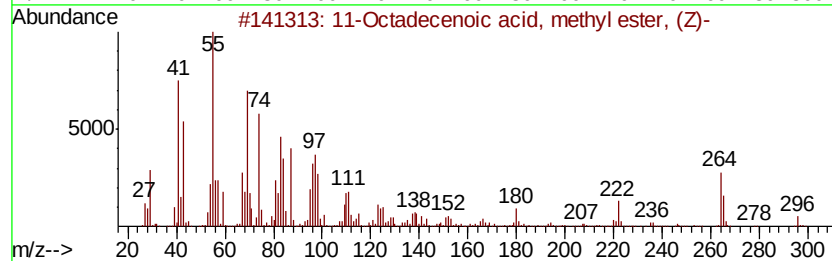
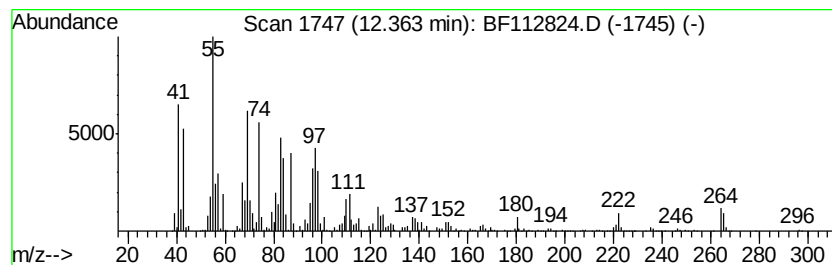
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	37.83 ng	2214420	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
Operator : JU/SJ
Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

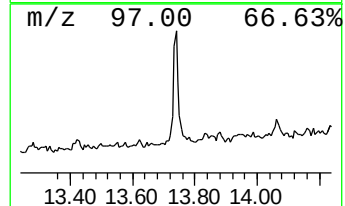
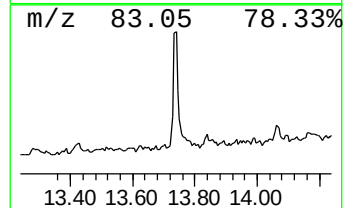
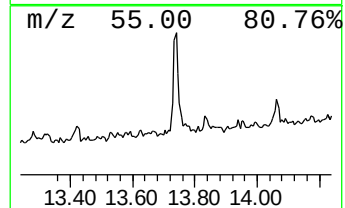
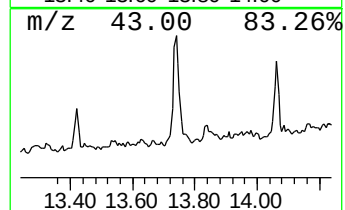
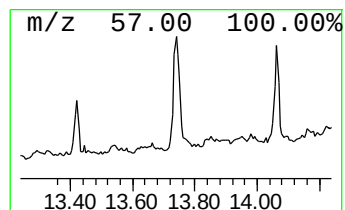
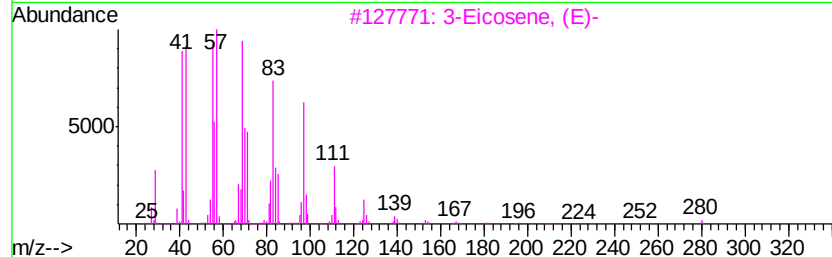
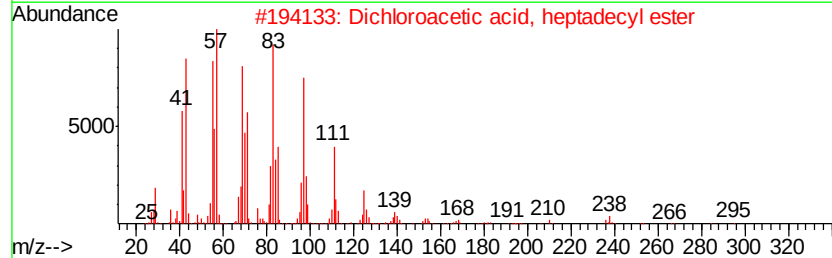
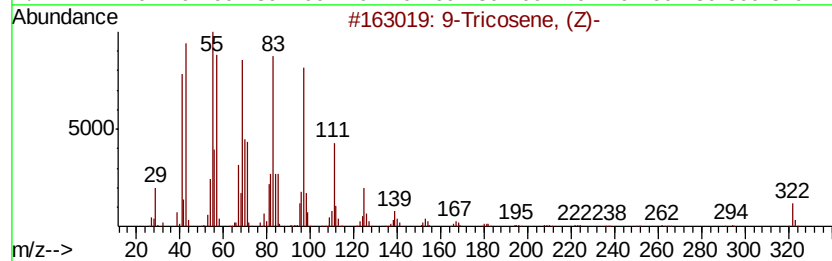
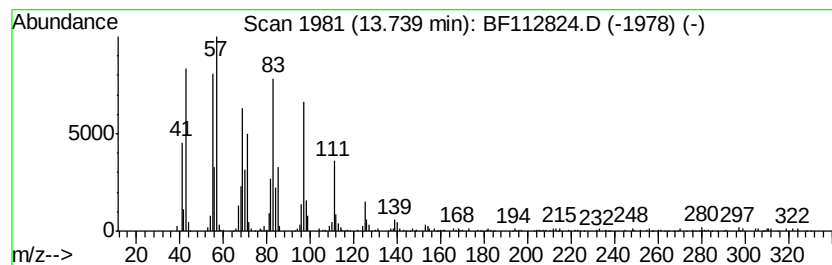
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Tricosene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.16 ng	378582	Chrysene-d12	13.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	94
2	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
3	3-Eicosene, (E)-	280 C20H40	074685-33-9	93
4	1-Heneicosanol	312 C21H44O	015594-90-8	93
5	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
Operator : JU/SJ
Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-A

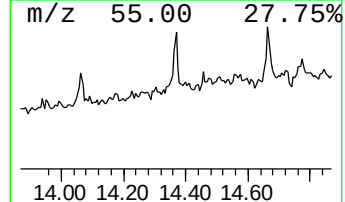
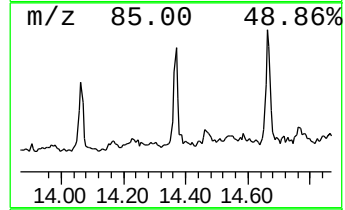
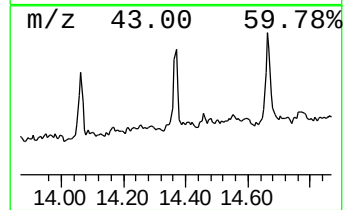
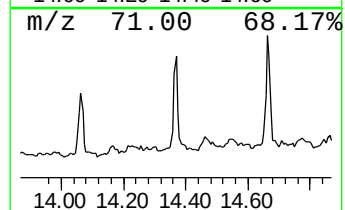
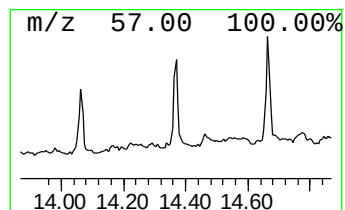
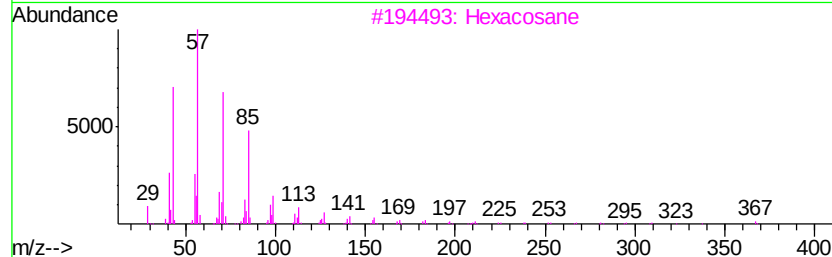
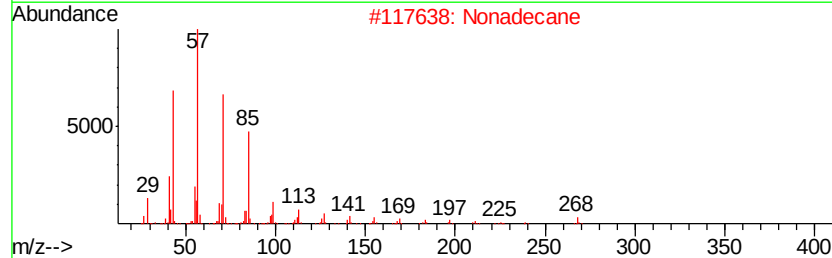
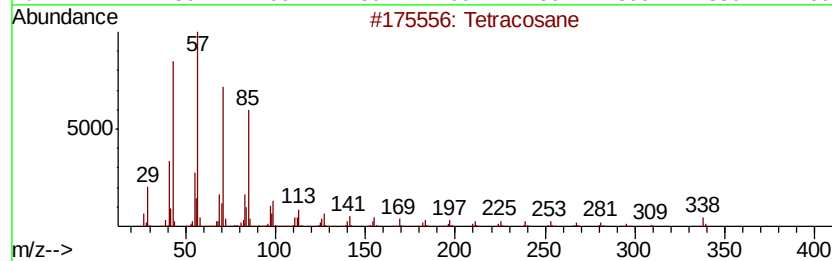
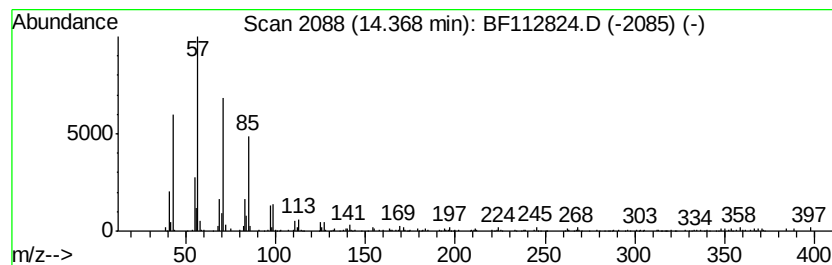
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.02 ng	147906	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Nonadecane	268	C19H40	000629-92-5	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetradecane	198	C14H30	000629-59-4	81
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
Operator : JU/SJ
Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-A

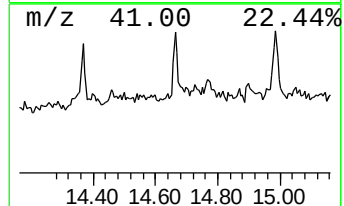
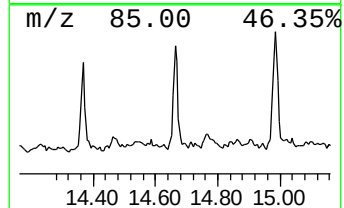
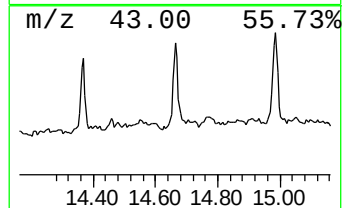
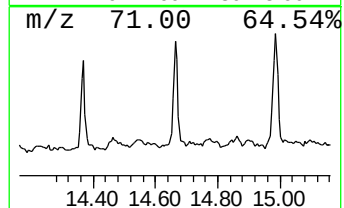
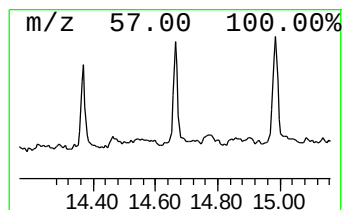
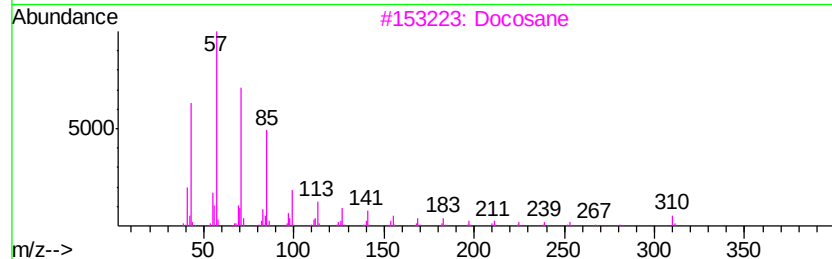
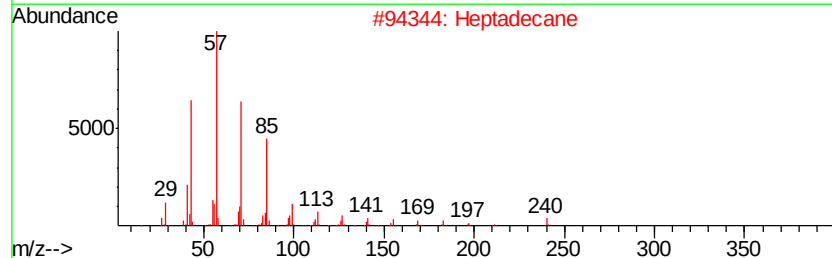
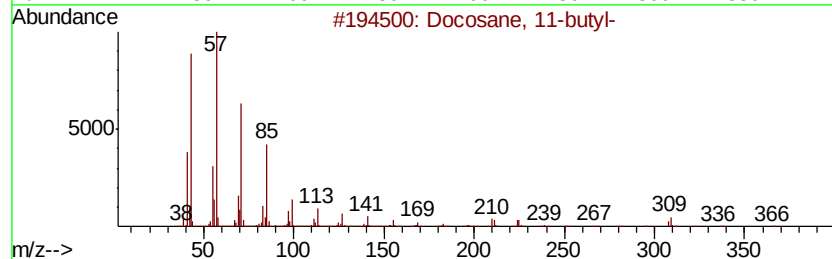
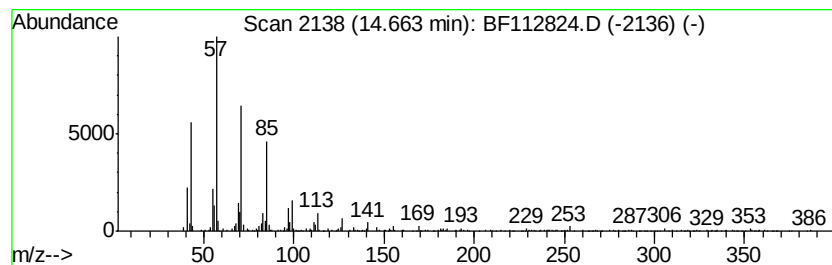
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosane, 11-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.36 ng	226982	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Docosane	310	C22H46	000629-97-0	93
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
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Sample : K1688-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

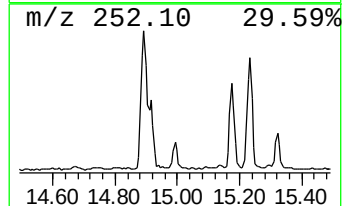
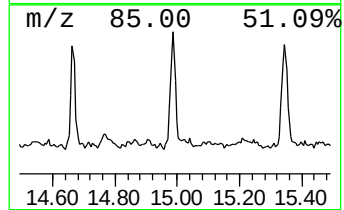
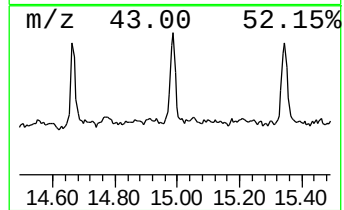
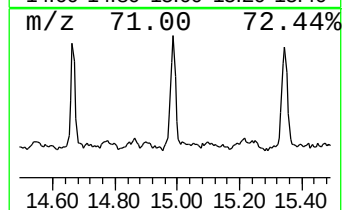
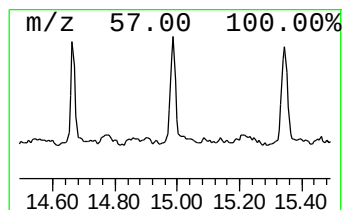
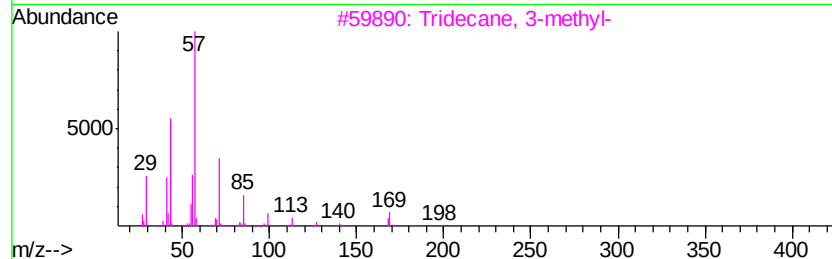
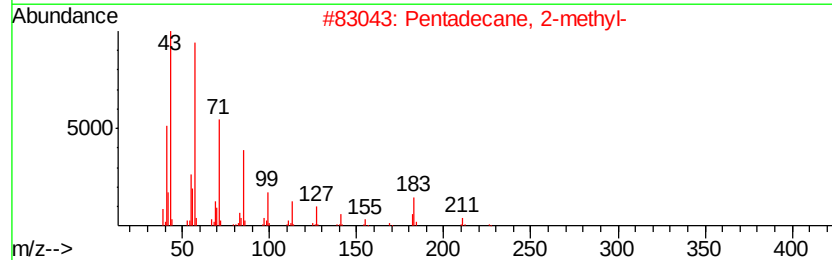
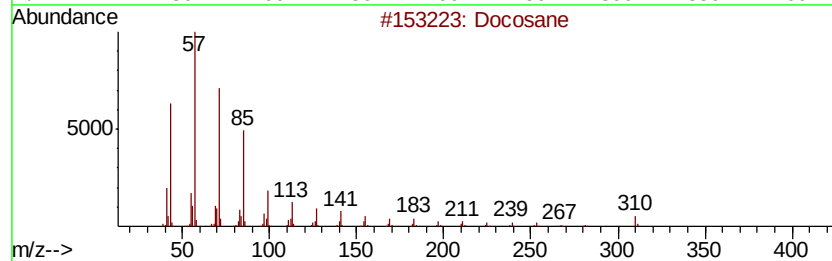
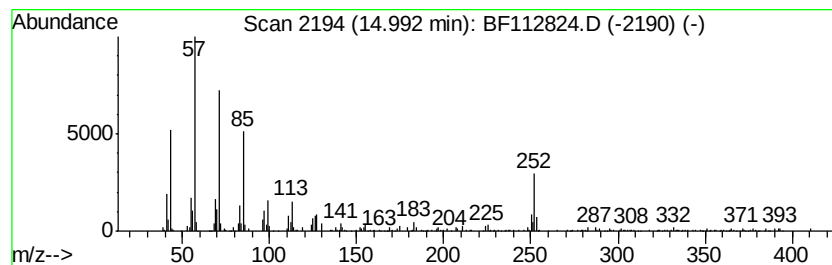
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.96 ng	257696	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane		310 C22H46	000629-97-0 83
2	Pentadecane, 2-methyl-		226 C16H34	001560-93-6 80
3	Tridecane, 3-methyl-		198 C14H30	006418-41-3 80
4	Octadecane		254 C18H38	000593-45-3 74
5	Heneicosane		296 C21H44	000629-94-7 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112824.D
Acq On : 4 Mar 2019 15:12
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Sample : K1688-01 2X
Misc :
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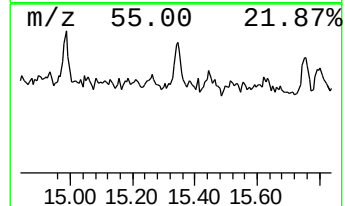
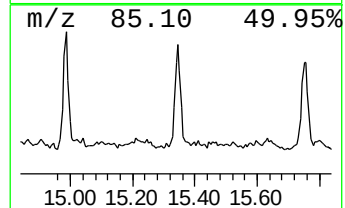
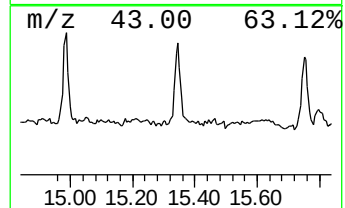
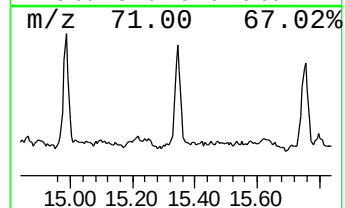
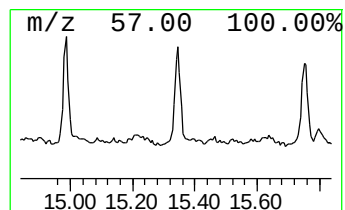
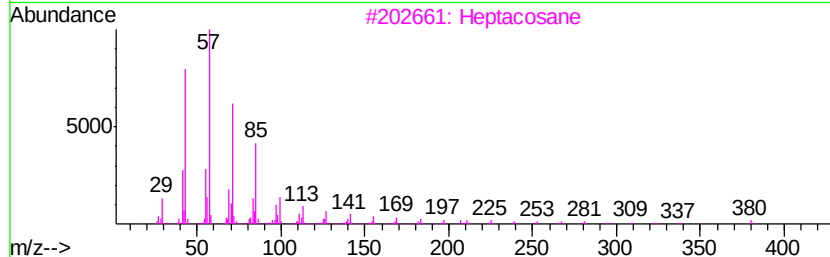
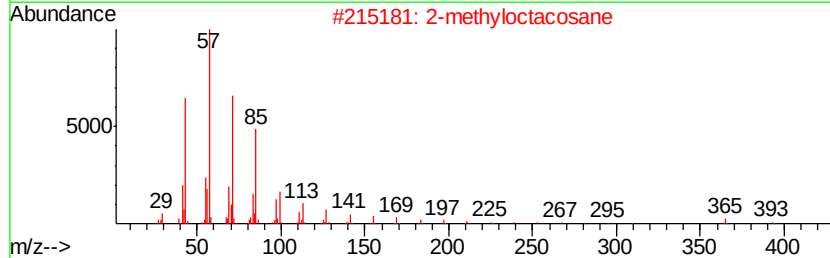
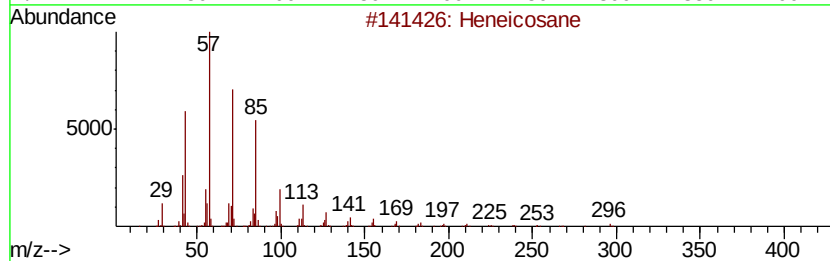
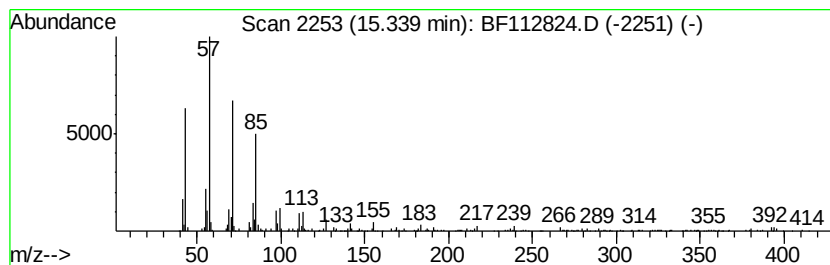
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.83 ng	251357	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	90
2	2-methyloctacosane	408 C29H60	1000376-72-8	90
3	Heptacosane	380 C27H56	000593-49-7	89
4	Tetracosane	338 C24H50	000646-31-1	87
5	Octacosane	394 C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112824.D
 Acq On : 4 Mar 2019 15:12
 Operator : JU/SJ
 Sample : K1688-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	48.1	ng	2489510	1	6.75	1034490	20.0
Decane	6.60	2.6	ng	135217	1	6.75	1034490	20.0
Undecane	7.36	5.0	ng	258555	1	6.75	1034490	20.0
Tetradecane	9.19	3.8	ng	245615	3	9.77	1306590	20.0
Pentadecane	9.72	2.6	ng	173372	3	9.77	1306590	20.0
Hexadecane	10.22	2.1	ng	138107	3	9.77	1306590	20.0
Tridecane	10.69	3.4	ng	198341	4	11.25	1170600	20.0
Hexadecanoic acid...	11.66	14.3	ng	834215	4	11.25	1170600	20.0
n-Hexadecanoic acid	11.79	5.3	ng	310423	4	11.25	1170600	20.0
9,12-Octadecadien...	12.34	37.4	ng	2187060	4	11.25	1170600	20.0
11-Octadecenoic a...	12.36	37.8	ng	2214420	4	11.25	1170600	20.0
9-Tricosene, (Z)-	13.74	5.2	ng	378582	5	13.88	1466110	20.0
Tetracosane	14.37	2.0	ng	147906	5	13.88	1466110	20.0
Docosane, 11-butyl-	14.66	4.4	ng	226982	6	15.29	1040140	20.0
Docosane	14.99	5.0	ng	257696	6	15.29	1040140	20.0
Heneicosane	15.34	4.8	ng	251357	6	15.29	1040140	20.0