

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112048.D
 Acq On : 14 Jan 2019 14:09
 Operator : JU/SJ
 Sample : K1126-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3451

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-BF010719.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	2.163	9	13	19	rVB	68297	98832	2.59%	0.185%
2	5.087	504	510	516	rBV	142916	173608	4.55%	0.324%
3	5.504	577	581	593	rBV	2904476	2756758	72.30%	5.149%
4	6.516	747	753	763	rVB	3470270	3663913	96.09%	6.843%
5	6.645	770	775	778	rBV	3035691	2699616	70.80%	5.042%
6	6.692	780	783	791	rVB	53792	55489	1.46%	0.104%
7	6.869	809	813	816	rBV	938734	789894	20.72%	1.475%
8	7.028	835	840	843	rBV	2331641	2203296	57.79%	4.115%
9	7.428	903	908	911	rBV	1861953	1792324	47.01%	3.347%
10	8.151	1025	1031	1034	rBV	1082219	1106427	29.02%	2.066%
11	8.210	1037	1041	1044	rVB	61450	57821	1.52%	0.108%
12	8.445	1075	1081	1087	rBV4	45439	85714	2.25%	0.160%
13	8.527	1092	1095	1099	rBV3	44826	51708	1.36%	0.097%
14	8.569	1099	1102	1105	rBV	95815	93036	2.44%	0.174%
15	8.739	1128	1131	1135	rBV	269121	223439	5.86%	0.417%
16	8.780	1135	1138	1140	rVV3	47787	60990	1.60%	0.114%
17	8.839	1144	1148	1151	rVB4	49165	71428	1.87%	0.133%
18	8.974	1168	1171	1173	rVB	71141	61725	1.62%	0.115%
19	9.104	1189	1193	1197	rVB2	74779	107092	2.81%	0.200%
20	9.145	1197	1200	1202	rBV	73042	54059	1.42%	0.101%
21	9.169	1202	1204	1207	rBV2	132561	129392	3.39%	0.242%
22	9.227	1209	1214	1217	rBV	3442103	3417498	89.63%	6.383%
23	9.304	1223	1227	1231	rBV	435003	428618	11.24%	0.801%
24	9.345	1231	1234	1236	rVV2	63253	87879	2.30%	0.164%
25	9.374	1237	1239	1242	rVB	119369	113965	2.99%	0.213%
26	9.545	1264	1268	1269	rBV4	75773	85830	2.25%	0.160%
27	9.580	1273	1274	1277	rVV3	97787	88868	2.33%	0.166%
28	9.616	1277	1280	1284	rVV	1068361	1052685	27.61%	1.966%
29	9.651	1284	1286	1289	rVV2	156172	159063	4.17%	0.297%
30	9.686	1289	1292	1294	rVB	159330	142283	3.73%	0.266%
31	9.780	1303	1308	1310	rBV4	66560	114507	3.00%	0.214%
32	9.833	1310	1317	1322	rVV	511755	575546	15.10%	1.075%
33	9.904	1325	1329	1333	rVB	1267614	1247834	32.73%	2.331%
34	9.974	1339	1341	1344	rVB3	108926	100311	2.63%	0.187%

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35	10.010	1345	1347	1349	rVV2	68512	50572	1.33%	0.094%
36	10.069	1354	1357	1359	rBV2	79254	118403	3.11%	0.221%
37	10.157	1369	1372	1376	rBV3	145267	178254	4.68%	0.333%
38	10.192	1376	1378	1380	rVB2	84391	63066	1.65%	0.118%
39	10.221	1380	1383	1386	rBV3	125960	167764	4.40%	0.313%
40	10.280	1391	1393	1396	rVB3	109326	88303	2.32%	0.165%
41	10.333	1397	1402	1405	rBV	532892	573570	15.04%	1.071%
42	10.363	1405	1407	1410	rVV2	81861	101143	2.65%	0.189%
43	10.392	1410	1412	1416	rVB4	83591	105749	2.77%	0.198%
44	10.557	1435	1440	1446	rBV	314474	494506	12.97%	0.924%
45	10.698	1458	1464	1467	rBV	2500516	2250494	59.02%	4.203%
46	10.810	1480	1483	1484	rBV	603359	521945	13.69%	0.975%
47	10.827	1484	1486	1491	rVV	702626	670658	17.59%	1.253%
48	10.874	1491	1494	1497	rVV	726582	787622	20.66%	1.471%
49	10.910	1497	1500	1503	rVV2	722653	908264	23.82%	1.696%
50	10.945	1503	1506	1508	rVV	772803	750076	19.67%	1.401%
51	10.968	1508	1510	1512	rVV	504683	405250	10.63%	0.757%
52	11.010	1512	1517	1518	rVV3	317211	495026	12.98%	0.925%
53	11.027	1518	1520	1522	rVV2	401042	449648	11.79%	0.840%
54	11.057	1522	1525	1528	rVV3	589141	754759	19.80%	1.410%
55	11.092	1528	1531	1533	rVV	790035	689056	18.07%	1.287%
56	11.116	1533	1535	1536	rVV	239211	225320	5.91%	0.421%
57	11.133	1536	1538	1543	rVB2	441410	384810	10.09%	0.719%
58	11.257	1556	1559	1562	rBV	647124	564950	14.82%	1.055%
59	11.286	1562	1564	1569	rVB	521016	546002	14.32%	1.020%
60	11.392	1579	1582	1585	rBV	1496376	1452044	38.08%	2.712%
61	11.416	1585	1586	1594	rVB3	175525	316126	8.29%	0.590%
62	11.639	1619	1624	1628	rBV3	164684	221888	5.82%	0.414%
63	11.680	1628	1631	1634	rBV	491181	430177	11.28%	0.803%
64	11.845	1657	1659	1662	rBV3	95106	118590	3.11%	0.221%
65	11.921	1669	1672	1679	rVB	740438	828329	21.72%	1.547%
66	12.004	1684	1686	1689	rBV2	95671	73298	1.92%	0.137%
67	12.063	1693	1696	1698	rBV3	173948	216633	5.68%	0.405%
68	12.092	1698	1701	1704	rVB	581783	504263	13.23%	0.942%
69	12.374	1746	1749	1751	rBV	132483	116609	3.06%	0.218%
70	12.480	1764	1767	1772	rVB	429107	387204	10.16%	0.723%
71	12.610	1786	1789	1793	rVB	518688	505269	13.25%	0.944%

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72	12.710	1802	1806	1812	rBV2	421456	466268	12.23%	0.871%
73	12.839	1825	1828	1829	rBV	365375	396120	10.39%	0.740%
74	12.851	1829	1830	1842	rVB2	627783	671039	17.60%	1.253%
75	12.980	1847	1852	1855	rBV	4293781	3812825	100.00%	7.121%
76	13.204	1888	1890	1893	rVB	168621	132106	3.46%	0.247%
77	13.268	1899	1901	1904	rVB2	83045	67273	1.76%	0.126%
78	13.362	1915	1917	1921	rBV3	84599	109036	2.86%	0.204%
79	13.545	1946	1948	1951	rVB	115978	97617	2.56%	0.182%
80	13.839	1995	1998	2000	rBV2	45405	64506	1.69%	0.120%
81	13.868	2000	2003	2009	rVB3	391572	472732	12.40%	0.883%
82	14.004	2023	2026	2028	rBV	416679	394601	10.35%	0.737%
83	14.033	2028	2031	2034	rVV	1154843	1208828	31.70%	2.258%
84	14.057	2034	2035	2041	rVB	209729	180348	4.73%	0.337%
85	14.192	2055	2058	2064	rVB	115587	127900	3.35%	0.239%
86	14.492	2106	2109	2116	rBV2	168703	262505	6.88%	0.490%
87	14.545	2116	2118	2122	rVB3	64218	52811	1.39%	0.099%
88	14.804	2159	2162	2166	rVB	130544	124389	3.26%	0.232%
89	14.980	2190	2192	2196	rBV5	45767	84166	2.21%	0.157%
90	15.080	2205	2209	2212	rBV	265698	421937	11.07%	0.788%
91	15.145	2216	2220	2223	rVV	218542	216374	5.67%	0.404%
92	15.386	2258	2261	2266	rVB	171322	237893	6.24%	0.444%
93	15.445	2268	2271	2274	rVV	144928	184997	4.85%	0.346%
94	15.515	2278	2283	2294	rVB	976737	1517566	39.80%	2.834%
95	15.909	2346	2350	2351	rBV3	45620	67099	1.76%	0.125%
96	15.968	2356	2360	2365	rVB	201157	300187	7.87%	0.561%
97	16.474	2443	2446	2451	rBV	50453	74408	1.95%	0.139%
98	16.992	2529	2534	2543	rBV3	60996	152106	3.99%	0.284%
99	17.074	2544	2548	2555	rVB4	38905	85027	2.23%	0.159%
100	17.439	2606	2610	2619	rVB	47777	92673	2.43%	0.173%

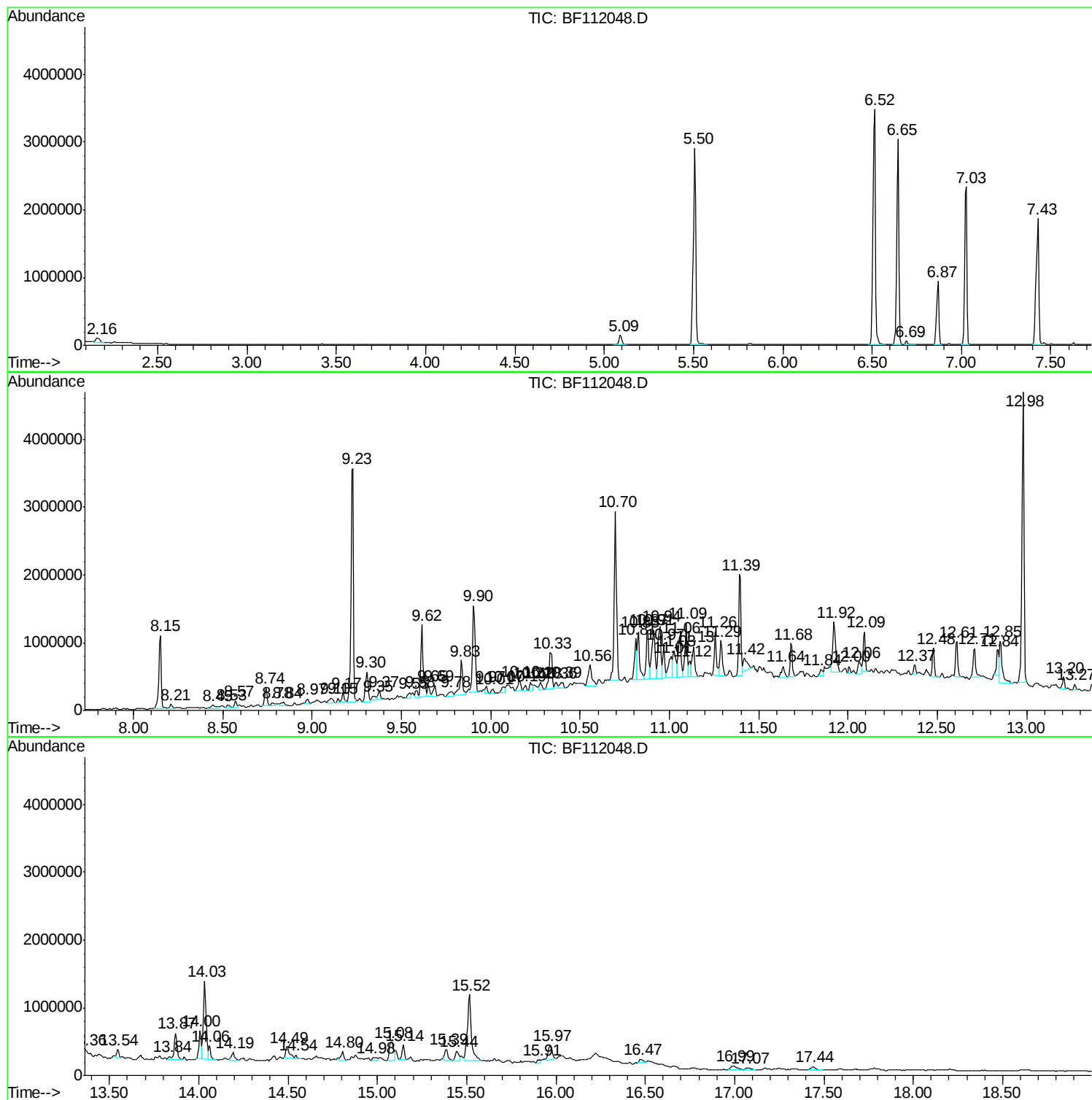
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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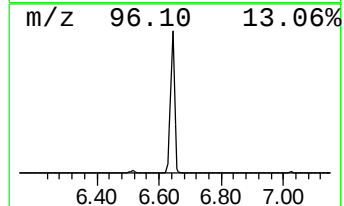
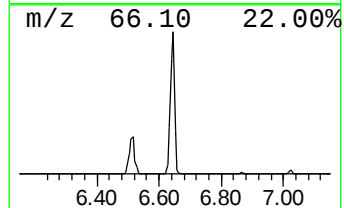
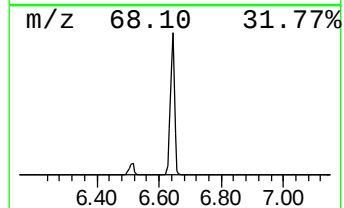
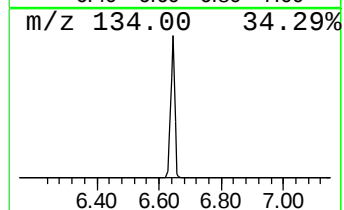
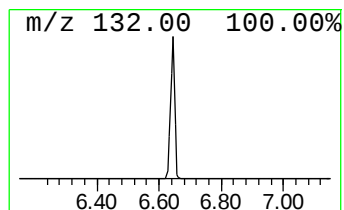
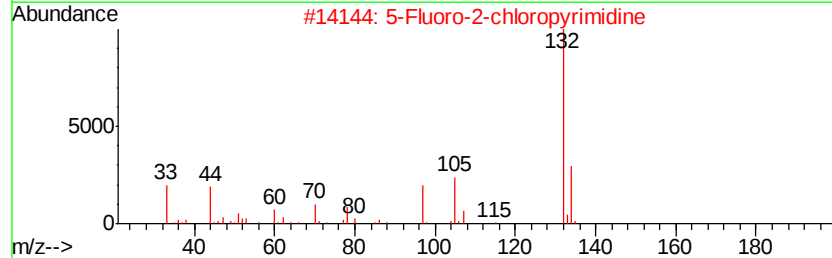
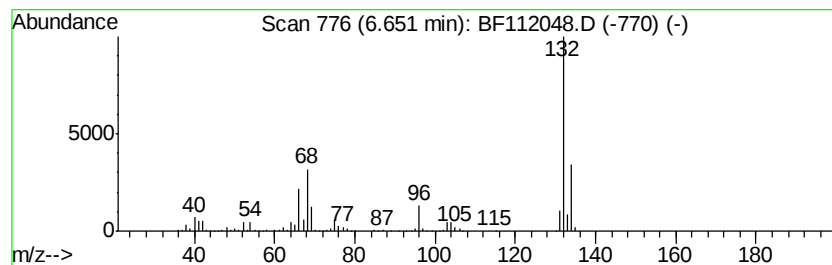
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	68.35 ng	2699620	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		Xenon	132	Xe	007440-63-3	9



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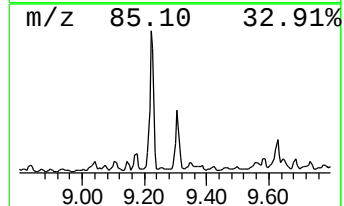
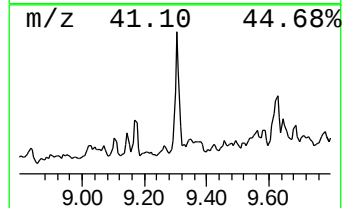
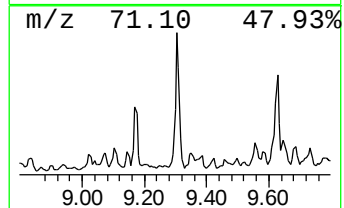
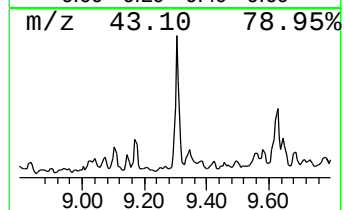
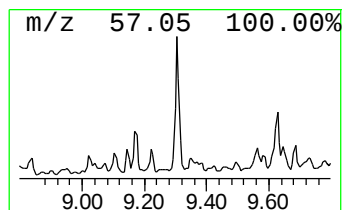
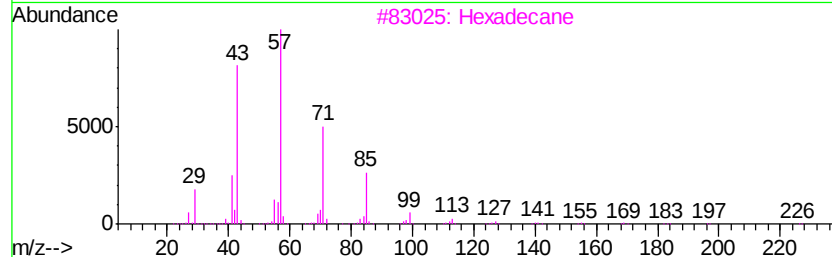
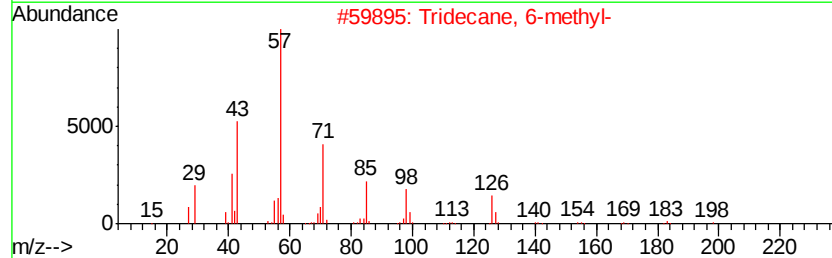
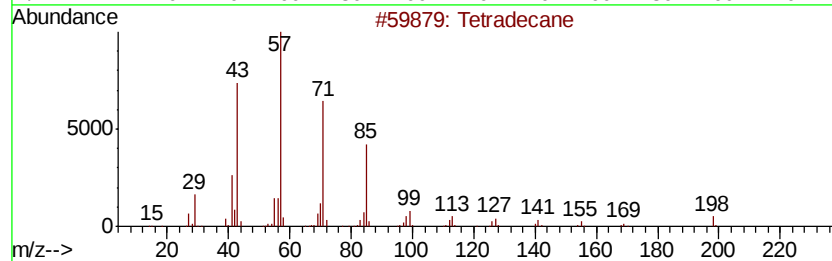
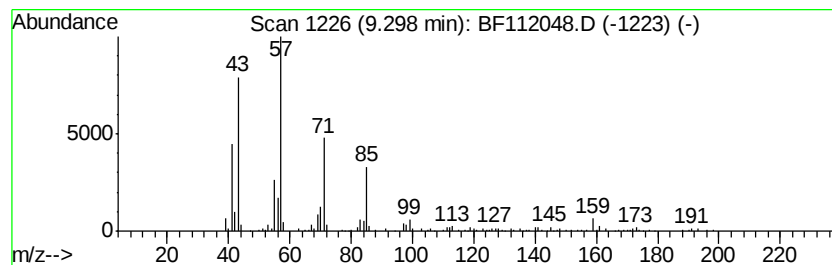
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	6.87 ng	428618	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			9-methylheptadecane	254	C18H38	026741-18-4	90
5			Nonadecane	268	C19H40	000629-92-5	86



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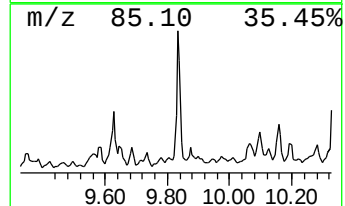
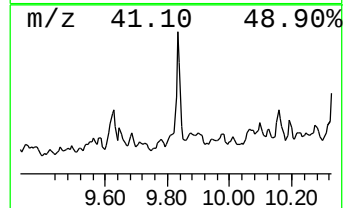
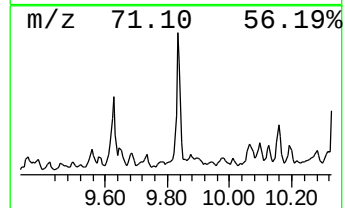
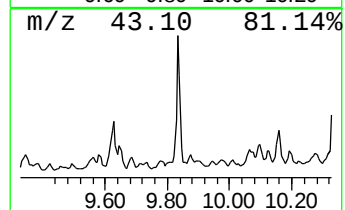
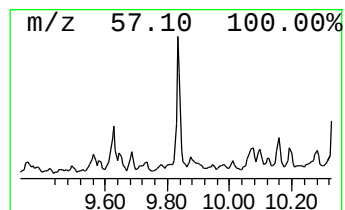
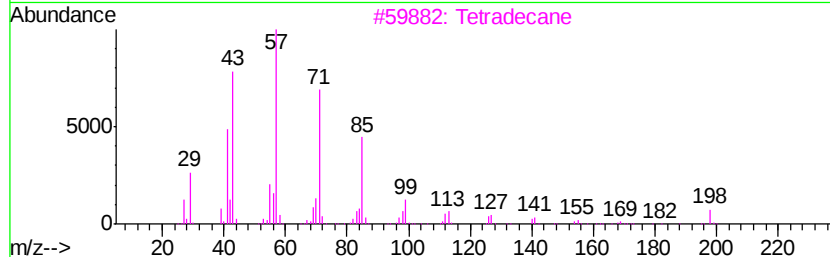
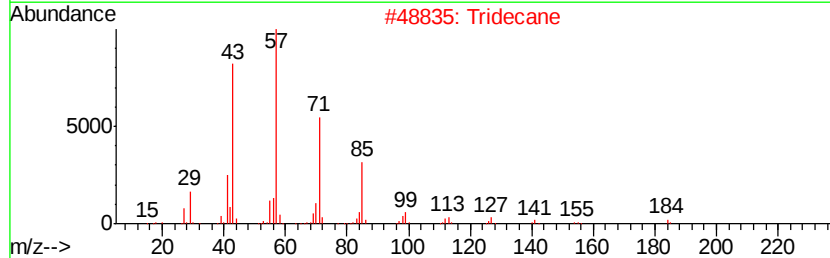
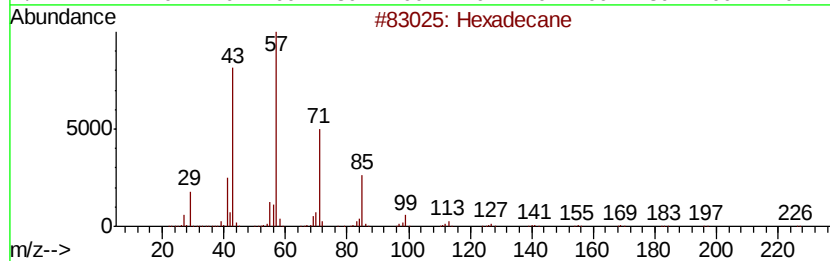
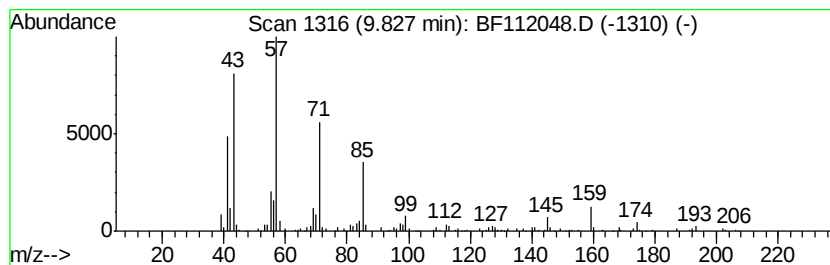
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Decane, 3-bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	9.22 ng	575546	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane	212	C15H32	000629-62-9	74
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



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Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

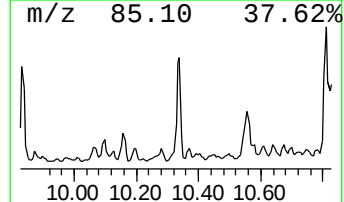
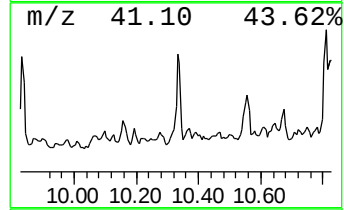
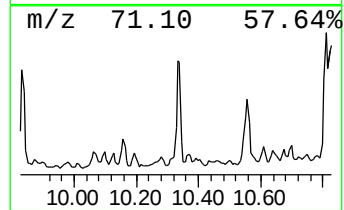
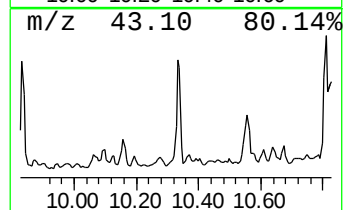
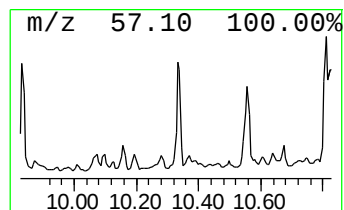
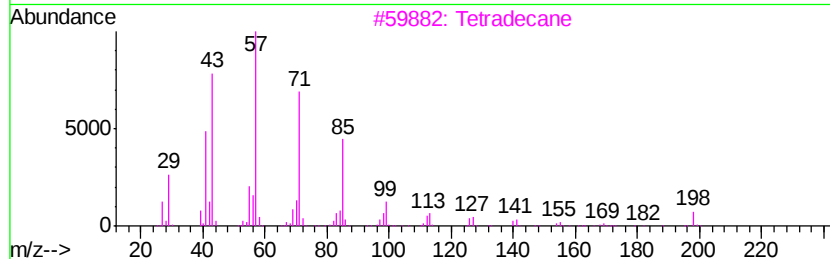
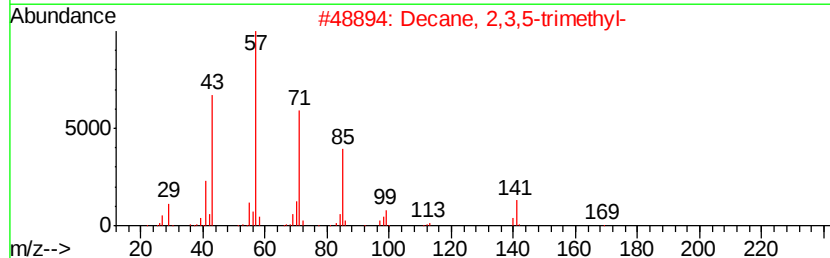
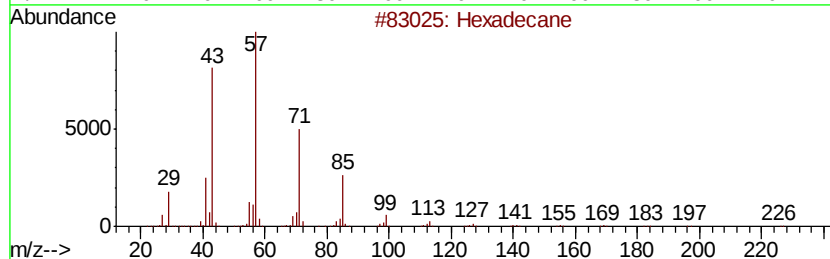
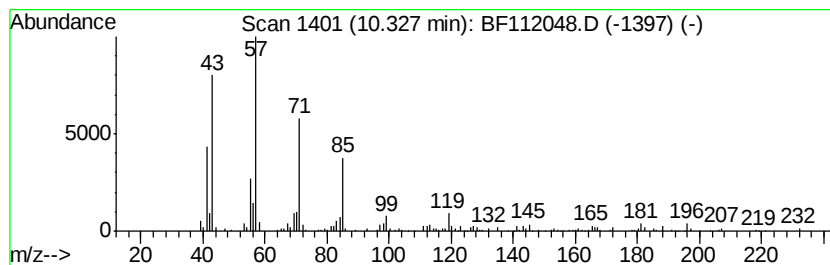
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BNA_F
ClientSampleId :
RT-3451

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.33	9.19 ng	573570	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	89
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

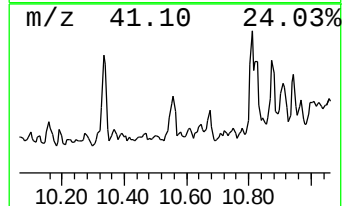
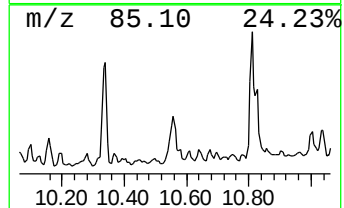
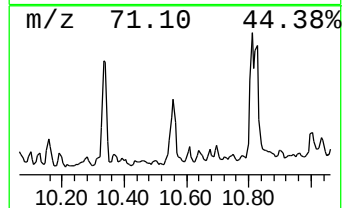
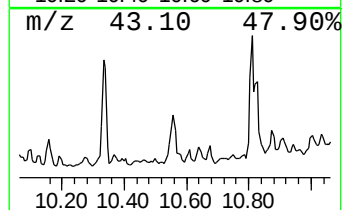
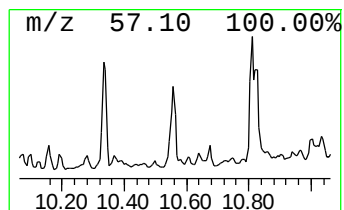
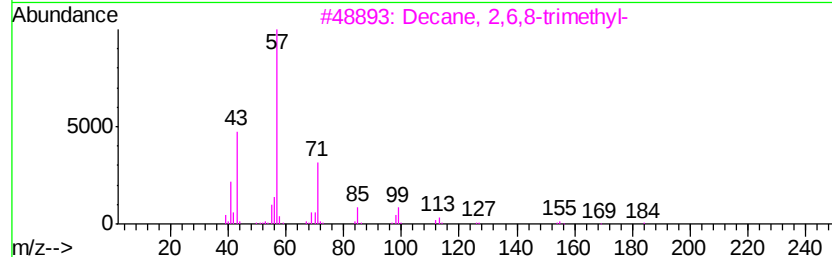
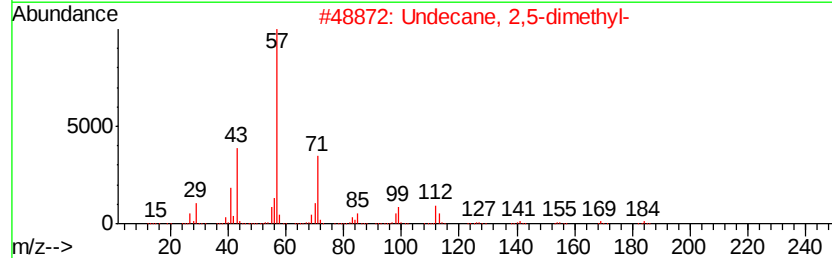
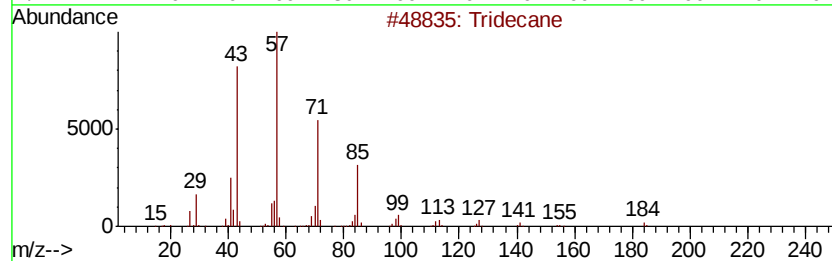
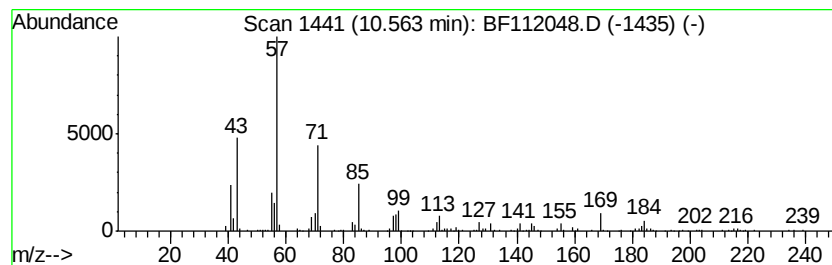
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.56	7.93 ng	494506	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Octacosane	394	C28H58	000630-02-4	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3451

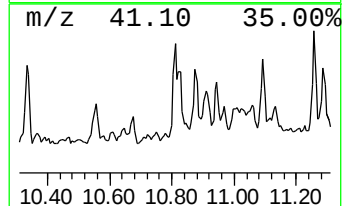
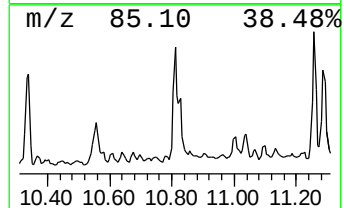
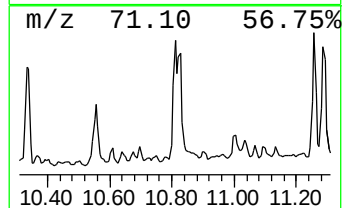
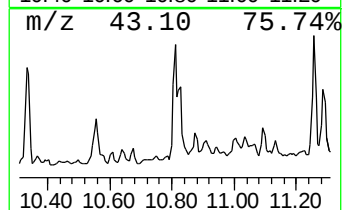
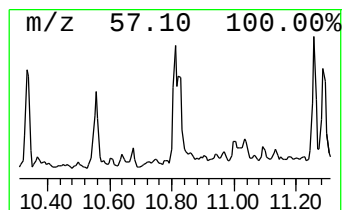
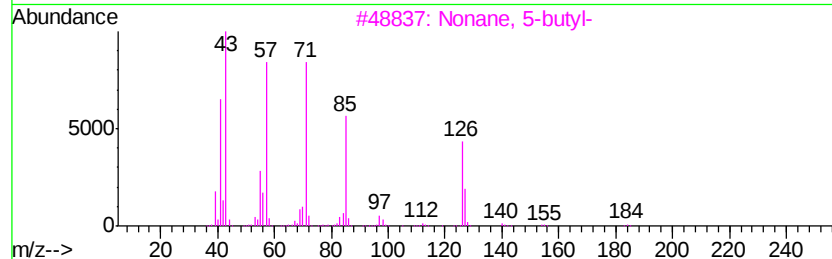
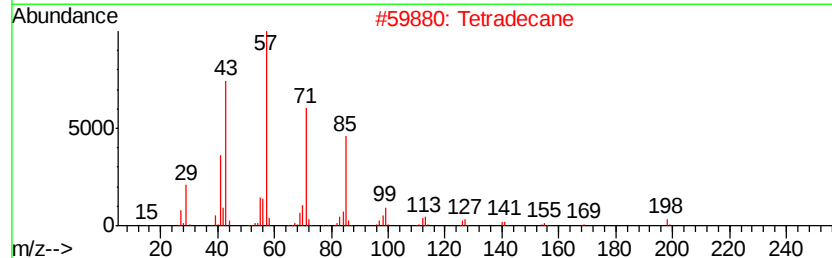
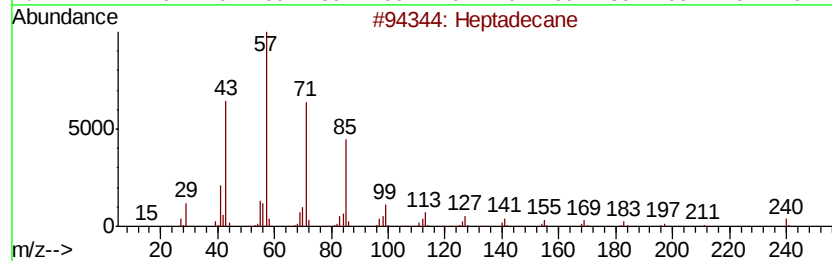
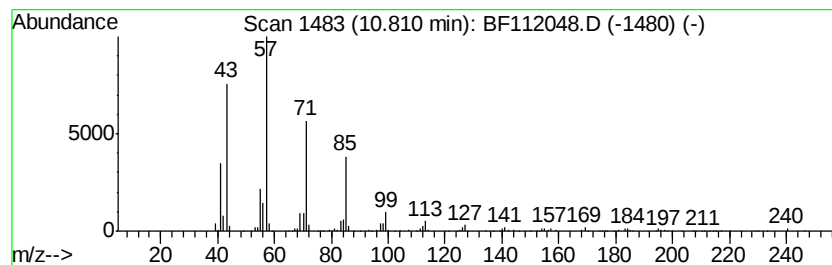
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	7.19 ng	521945	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tetradecane	198	C14H30	000629-59-4	95
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

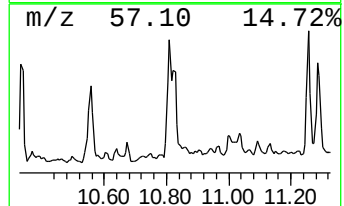
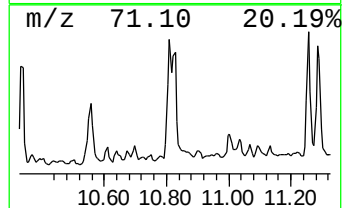
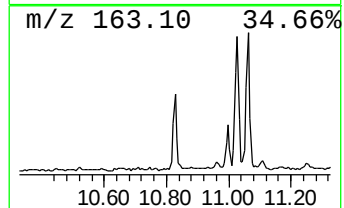
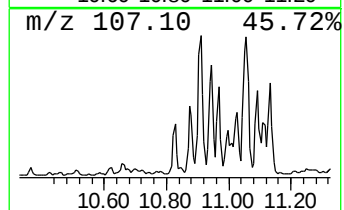
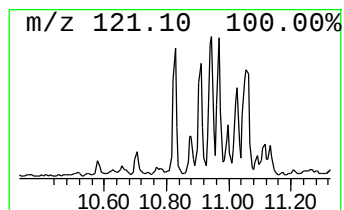
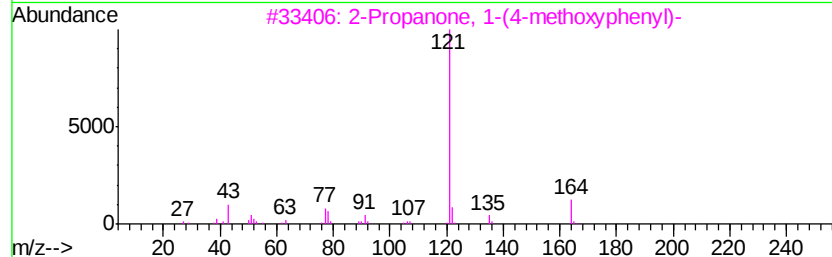
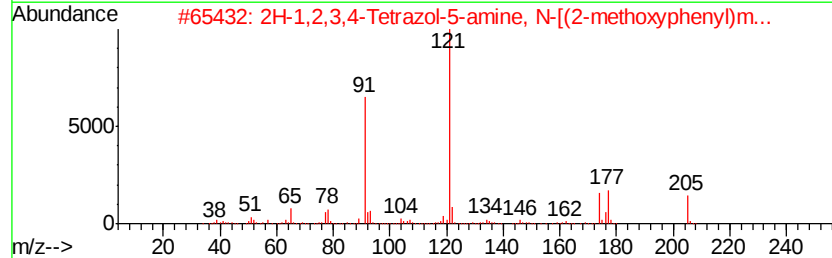
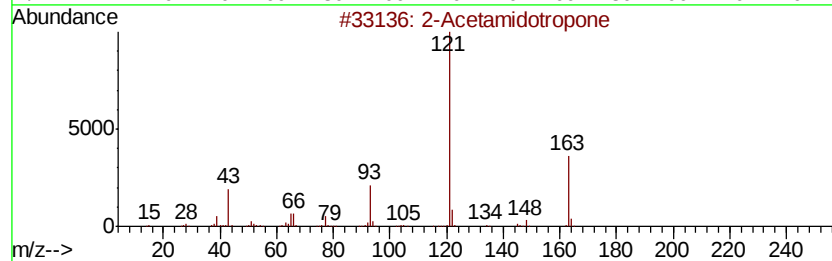
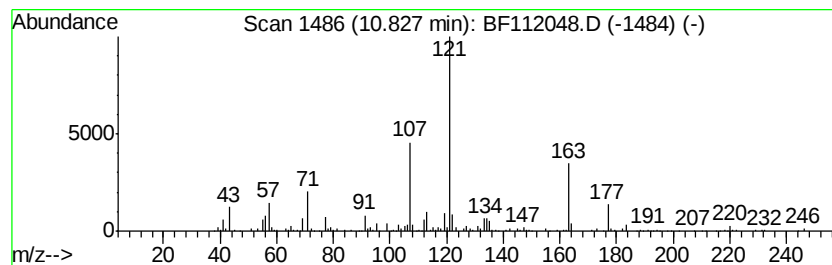
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.83 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.83	9.24 ng	670658	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	38
2	2H-1,2,3,4-Tetrazol-5-amine, N-[...]	205	C9H11N5O	1000337-56-1	32
3	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	27
4	3-(4-Methoxybenzylsulfanyl)-4H-[...]	221	C10H11N3OS	1000306-37-8	27
5	Benzenepropanol, 4-methoxy-	166	C10H14O2	005406-18-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

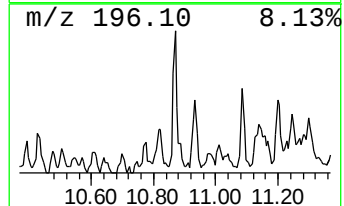
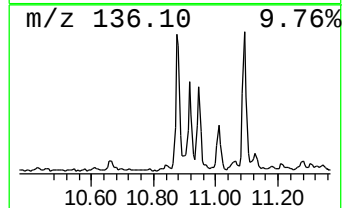
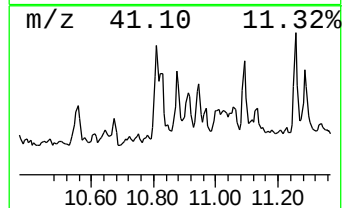
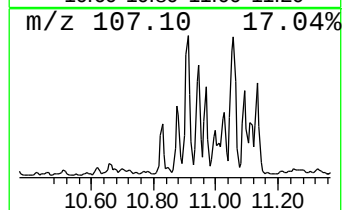
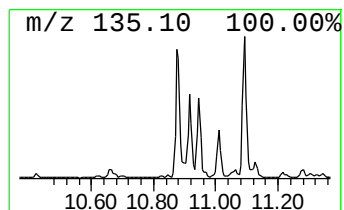
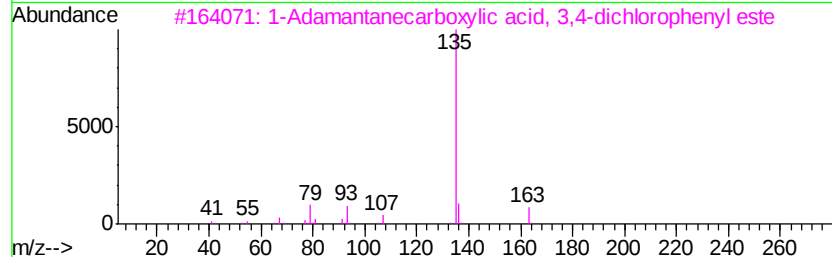
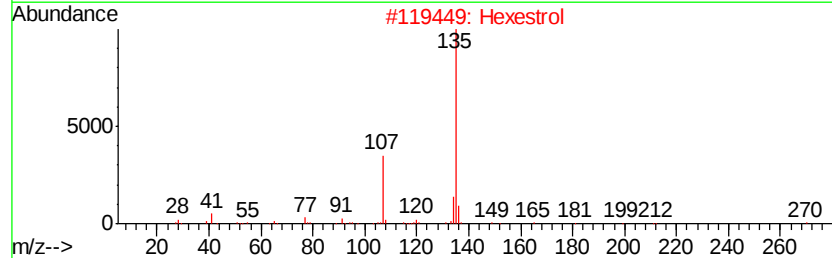
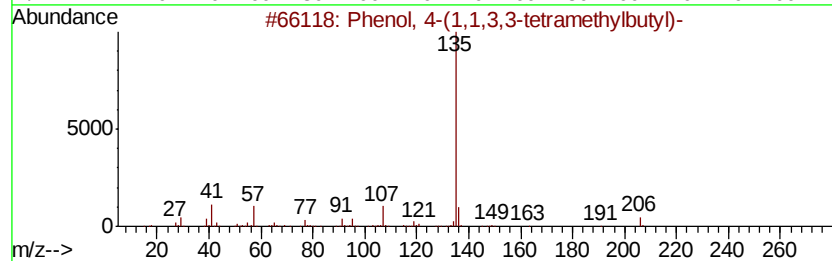
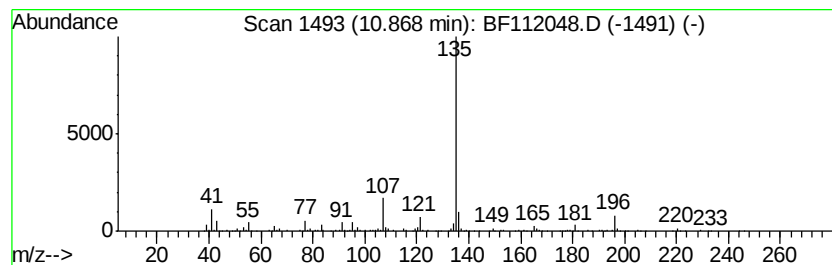
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.87	10.85 ng	787622	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	Pentanoic acid, 5-hydroxy-, p-t...	250	C15H22O3	166273-37-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
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Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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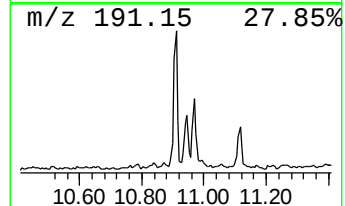
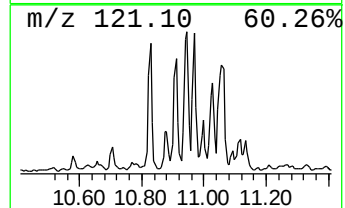
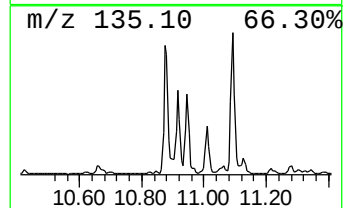
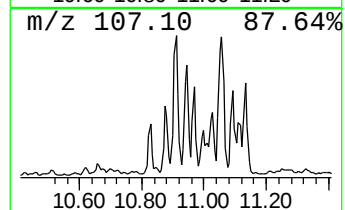
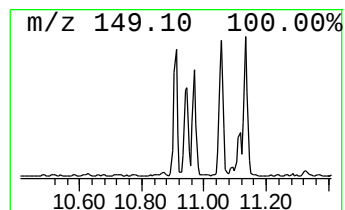
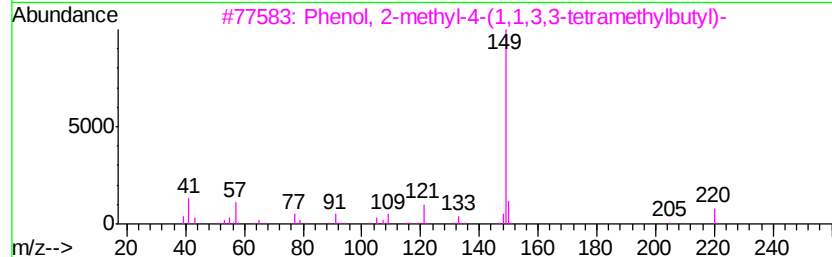
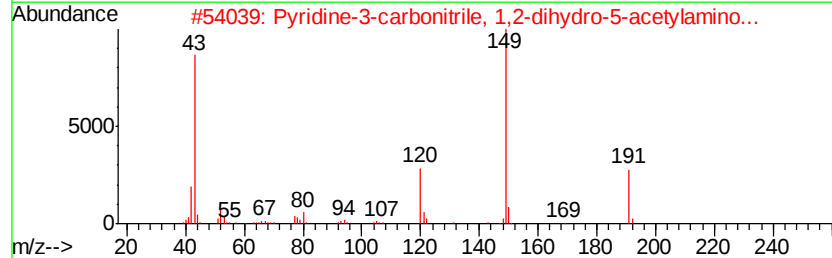
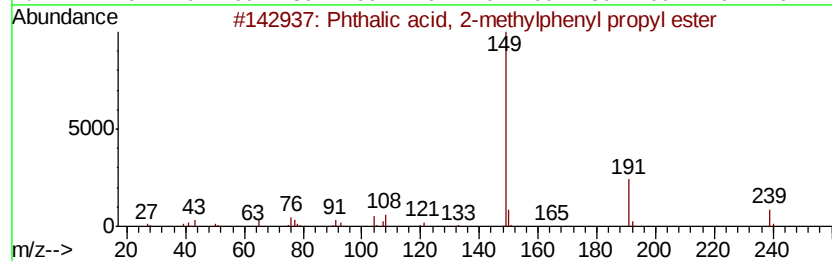
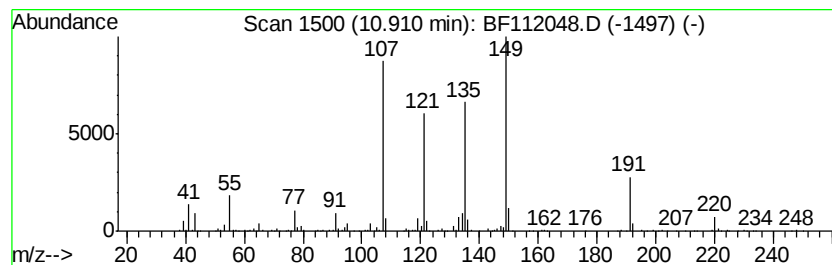
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.91 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	12.51 ng	908264	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2-methylphenyl pr...	298	C18H18O4	1000314-95-1	35
2		Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
3		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30
4		Phthalic acid, isopropyl propyl ...	250	C14H18O4	1000314-99-7	27
5		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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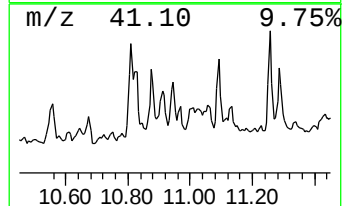
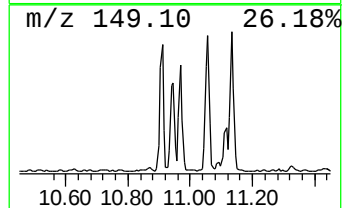
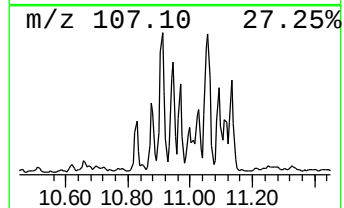
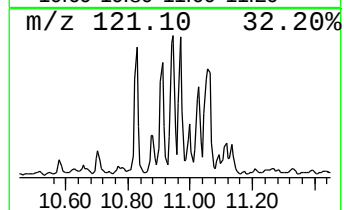
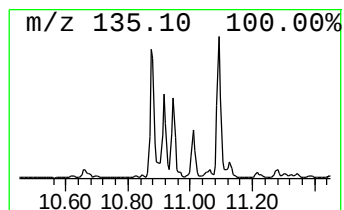
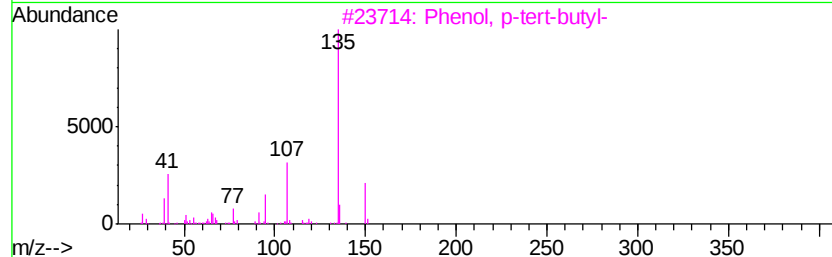
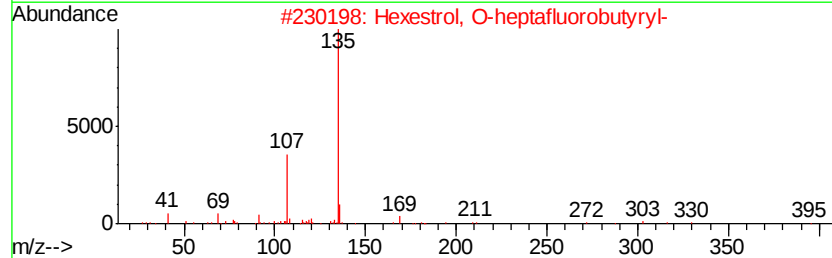
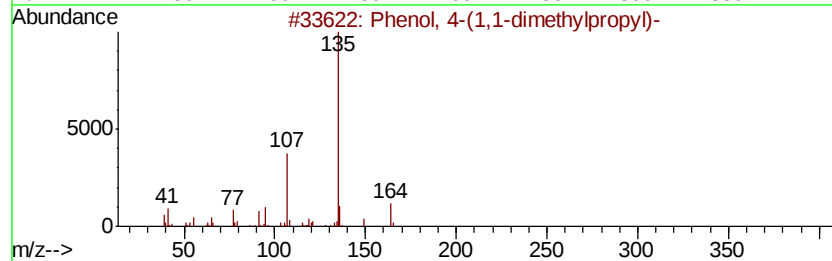
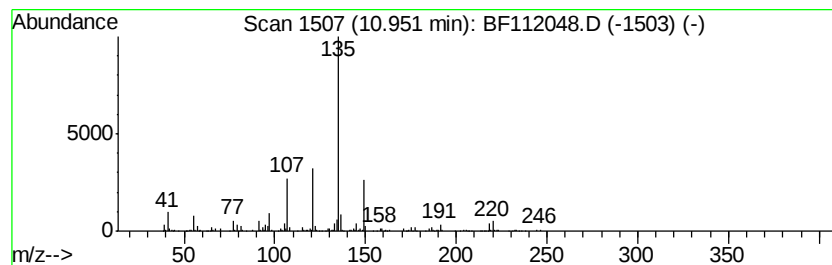
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	10.33 ng	750076	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2		Hexestrol, O-heptafluorobutyl-yl-	466	C22H21F7O3	1000365-31-9	50
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
4		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
5		Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	50



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Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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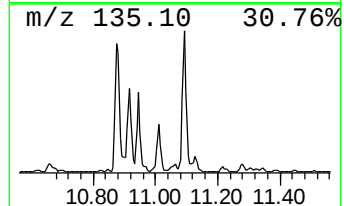
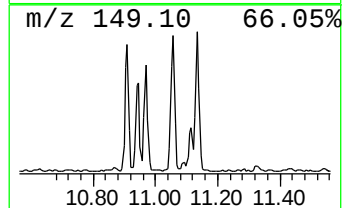
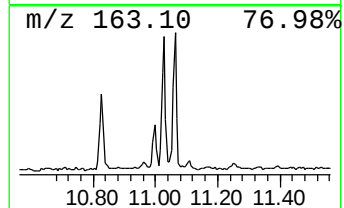
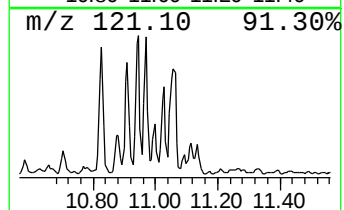
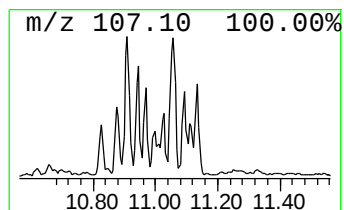
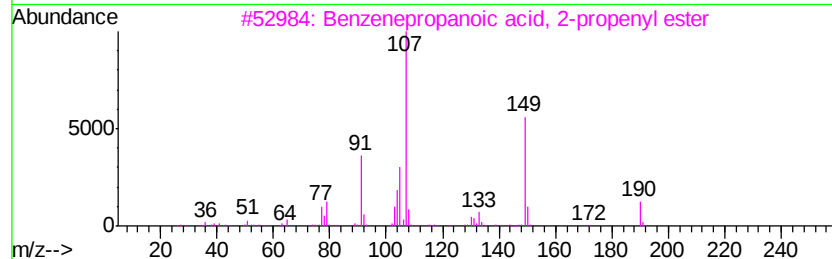
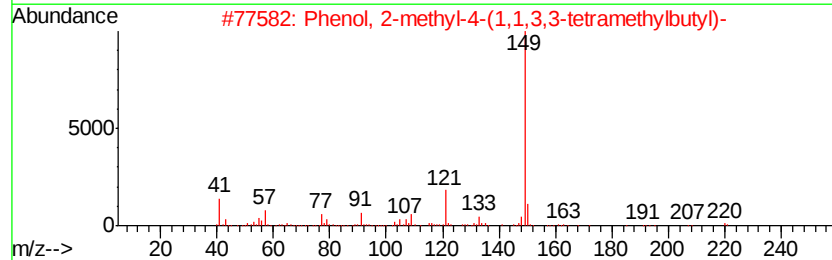
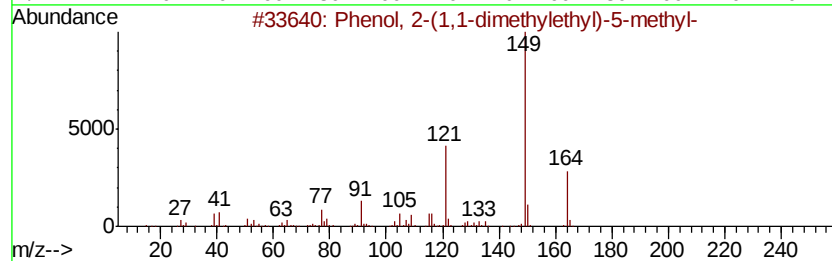
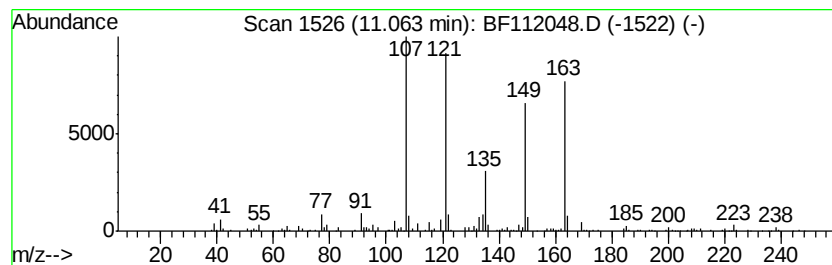
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	10.40 ng	754759	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
2		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
3		Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	32
4		Dibut-3-enyl phthalate	274	C16H18O4	1000373-49-6	27
5		Phenol, 4-butyl-	150	C10H14O	001638-22-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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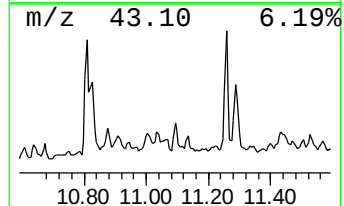
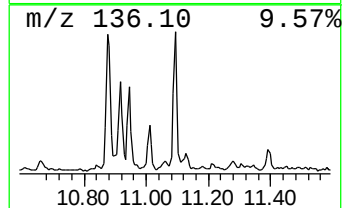
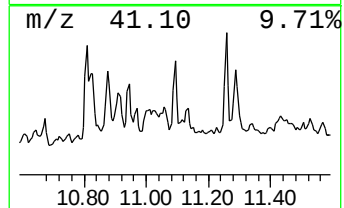
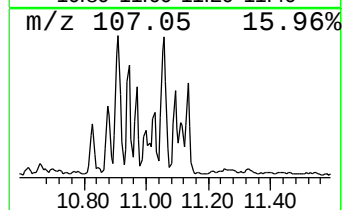
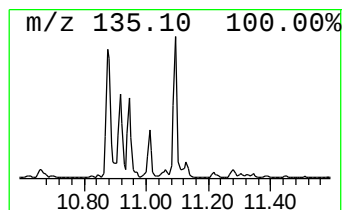
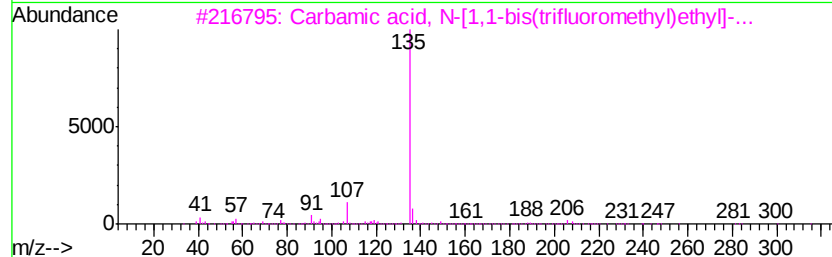
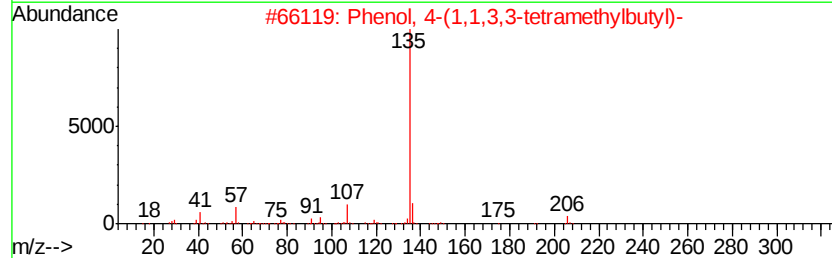
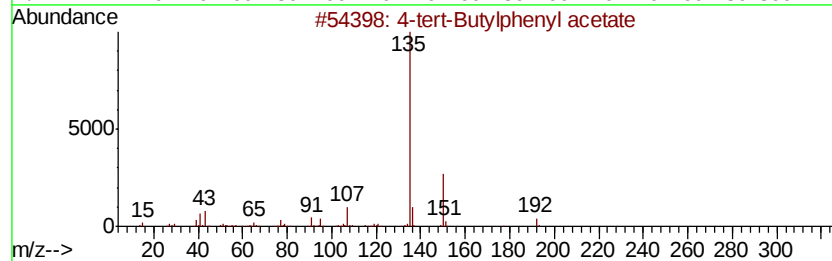
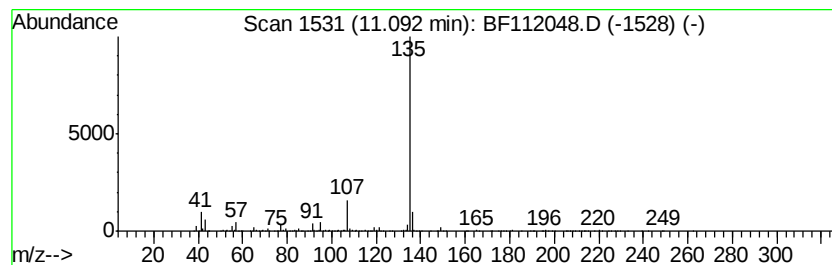
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4-tert-Butylphenyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.09	9.49 ng	689056	Phenanthrene-d10		11.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78	
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78	
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	64	
4	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	64	
5	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	50	



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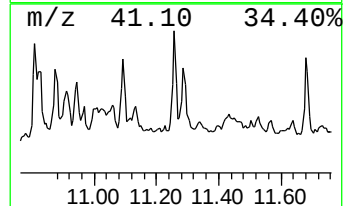
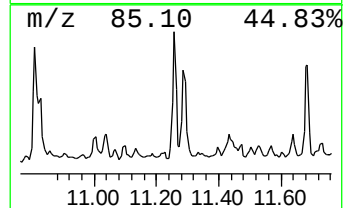
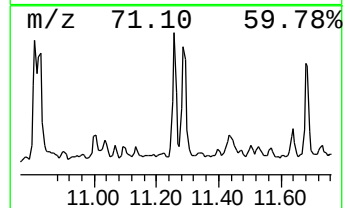
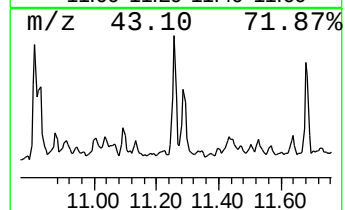
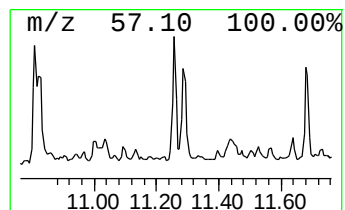
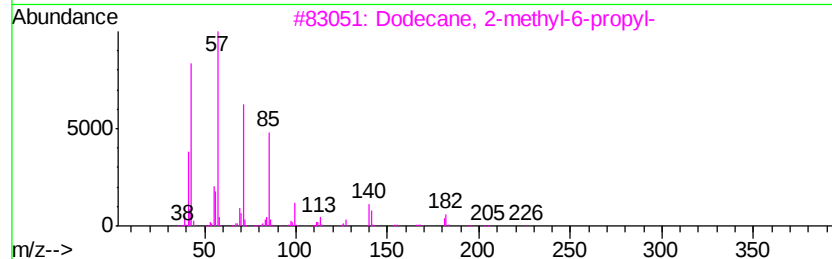
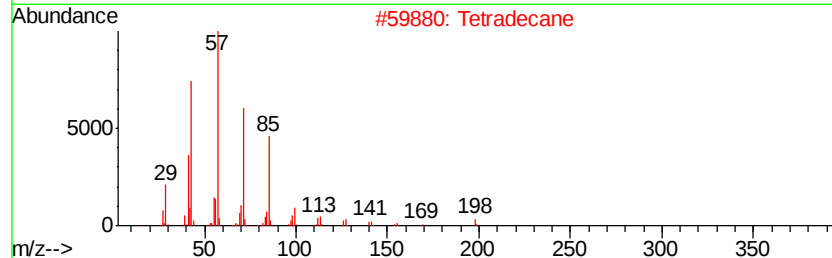
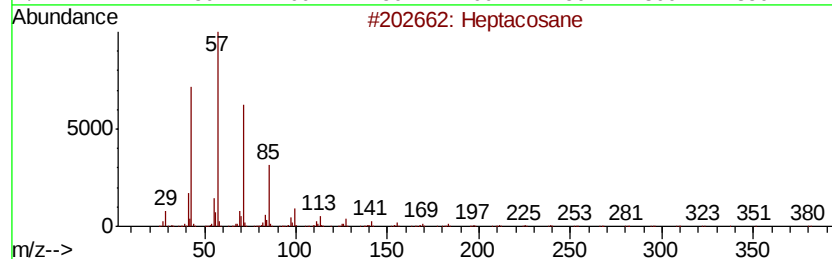
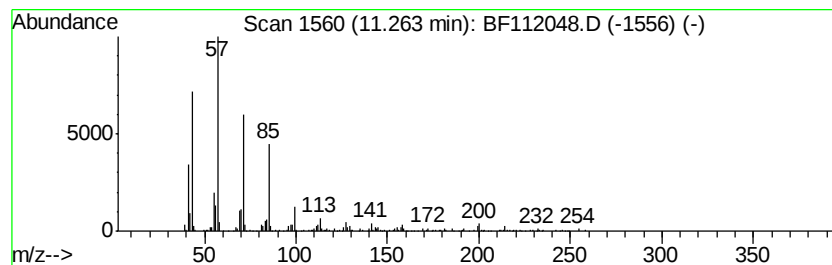
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	7.78 ng	564950	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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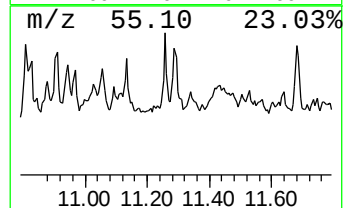
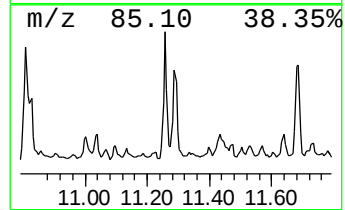
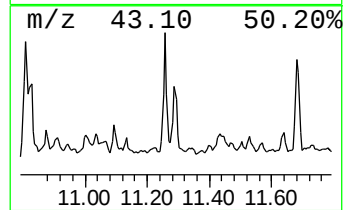
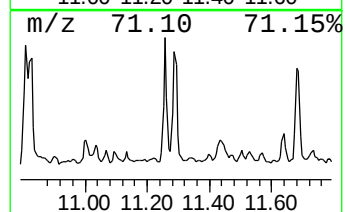
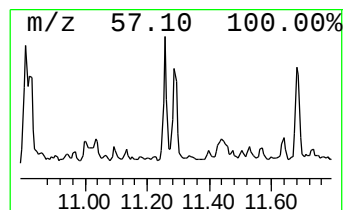
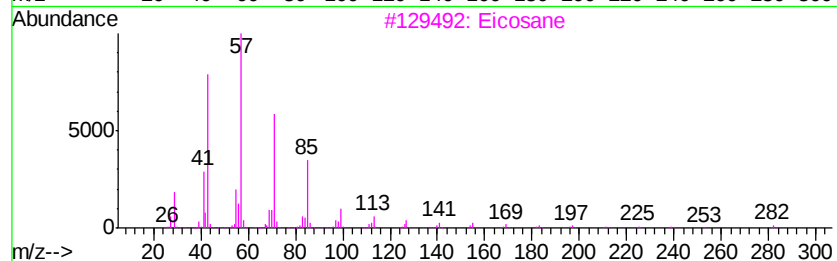
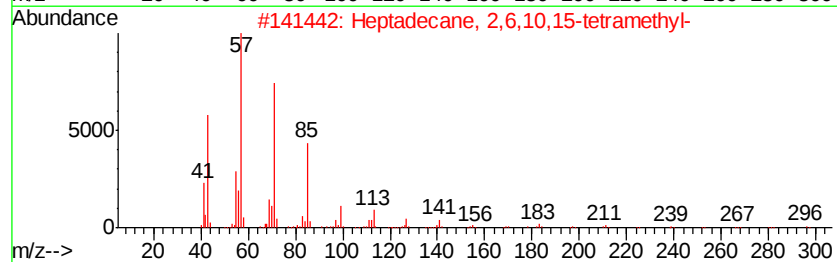
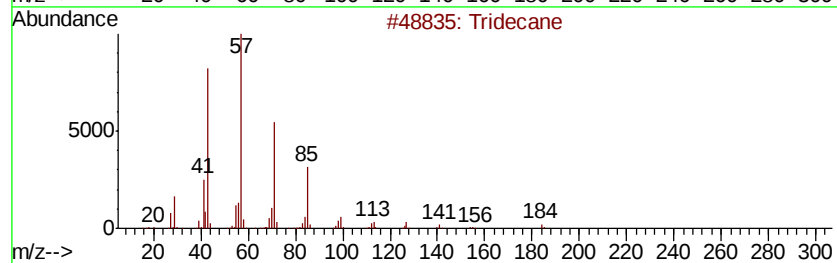
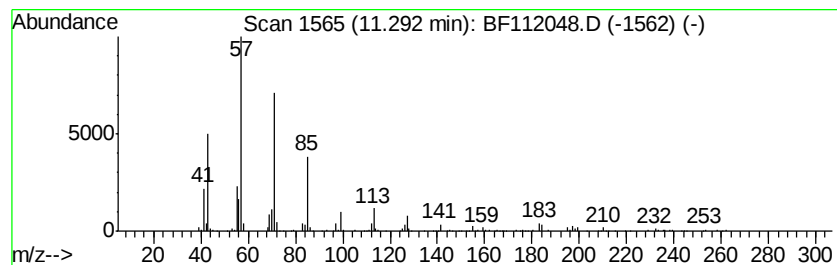
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.52 ng	546002	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Octadecane	254	C18H38	000593-45-3	86



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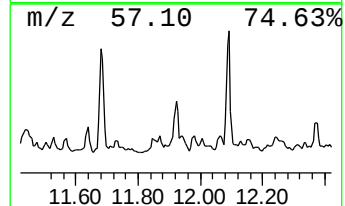
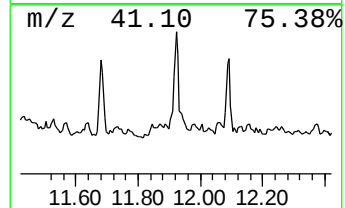
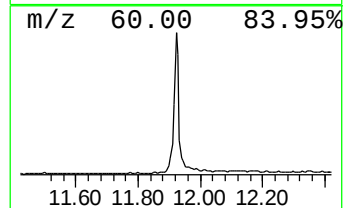
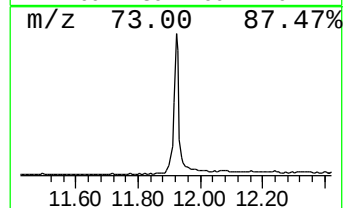
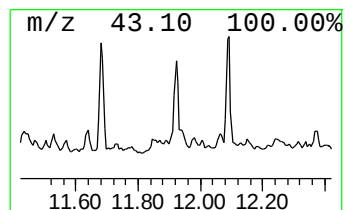
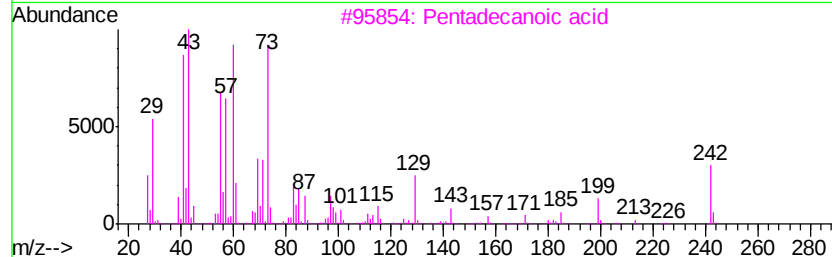
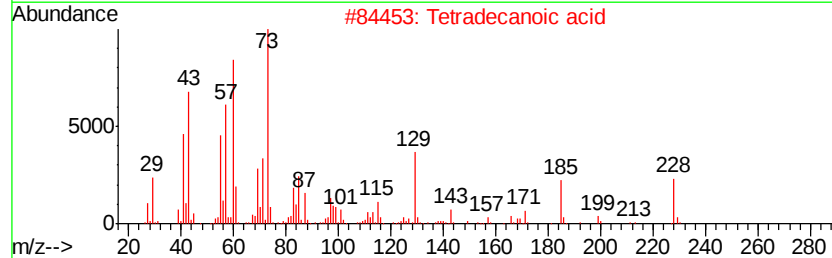
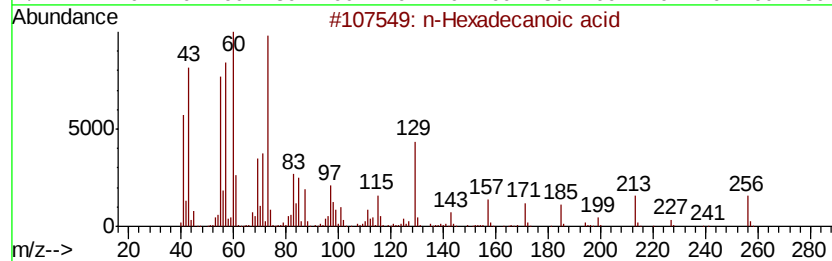
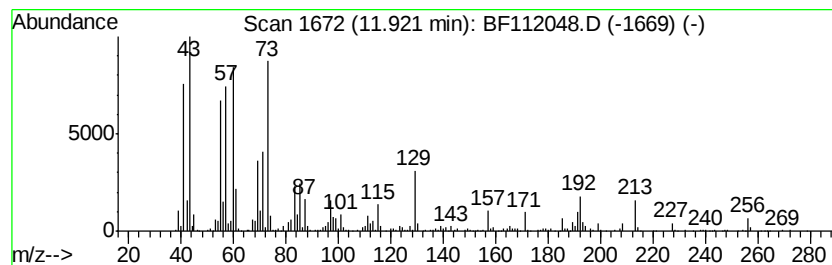
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	11.41 ng	828329	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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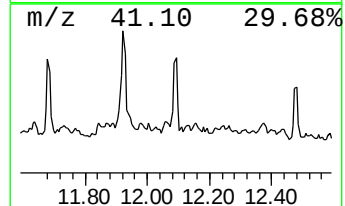
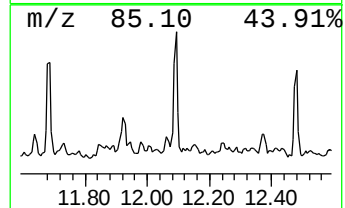
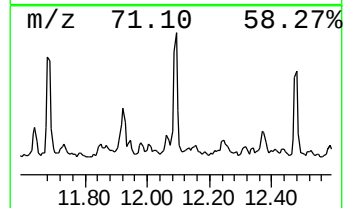
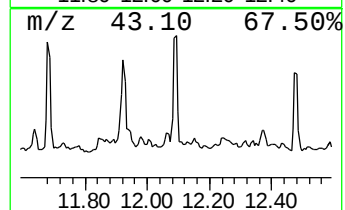
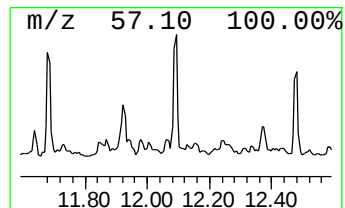
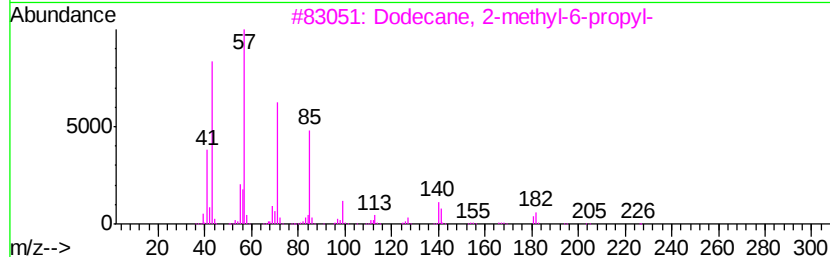
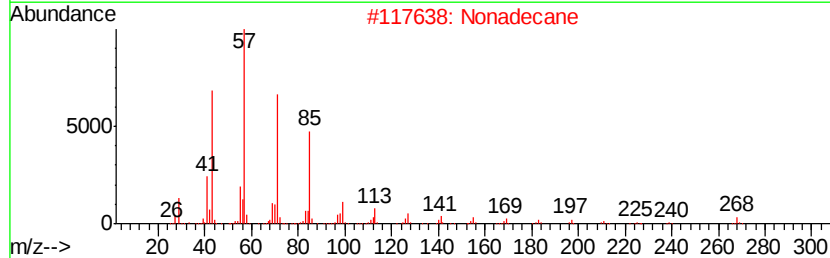
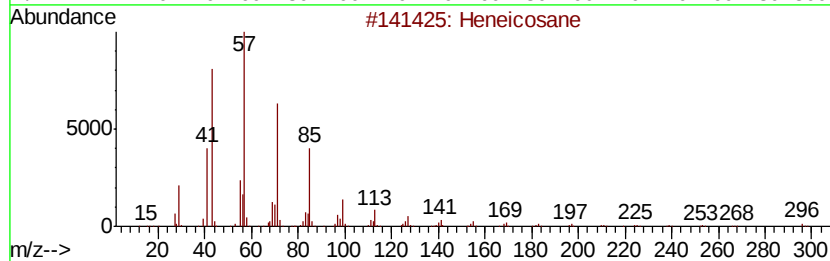
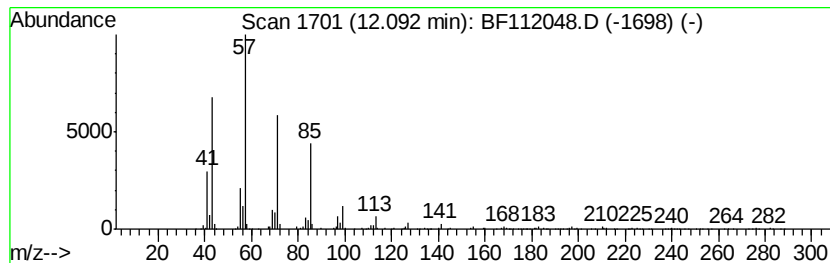
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.95 ng	504263	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonadecane		268	C19H40	000629-92-5	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Heptadecane		240	C17H36	000629-78-7	87
5	Heptacosane		380	C27H56	000593-49-7	83



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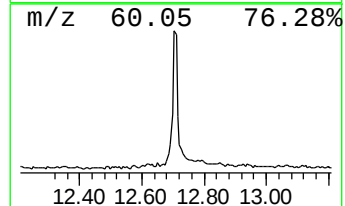
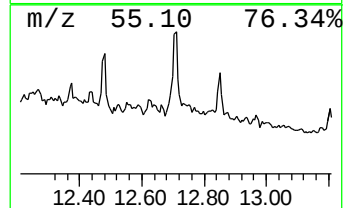
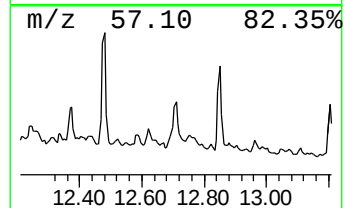
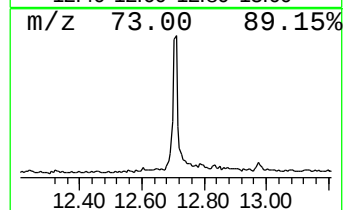
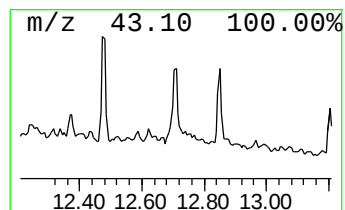
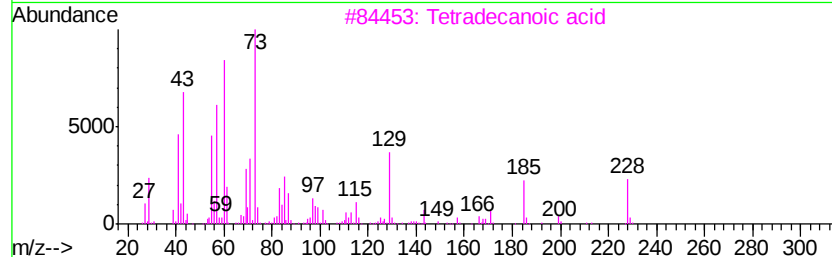
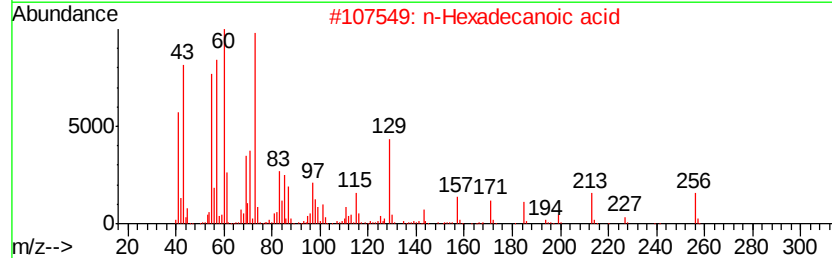
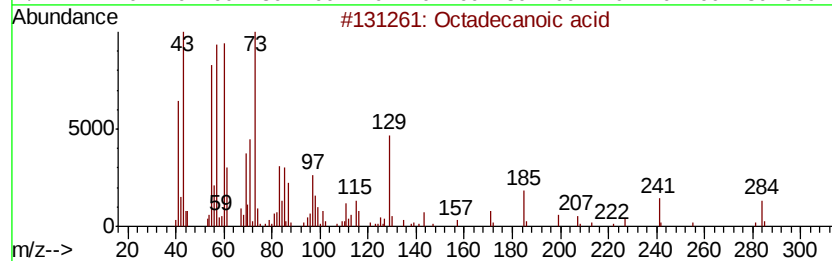
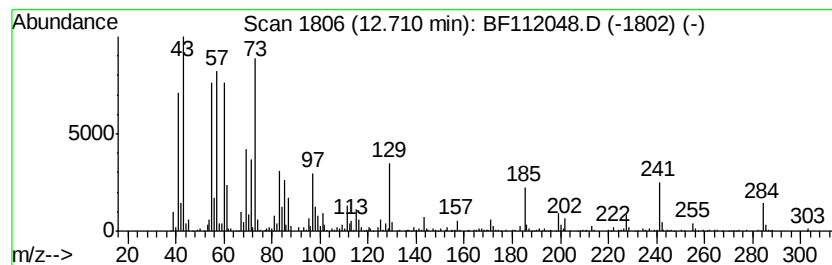
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	6.42 ng	466268	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3451

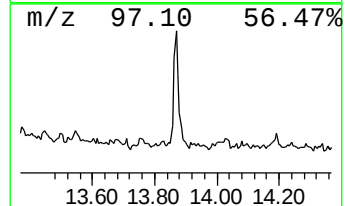
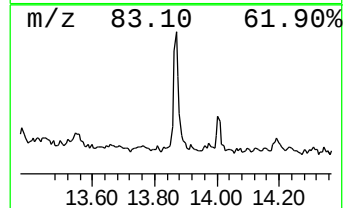
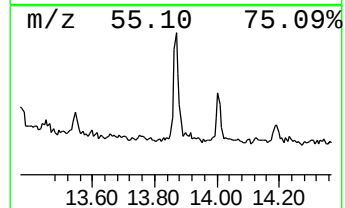
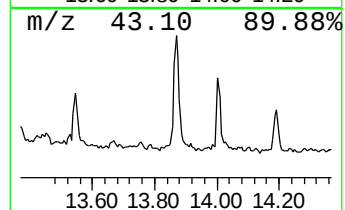
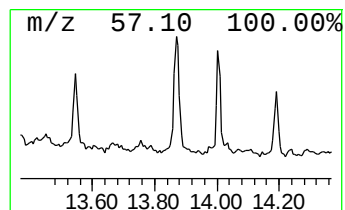
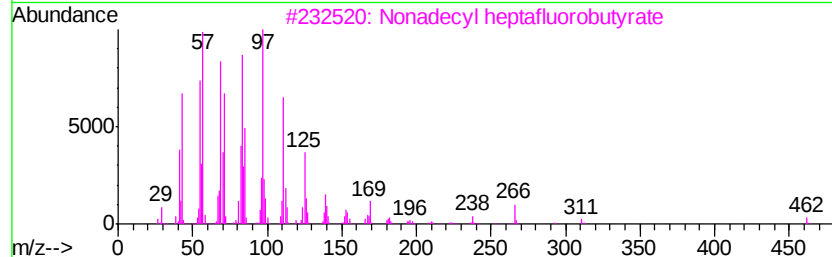
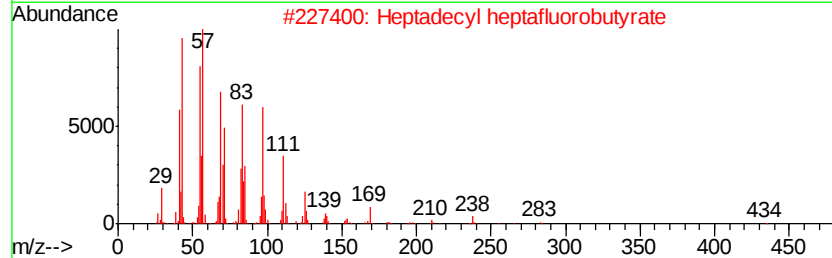
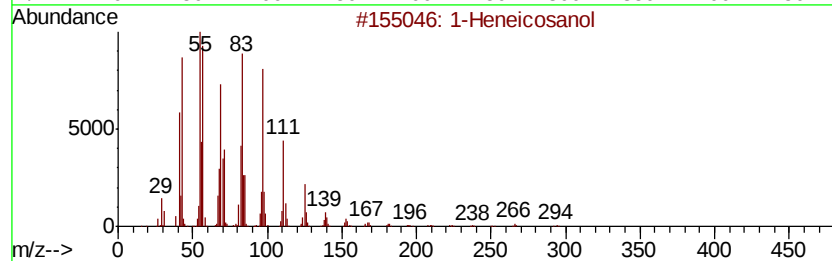
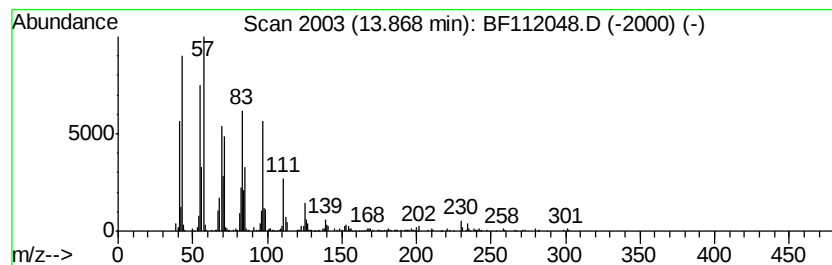
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Heneicosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.82 ng	472732	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	93
3		Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	91
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112048.D
 Acq On : 14 Jan 2019 14:09
 Operator : JU/SJ
 Sample : K1126-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3451

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.65	6.65	68.3	ng	2699620	1	6.87	789894	20.0
Tetradecane	9.30	6.9	ng	428618	3	9.90	1247830	20.0
Decane, 3-bromo-	9.83	9.2	ng	575546	3	9.90	1247830	20.0
Hexadecane	10.33	9.2	ng	573570	3	9.90	1247830	20.0
Tridecane	10.56	7.9	ng	494506	3	9.90	1247830	20.0
Heptadecane	10.81	7.2	ng	521945	4	11.39	1452040	20.0
unknown10.83	10.83	9.2	ng	670658	4	11.39	1452040	20.0
Phenol, 4-(1,1,3,...	10.87	10.9	ng	787622	4	11.39	1452040	20.0
unknown10.91	10.91	12.5	ng	908264	4	11.39	1452040	20.0
Phenol, 4-(1,1-di...	10.95	10.3	ng	750076	4	11.39	1452040	20.0
unknown11.06	11.06	10.4	ng	754759	4	11.39	1452040	20.0
4-tert-Butylpheny...	11.09	9.5	ng	689056	4	11.39	1452040	20.0
Heptacosane	11.26	7.8	ng	564950	4	11.39	1452040	20.0
Heptadecane, 2,6,...	11.29	7.5	ng	546002	4	11.39	1452040	20.0
n-Hexadecanoic acid	11.92	11.4	ng	828329	4	11.39	1452040	20.0
Heneicosane	12.09	7.0	ng	504263	4	11.39	1452040	20.0
Octadecanoic acid	12.71	6.4	ng	466268	4	11.39	1452040	20.0
1-Heneicosanol	13.87	7.8	ng	472732	5	14.03	1208830	20.0