

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113386.D
 Acq On : 28 Mar 2019 21:01
 Operator : JU/SJ
 Sample : K1697-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032719-B

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-BF032519.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	5.310	544	548	571	rBV	1867246	1995669	19.18%	2.332%
2	6.345	720	724	737	rBV	2174812	2141051	20.58%	2.502%
3	6.475	742	746	753	rVB	2223264	2144404	20.61%	2.506%
4	6.698	781	784	792	rBV	1175122	1115736	10.72%	1.304%
5	6.857	807	811	819	rVB	1881141	1654432	15.90%	1.933%
6	7.263	876	880	886	rBV	1374191	1244508	11.96%	1.454%
7	7.981	998	1002	1010	rBV	1717911	1801306	17.31%	2.105%
8	8.416	1071	1076	1081	rVV3	109869	144120	1.39%	0.168%
9	8.486	1085	1088	1092	rBV2	125108	129542	1.25%	0.151%
10	8.586	1101	1105	1108	rBV	384129	345235	3.32%	0.403%
11	8.698	1122	1124	1128	rVB	134774	115979	1.11%	0.136%
12	8.792	1136	1140	1147	rBV2	175025	309407	2.97%	0.362%
13	9.016	1175	1178	1181	rVB2	122436	122299	1.18%	0.143%
14	9.057	1181	1185	1190	rBV	2841839	2421434	23.27%	2.829%
15	9.145	1197	1200	1205	rBV2	475674	470471	4.52%	0.550%
16	9.328	1224	1231	1235	rBV4	121770	227061	2.18%	0.265%
17	9.398	1240	1243	1245	rVV2	204539	246546	2.37%	0.288%
18	9.422	1245	1247	1249	rVV2	173856	154776	1.49%	0.181%
19	9.451	1249	1252	1257	rVV2	305453	509888	4.90%	0.596%
20	9.522	1260	1264	1267	rVB3	124024	185180	1.78%	0.216%
21	9.592	1274	1276	1279	rBV	185083	150470	1.45%	0.176%
22	9.675	1287	1290	1293	rBV	637830	462385	4.44%	0.540%
23	9.733	1294	1300	1303	rBV	1885712	1825368	17.54%	2.133%
24	9.763	1303	1305	1309	rVB	214249	174515	1.68%	0.204%
25	9.910	1326	1330	1332	rBV3	72601	104855	1.01%	0.123%
26	9.939	1332	1335	1337	rVB	170875	162343	1.56%	0.190%
27	9.998	1343	1345	1349	rVB4	137384	124032	1.19%	0.145%
28	10.175	1371	1375	1378	rBV	587431	507228	4.87%	0.593%
29	10.275	1389	1392	1399	rBV	343683	404171	3.88%	0.472%
30	10.392	1409	1412	1415	rVV	234865	216230	2.08%	0.253%
31	10.439	1417	1420	1423	rVB4	106183	126945	1.22%	0.148%
32	10.516	1429	1433	1438	rBV	1641000	1687461	16.22%	1.972%
33	10.645	1451	1455	1462	rVB	656680	785714	7.55%	0.918%
34	10.827	1482	1486	1488	rBV2	90951	140405	1.35%	0.164%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.086	1528	1530	1533	rBV	514310	483984	4.65%	0.566%
36	11.122	1533	1536	1541	rVB	246342	299651	2.88%	0.350%
37	11.210	1547	1551	1553	rBV	1882784	1670370	16.05%	1.952%
38	11.233	1553	1555	1559	rVV	1877598	1500330	14.42%	1.753%
39	11.286	1561	1564	1568	rVV	381961	376029	3.61%	0.439%
40	11.510	1599	1602	1605	rBV2	498058	505962	4.86%	0.591%
41	11.533	1605	1606	1610	rVB3	242516	192344	1.85%	0.225%
42	11.616	1616	1620	1623	rBV	5001832	4473059	42.99%	5.227%
43	11.710	1633	1636	1639	rVV	380619	343712	3.30%	0.402%
44	11.757	1639	1644	1647	rVV2	1013438	1412975	13.58%	1.651%
45	11.786	1647	1649	1651	rVV	192546	171406	1.65%	0.200%
46	11.821	1651	1655	1657	rVV2	604151	646243	6.21%	0.755%
47	11.845	1657	1659	1664	rVB	304708	295665	2.84%	0.345%
48	11.916	1665	1671	1675	rBV2	430468	573323	5.51%	0.670%
49	12.004	1683	1686	1690	rBV2	266588	275601	2.65%	0.322%
50	12.257	1726	1729	1732	rBV	235902	212801	2.05%	0.249%
51	12.304	1732	1737	1739	rBV	6880589	10404929	100.00%	12.158%
52	12.333	1739	1742	1747	rVV	7675415	9846009	94.63%	11.505%
53	12.404	1750	1754	1755	rBV	2328165	2072726	19.92%	2.422%
54	12.421	1755	1757	1760	rVV	1994298	1553773	14.93%	1.816%
55	12.457	1761	1763	1766	rVV3	204430	190758	1.83%	0.223%
56	12.539	1773	1777	1780	rBV	1311805	1342332	12.90%	1.568%
57	12.645	1790	1795	1798	rBV	1856610	2459905	23.64%	2.874%
58	12.674	1798	1800	1803	rVB2	335895	245605	2.36%	0.287%
59	12.792	1813	1820	1823	rBV	2256860	2200355	21.15%	2.571%
60	12.874	1829	1834	1837	rBV2	180559	309922	2.98%	0.362%
61	12.957	1844	1848	1849	rBV2	585460	580906	5.58%	0.679%
62	12.974	1849	1851	1854	rVV	603620	545972	5.25%	0.638%
63	13.039	1858	1862	1865	rVV2	710396	941125	9.04%	1.100%
64	13.074	1865	1868	1873	rVV2	276072	337654	3.25%	0.395%
65	13.121	1873	1876	1880	rVB	381012	337993	3.25%	0.395%
66	13.168	1881	1884	1886	rVB	161621	131963	1.27%	0.154%
67	13.198	1886	1889	1892	rBV	194039	167758	1.61%	0.196%
68	13.274	1900	1902	1911	rVB5	134337	204065	1.96%	0.238%
69	13.368	1915	1918	1921	rBV2	226127	198236	1.91%	0.232%
70	13.486	1935	1938	1940	rBV	139388	150782	1.45%	0.176%
71	13.586	1953	1955	1958	rVV	165267	167041	1.61%	0.195%

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72	13.615	1958	1960	1962	rVV	179334	138363	1.33%	0.162%
73	13.639	1962	1964	1970	rVV3	129858	175638	1.69%	0.205%
74	13.692	1970	1973	1976	rVB2	243420	240014	2.31%	0.280%
75	13.786	1986	1989	1991	rBV	256653	232520	2.23%	0.272%
76	13.839	1993	1998	2000	rVV2	1726469	2480507	23.84%	2.898%
77	13.863	2000	2002	2010	rVB	1001734	918964	8.83%	1.074%
78	14.010	2024	2027	2030	rVB2	232405	190164	1.83%	0.222%
79	14.221	2061	2063	2066	rVB2	223274	187934	1.81%	0.220%
80	14.315	2075	2079	2082	rBV3	301871	308213	2.96%	0.360%
81	14.345	2082	2084	2086	rBV	167565	182171	1.75%	0.213%
82	14.404	2091	2094	2095	rBV2	130243	122638	1.18%	0.143%
83	14.604	2125	2128	2131	rBV	368154	379751	3.65%	0.444%
84	14.710	2142	2146	2152	rBV	368049	543021	5.22%	0.635%
85	14.845	2165	2169	2176	rBV	802055	1544165	14.84%	1.804%
86	14.915	2179	2181	2184	rVV	378715	393510	3.78%	0.460%
87	14.945	2184	2186	2190	rVB	151468	155022	1.49%	0.181%
88	15.127	2213	2217	2222	rVB	474775	606432	5.83%	0.709%
89	15.186	2223	2227	2232	rVV	721995	911410	8.76%	1.065%
90	15.245	2232	2237	2239	rVV	1074943	1382781	13.29%	1.616%
91	15.268	2239	2241	2249	rVB2	571090	635822	6.11%	0.743%
92	15.662	2304	2308	2315	rBV	286852	443158	4.26%	0.518%
93	16.121	2383	2386	2397	rVB	225884	379895	3.65%	0.444%
94	16.598	2462	2467	2473	rVB2	286857	498065	4.79%	0.582%
95	17.003	2532	2536	2543	rVB	196397	357208	3.43%	0.417%

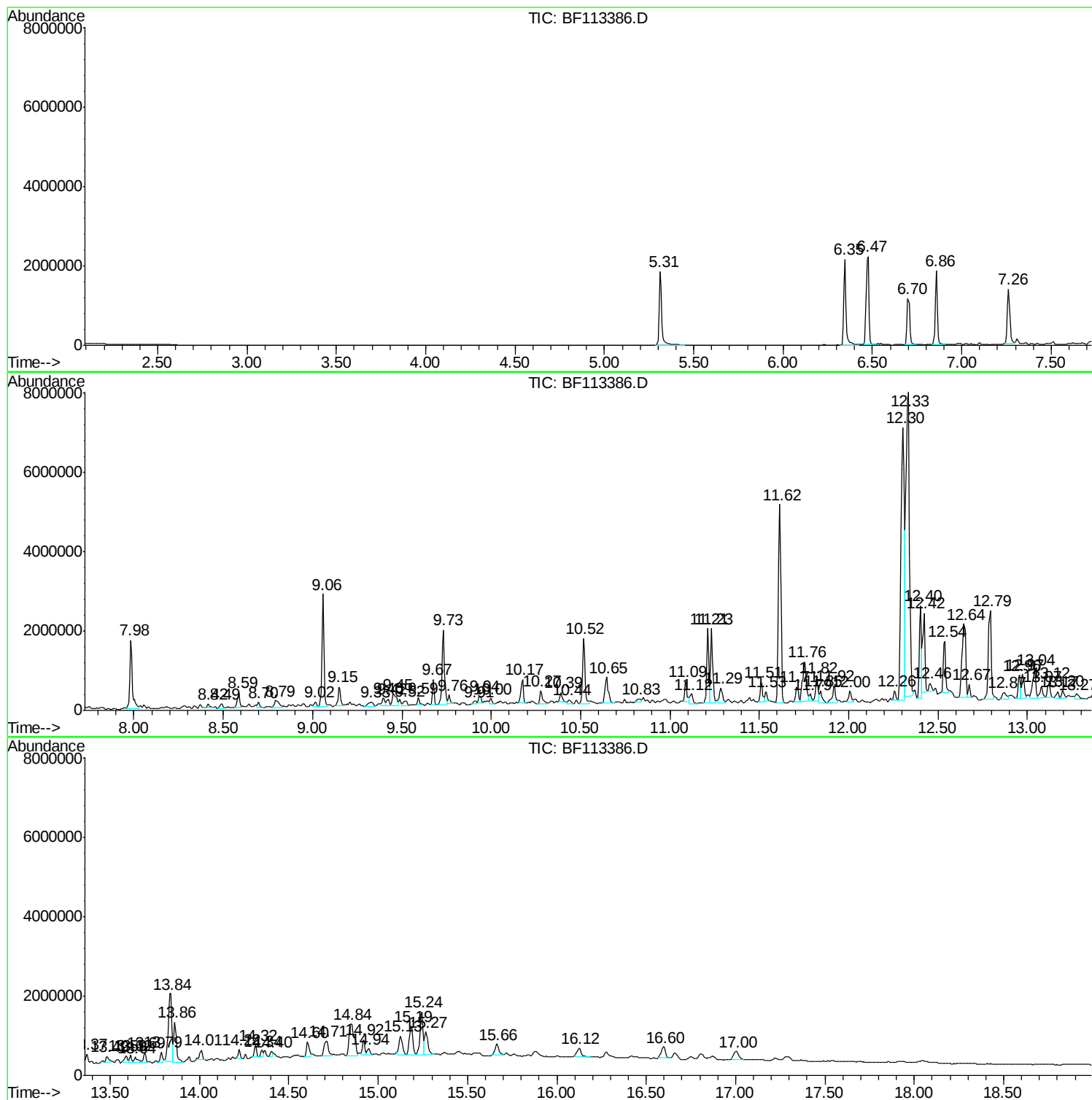
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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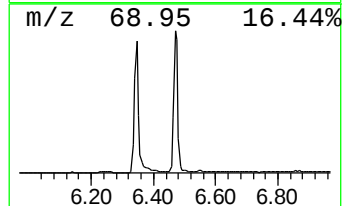
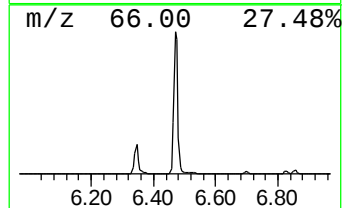
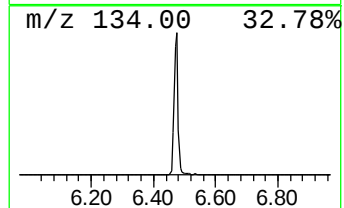
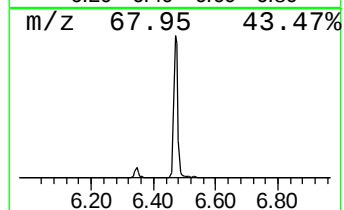
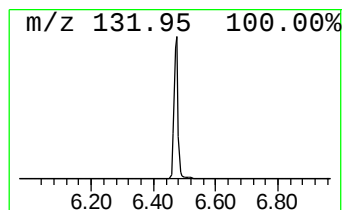
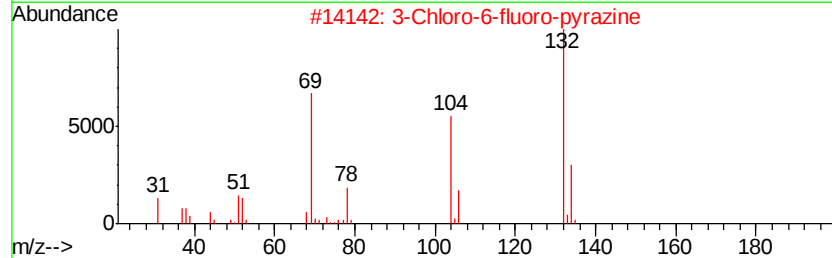
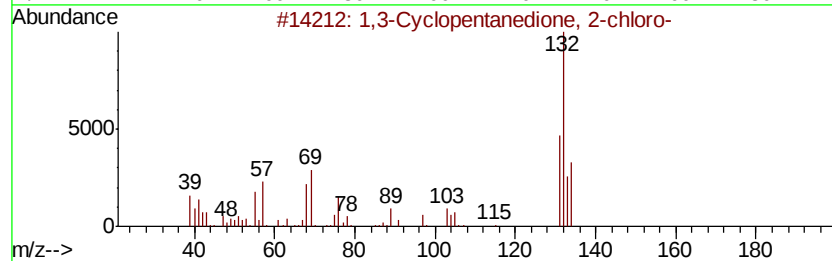
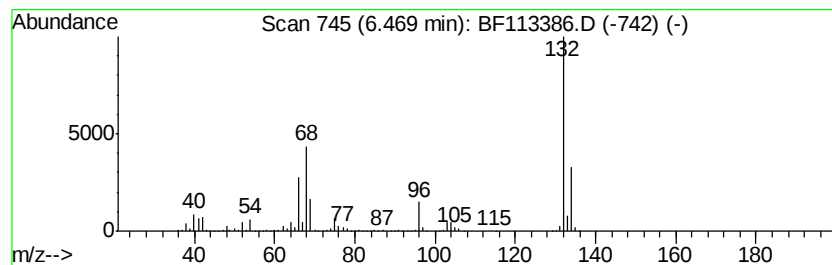
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	38.44 ng	2144400	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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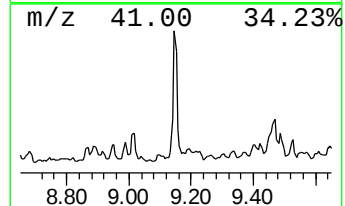
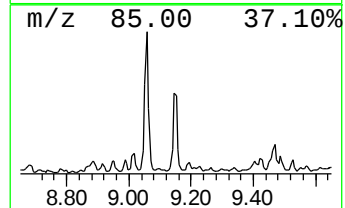
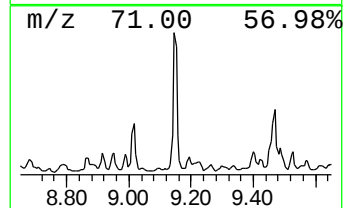
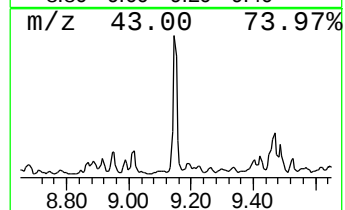
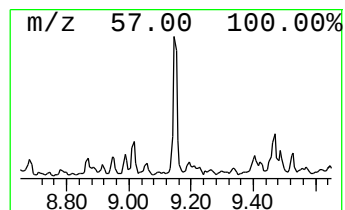
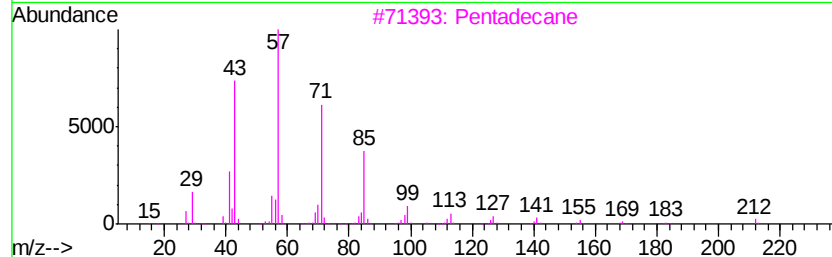
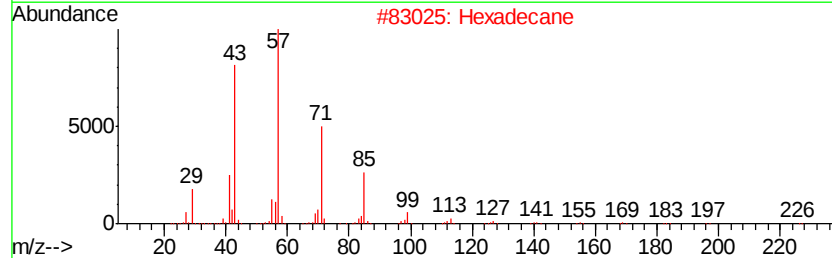
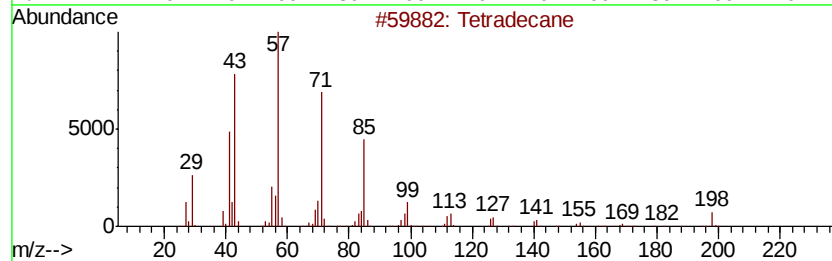
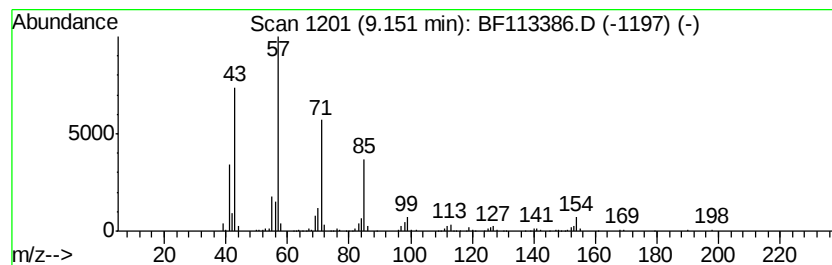
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.15 ng	470471	Acenaphthene-d10	9.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



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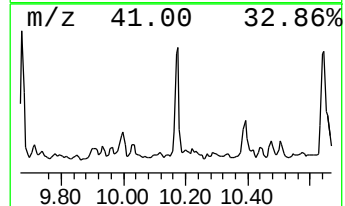
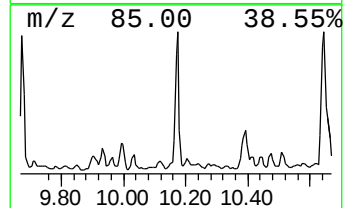
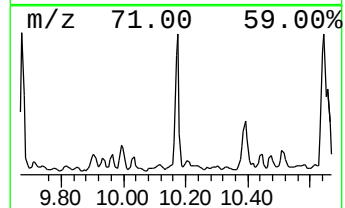
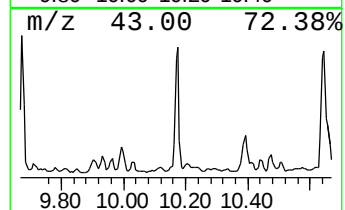
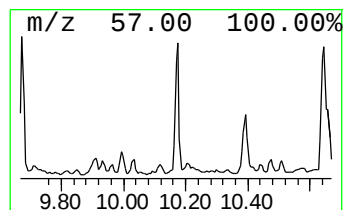
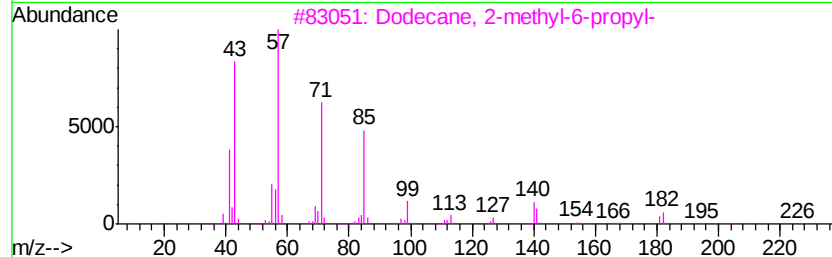
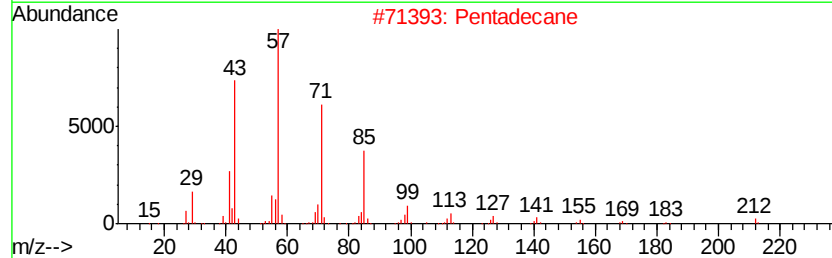
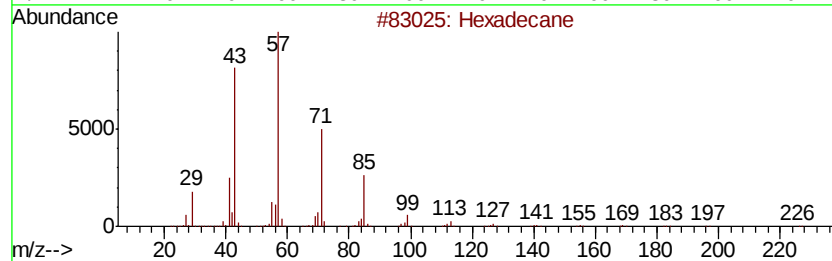
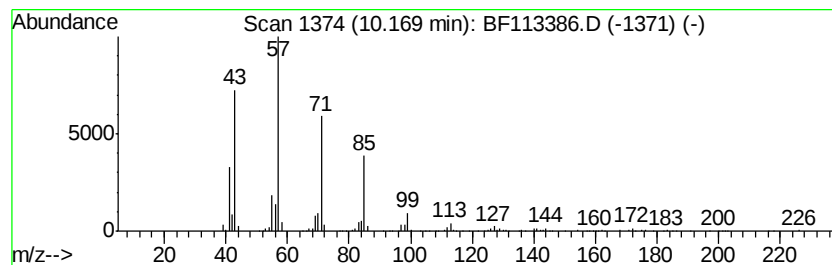
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.17	5.56 ng	507228	Acenaphthene-d10		9.73	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Pentadecane		212	C15H32	000629-62-9	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	64
5	Tridecane		184	C13H28	000629-50-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

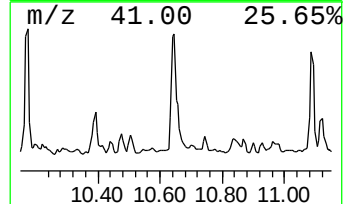
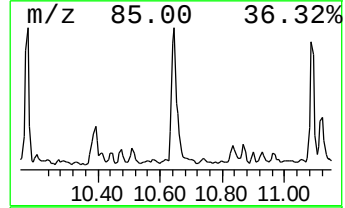
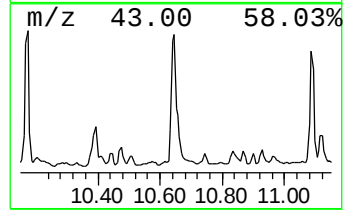
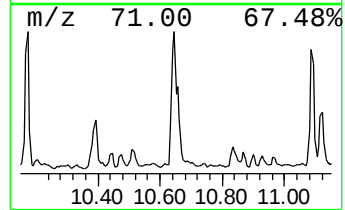
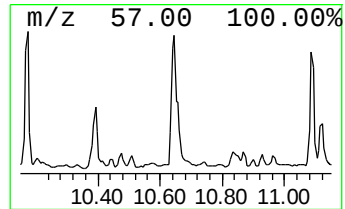
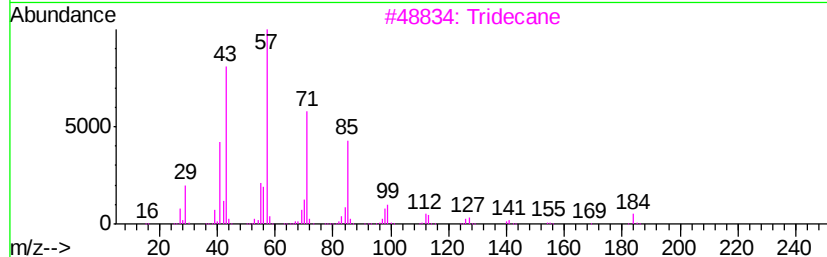
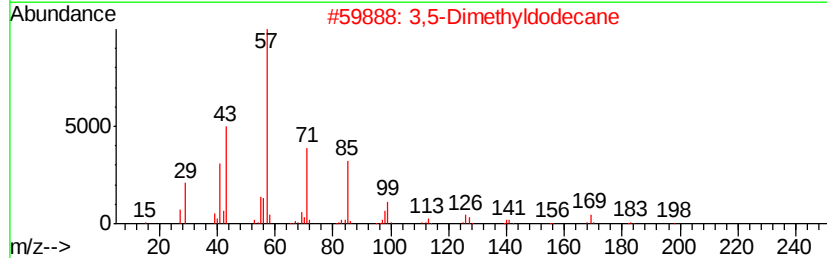
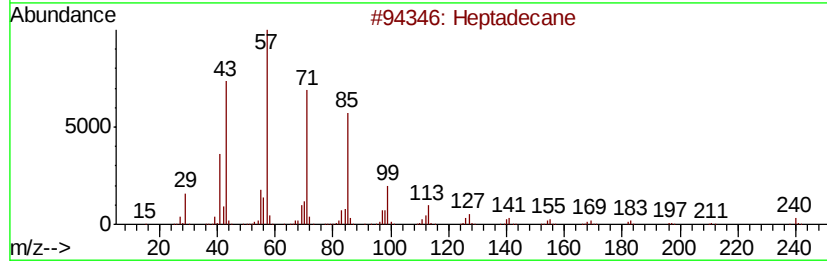
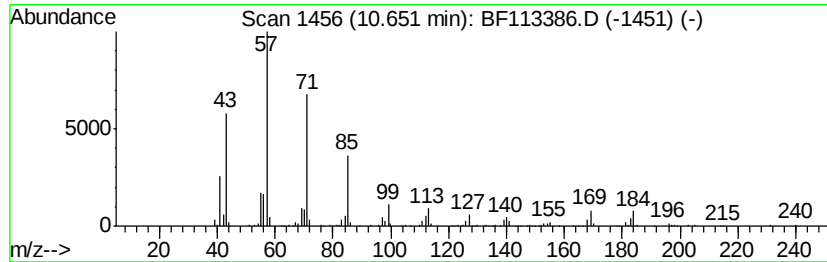
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ClientSampleId :
SU-02-032719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.65	9.41 ng	785714	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

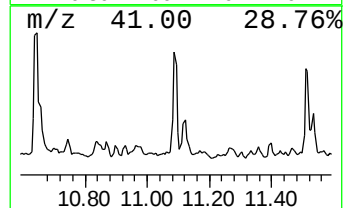
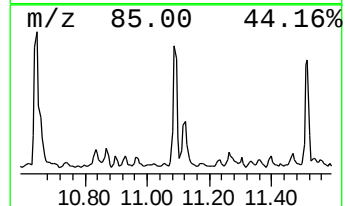
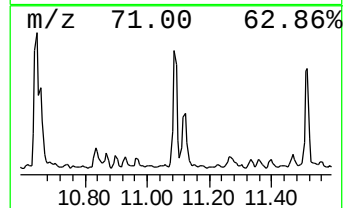
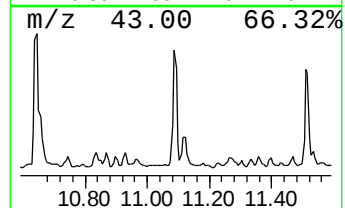
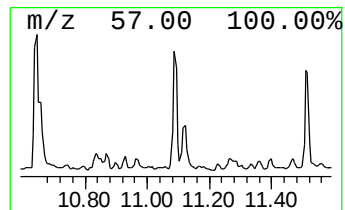
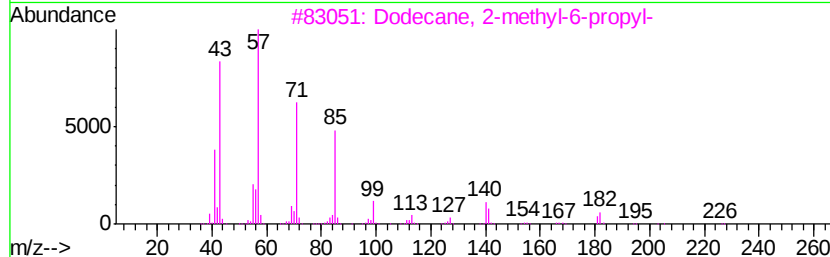
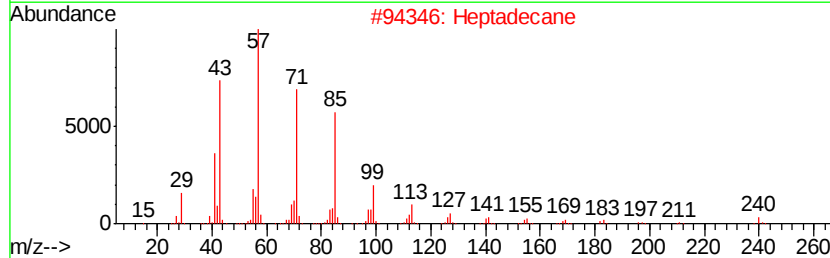
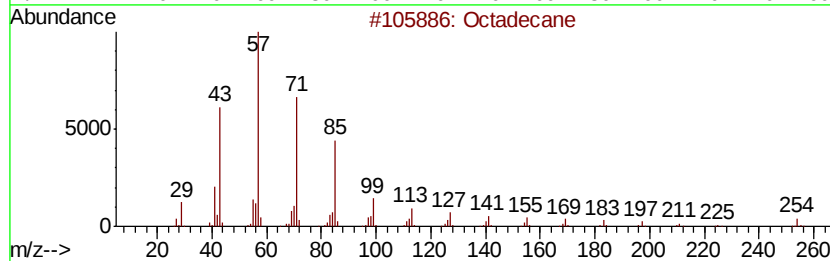
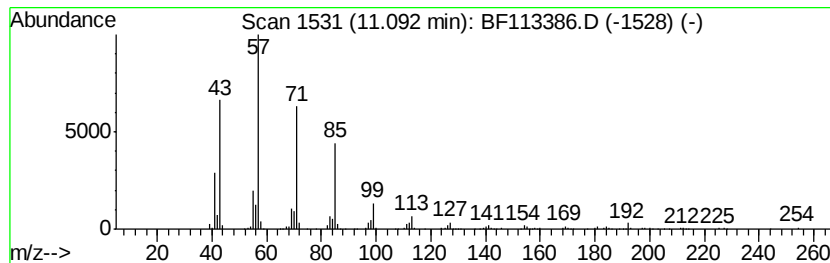
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ClientSampleId :
SU-02-032719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.09	5.79 ng	483984	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 2-methvl-6-propvl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

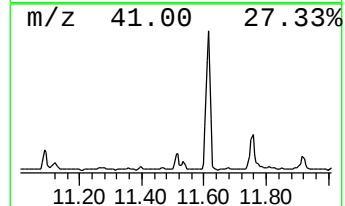
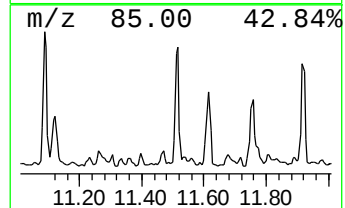
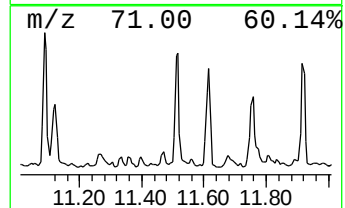
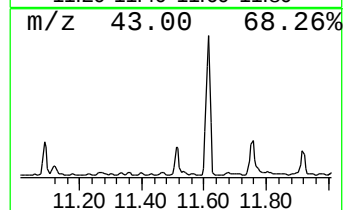
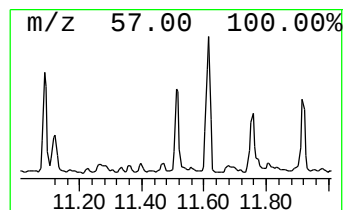
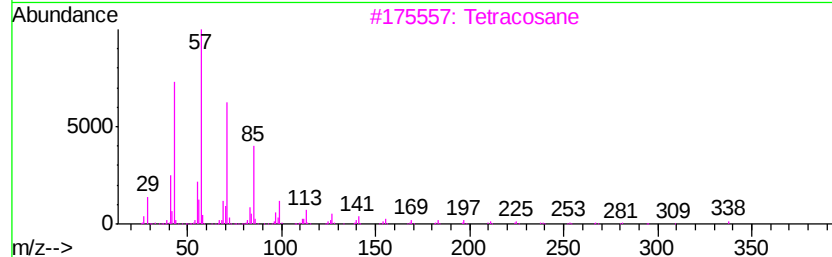
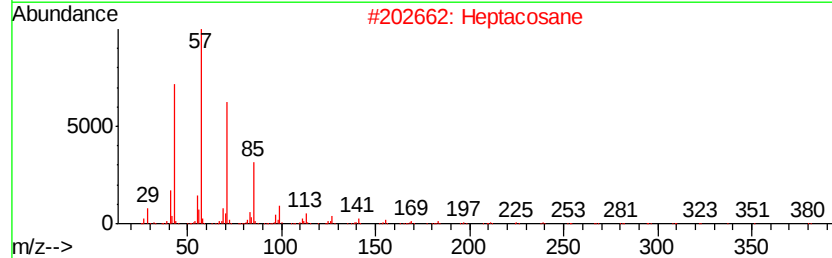
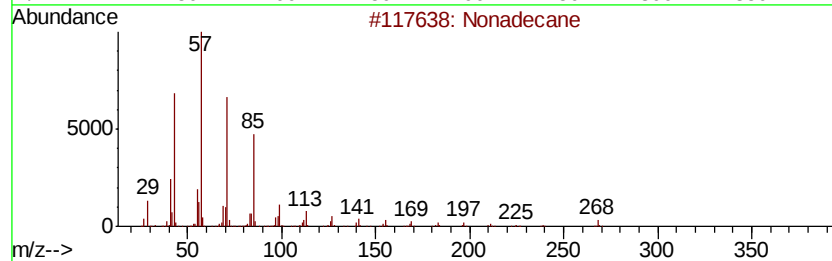
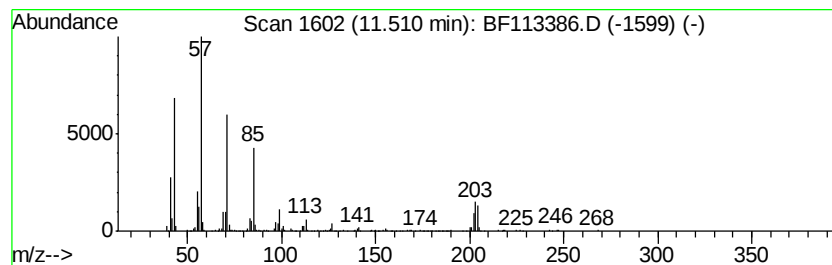
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ClientSampleId :
SU-02-032719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.51	6.06 ng	505962	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptacosane	380	C27H56	000593-49-7	74
3	Tetracosane	338	C24H50	000646-31-1	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-B

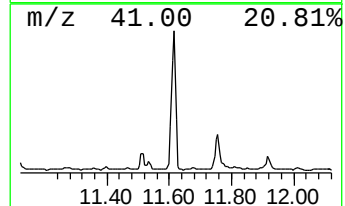
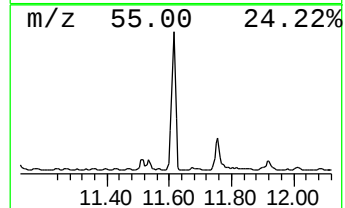
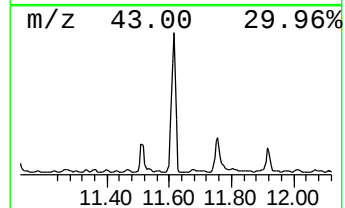
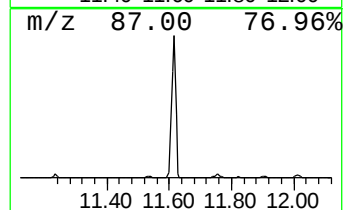
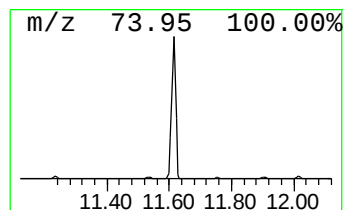
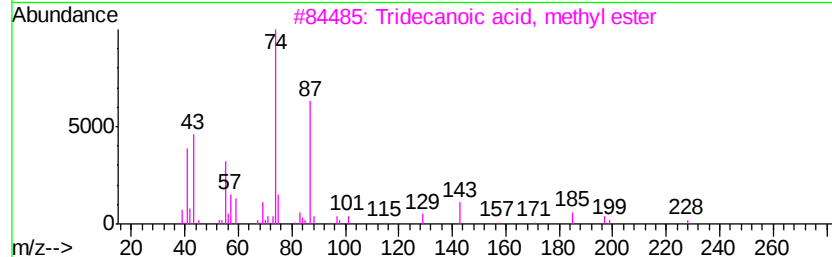
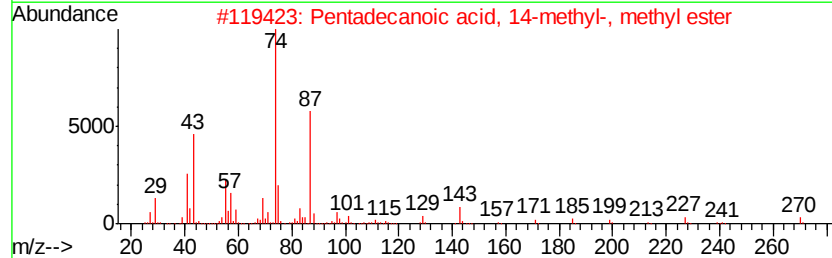
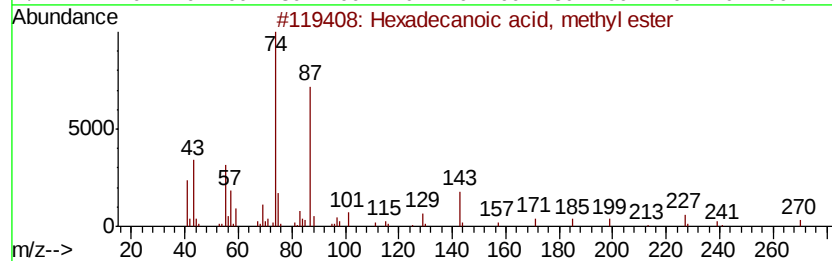
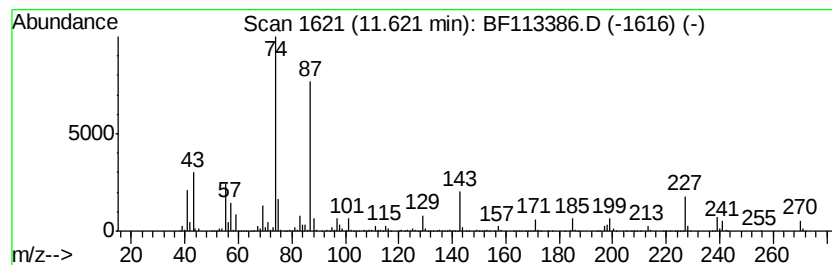
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	53.56 ng	4473060	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
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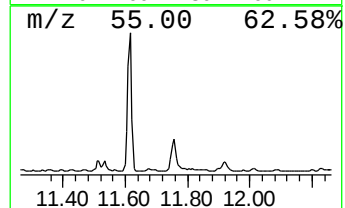
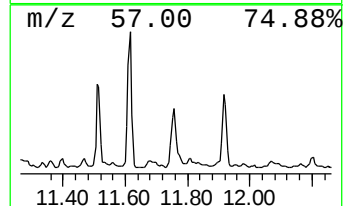
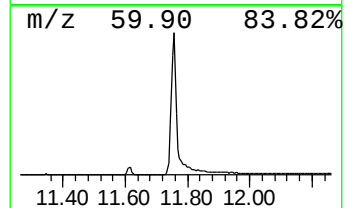
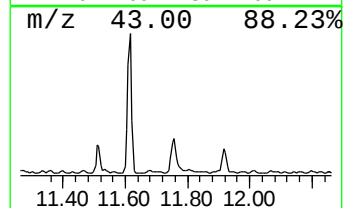
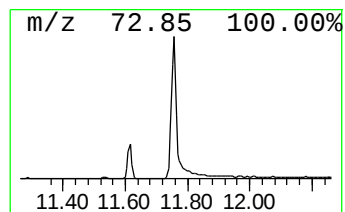
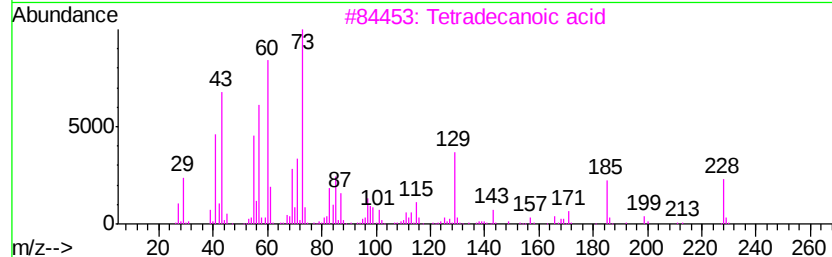
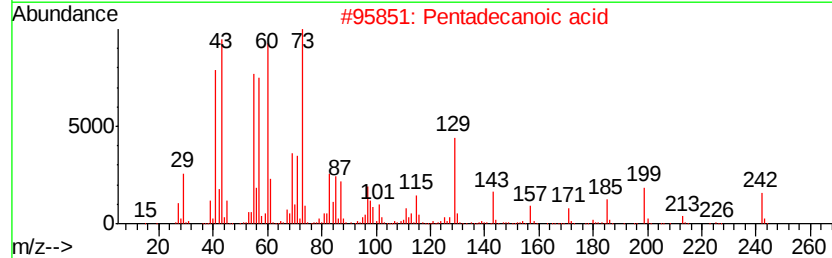
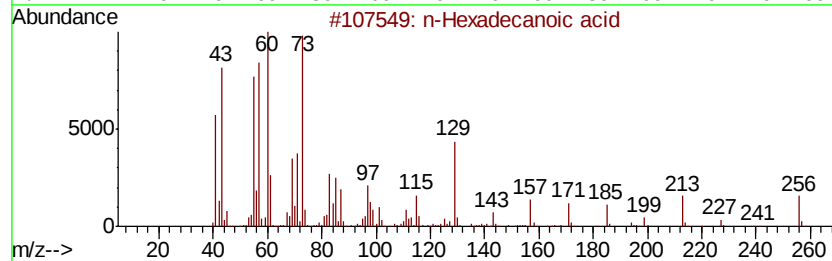
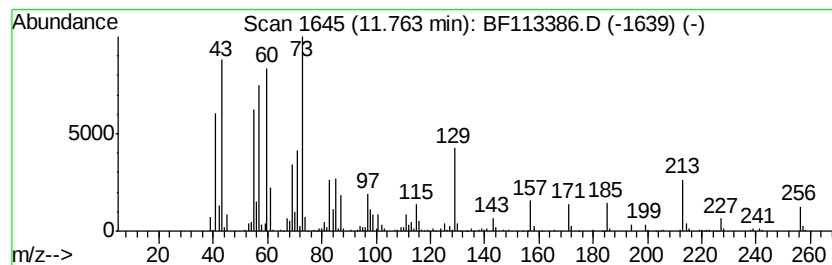
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	16.92 ng	1412980	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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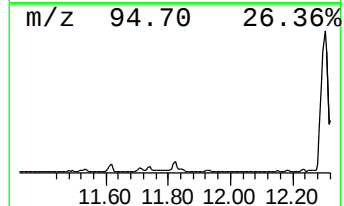
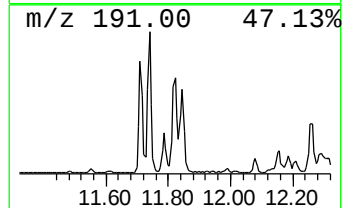
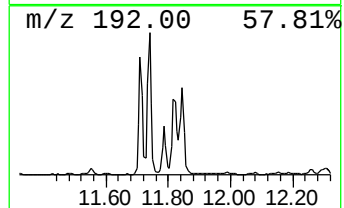
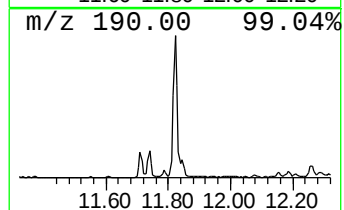
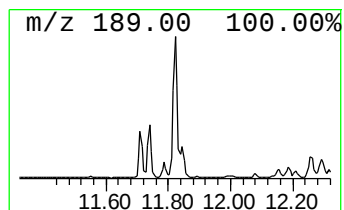
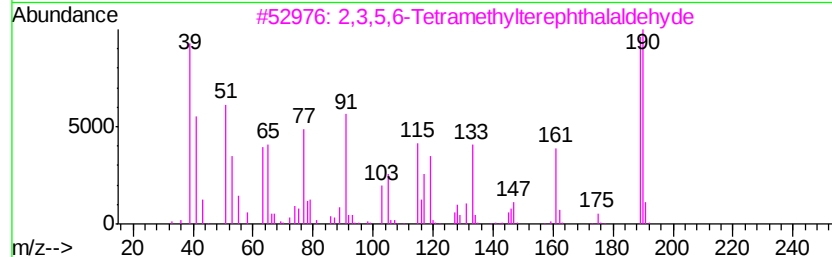
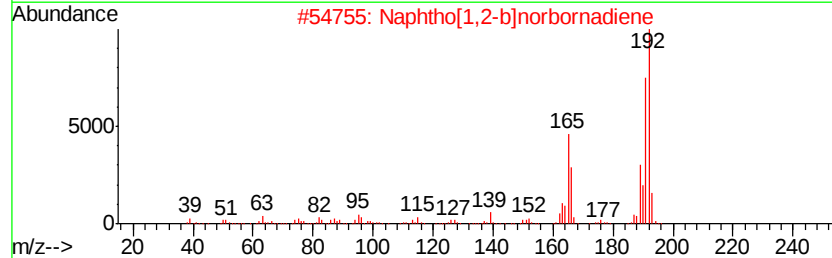
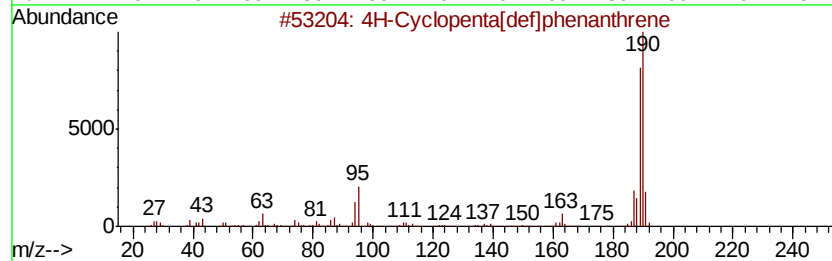
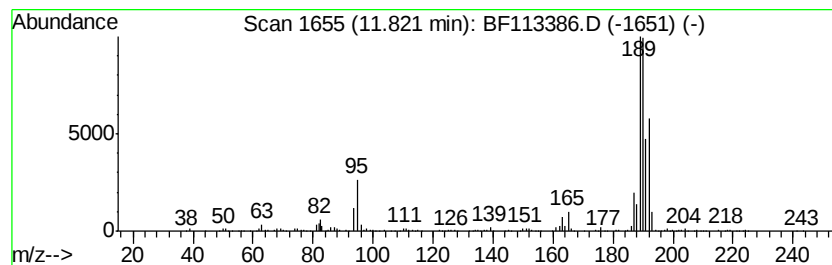
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	7.74 ng	646243	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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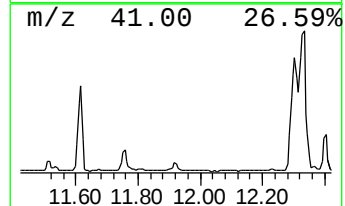
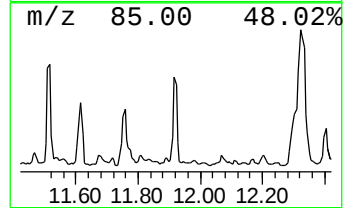
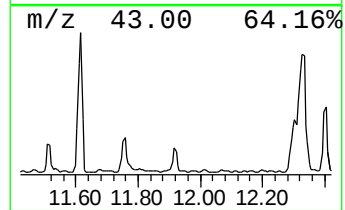
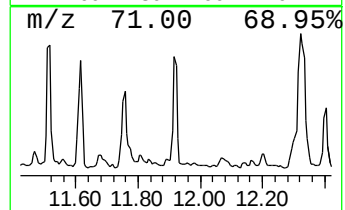
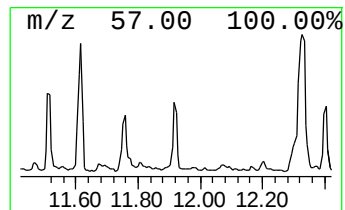
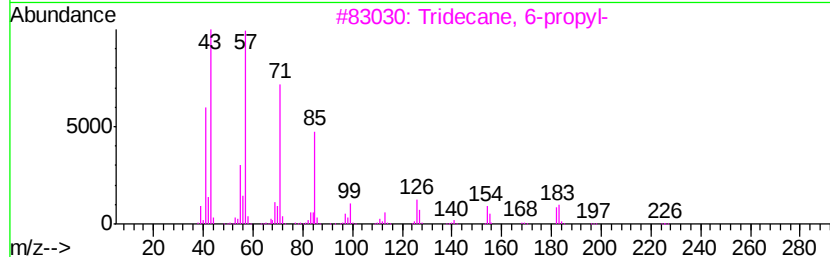
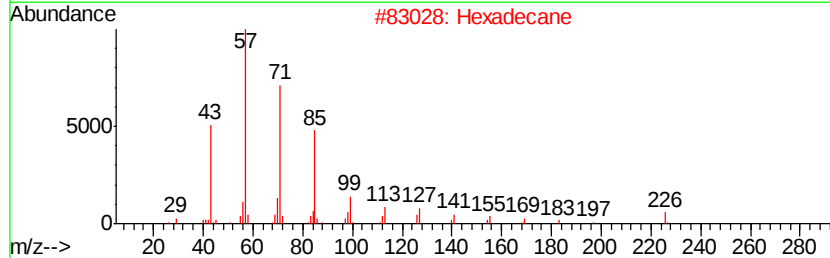
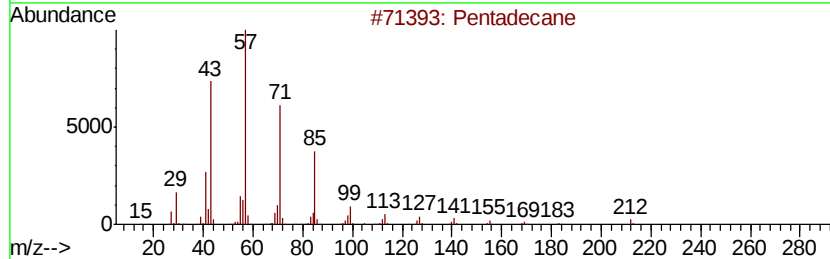
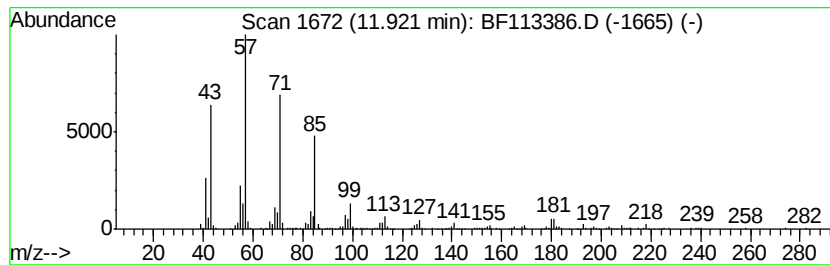
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	6.86 ng	573323	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90



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Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
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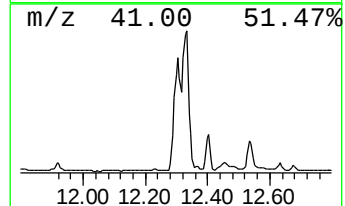
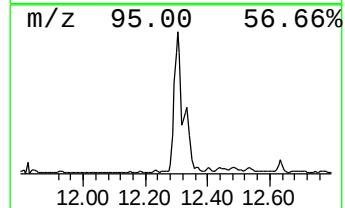
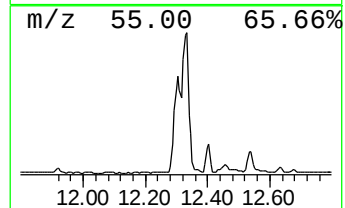
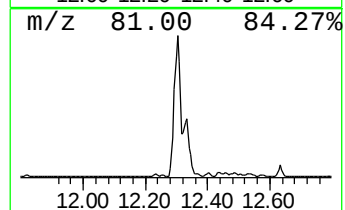
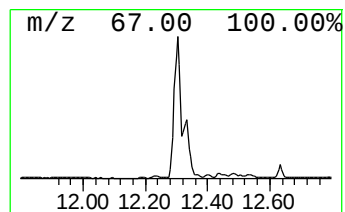
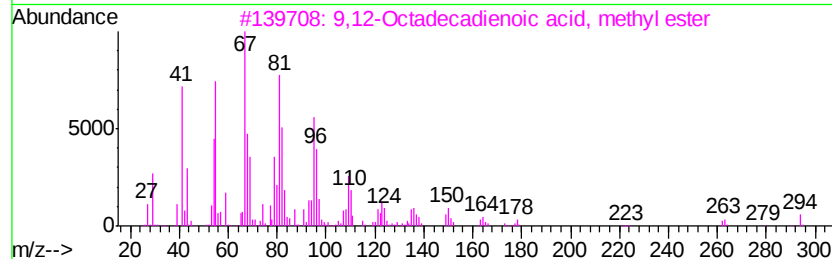
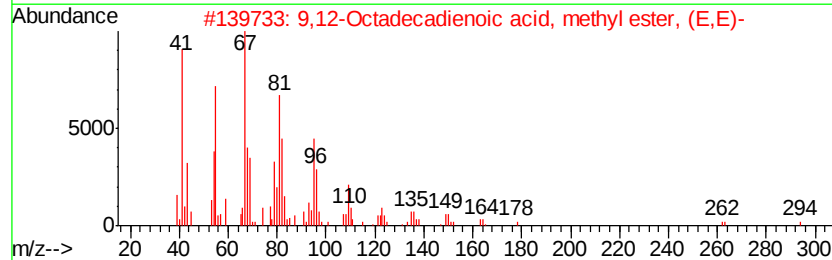
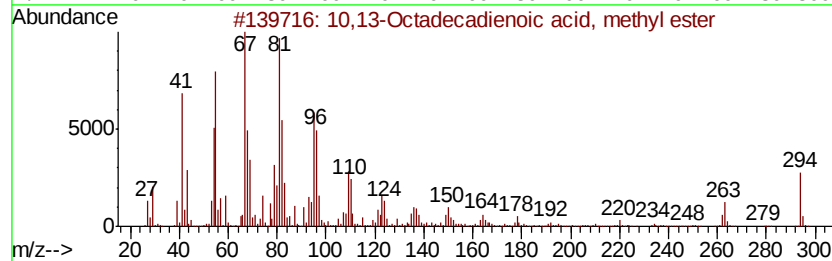
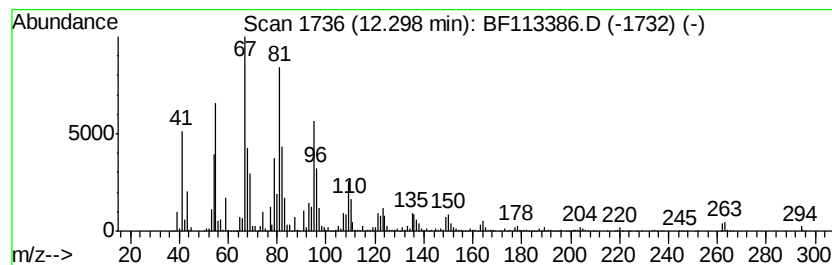
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	124.58 ng	10404900	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



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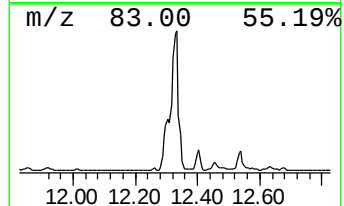
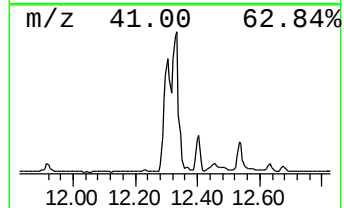
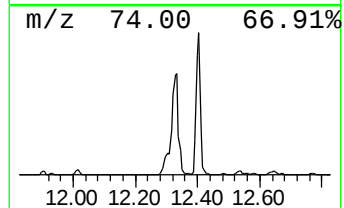
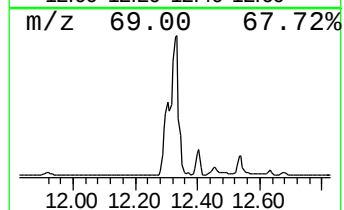
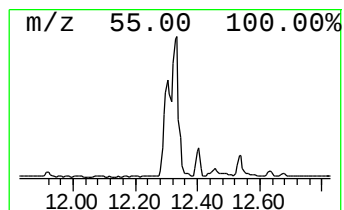
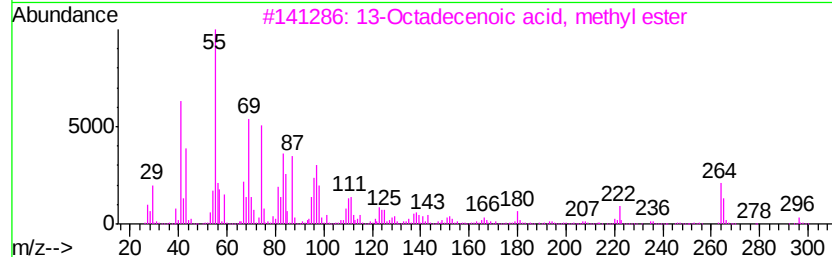
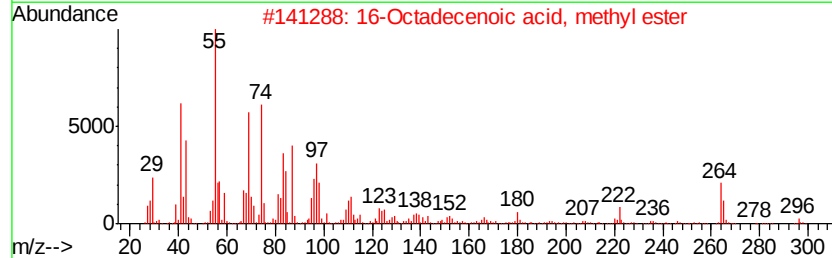
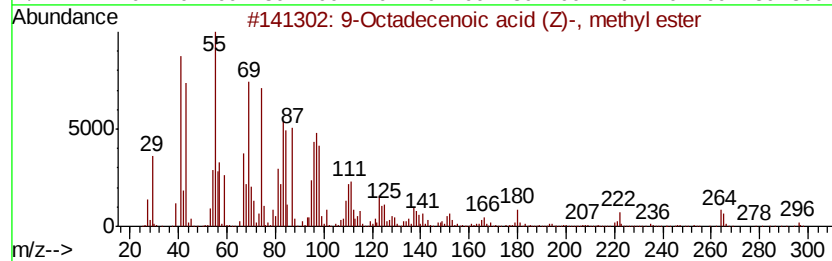
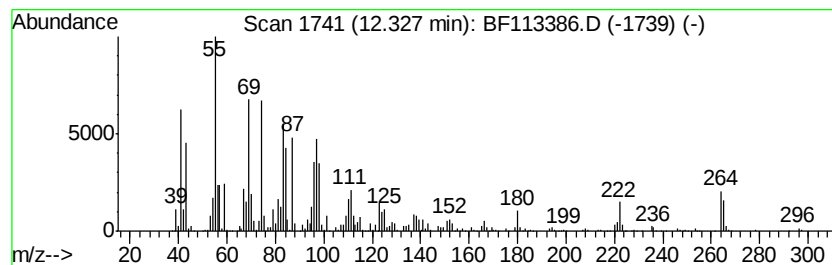
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	117.89 ng	9846010	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



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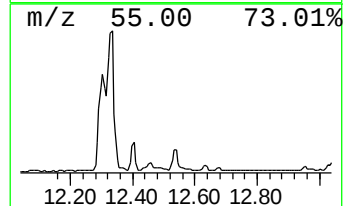
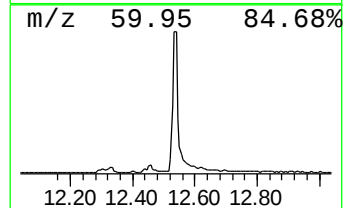
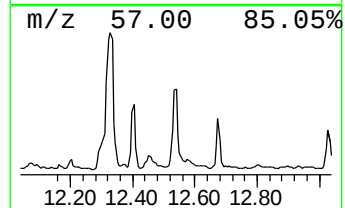
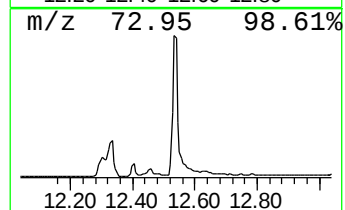
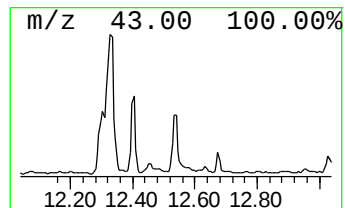
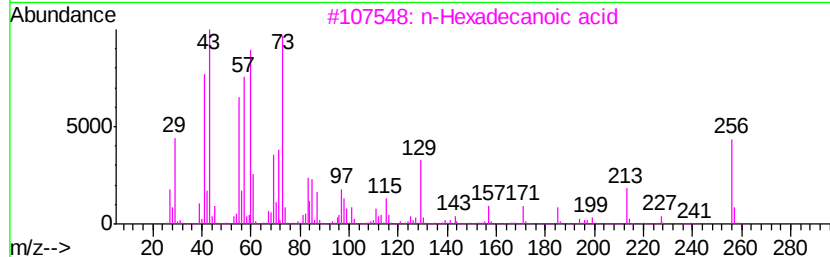
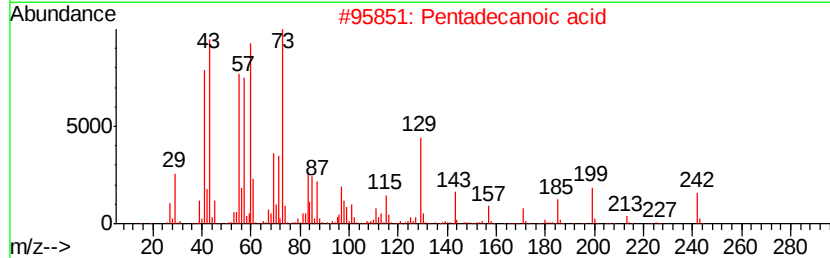
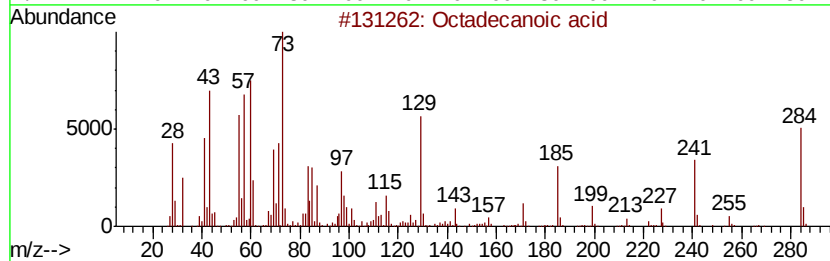
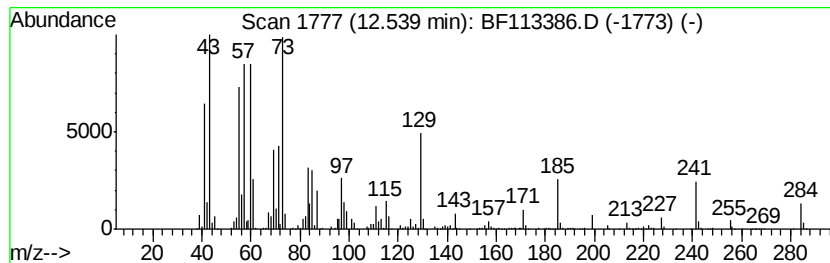
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	10.82 ng	1342330	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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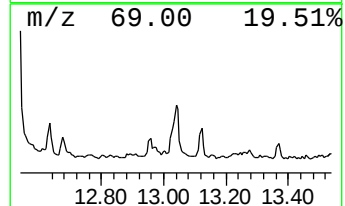
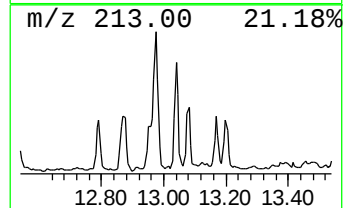
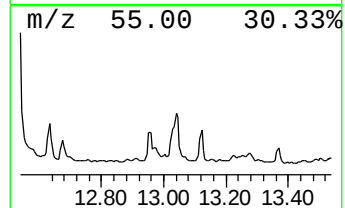
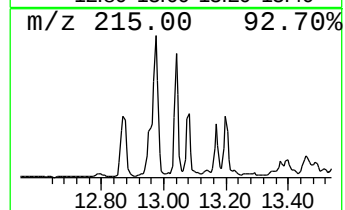
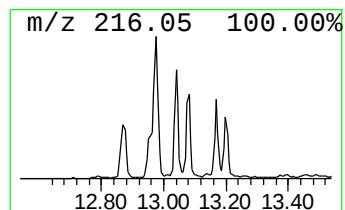
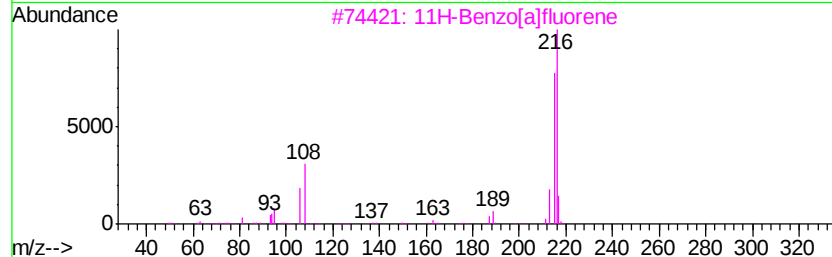
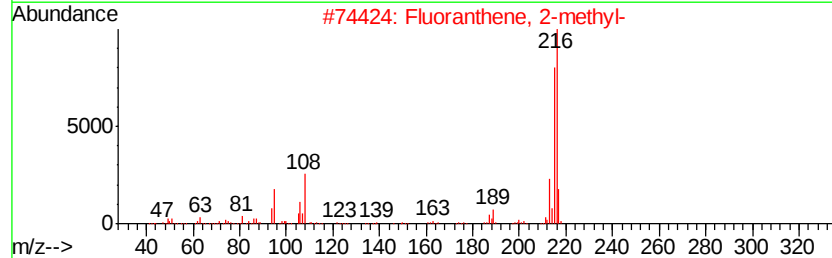
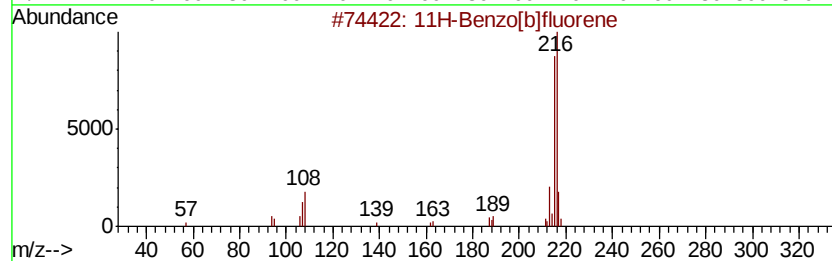
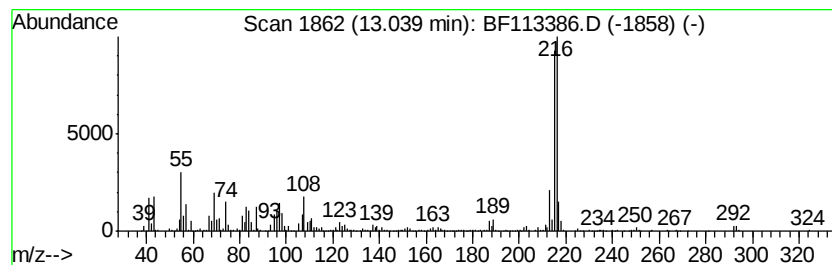
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	7.59 ng	941125	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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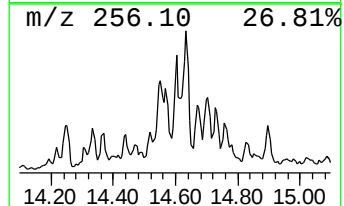
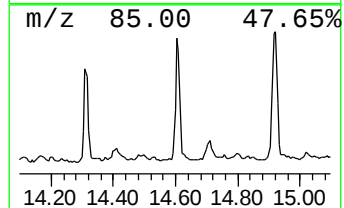
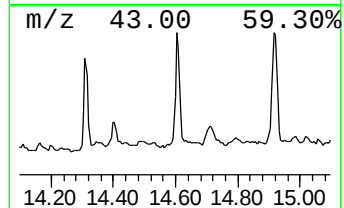
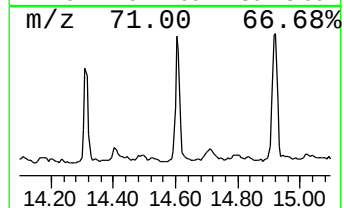
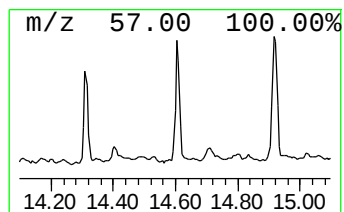
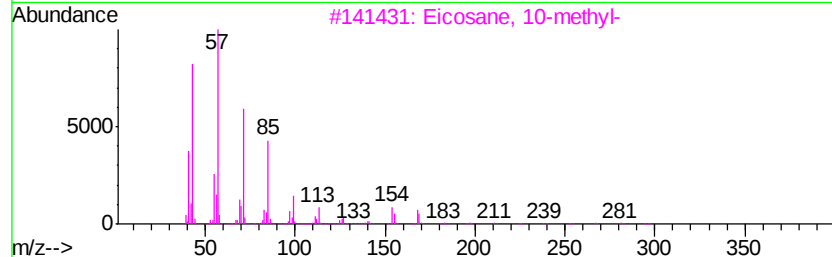
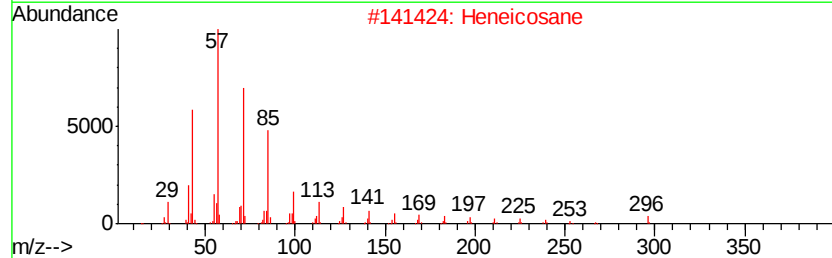
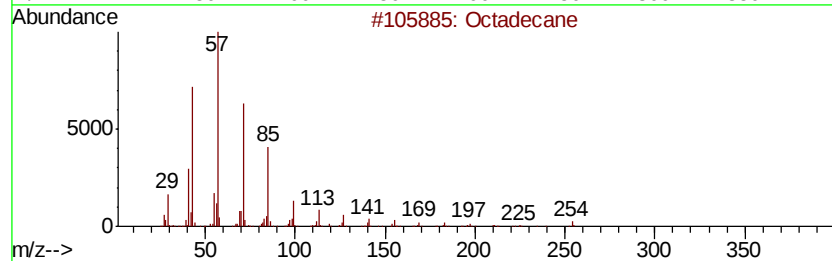
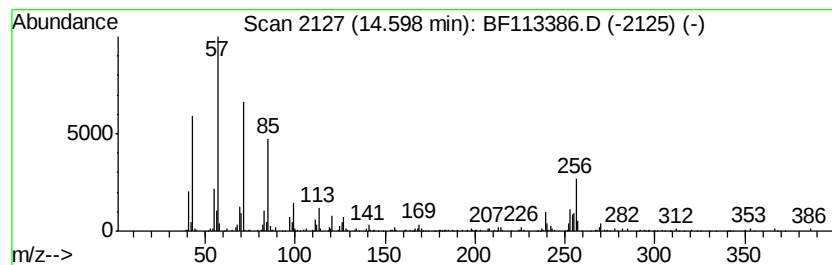
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 16 Eicosane, 10-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.49 ng	379751	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Octacosane	394	C28H58	000630-02-4	74
5			Hexadecane	226	C16H34	000544-76-3	74



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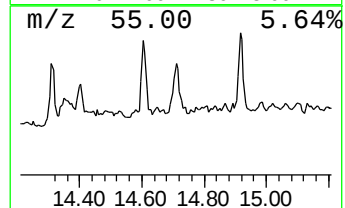
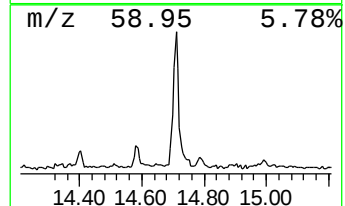
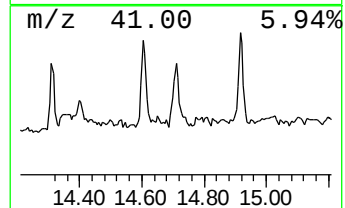
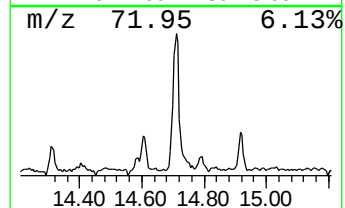
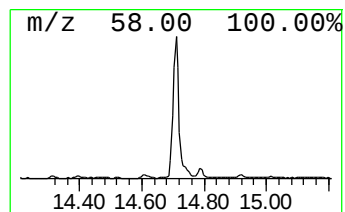
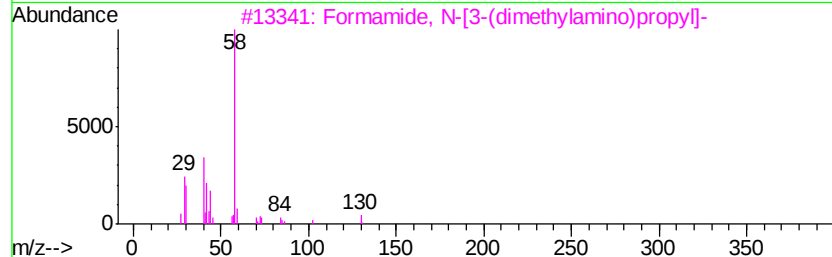
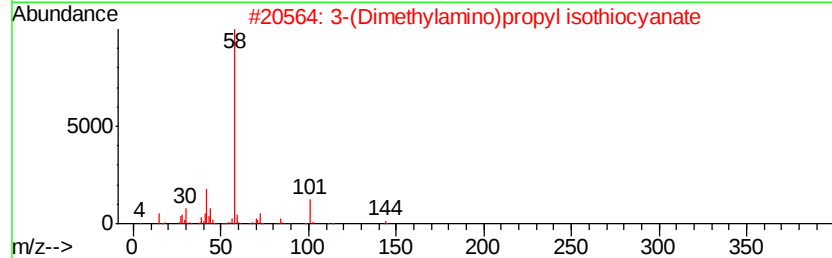
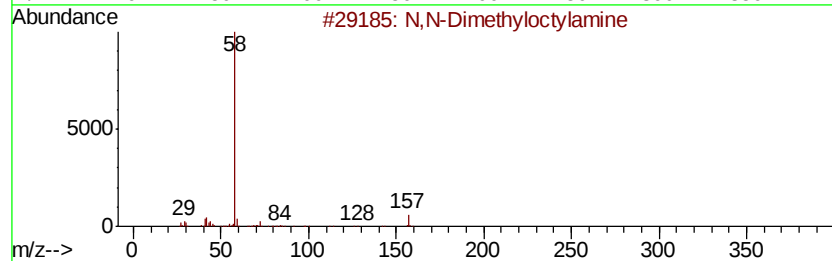
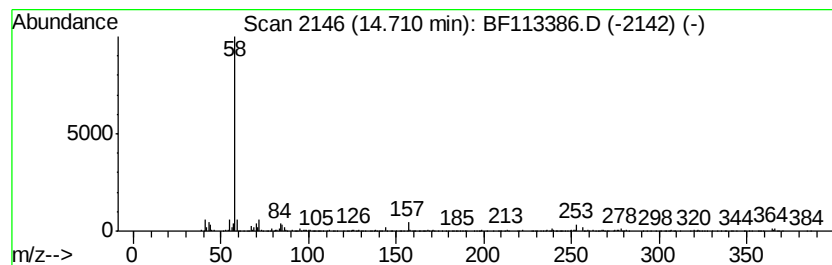
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 N,N-Dimethyloctylamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.85 ng	543021	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
3		Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4		3-Hexanamine, 3-ethyl-	129	C8H19N	056667-17-5	64
5		Dimantine	297	C20H43N	000124-28-7	64



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Data File : BF113386.D
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ALS Vial : 18 Sample Multiplier: 1

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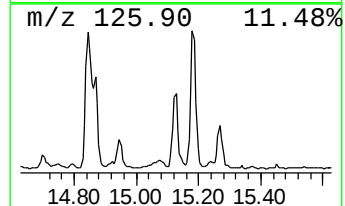
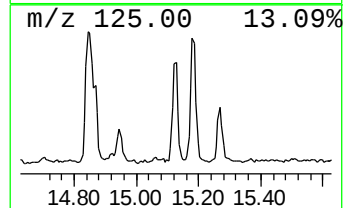
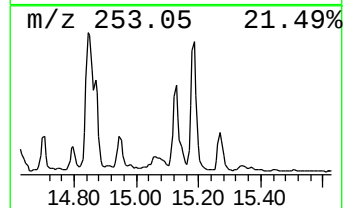
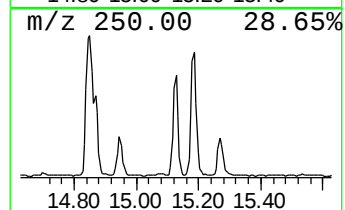
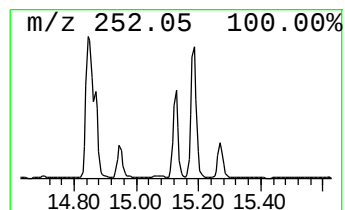
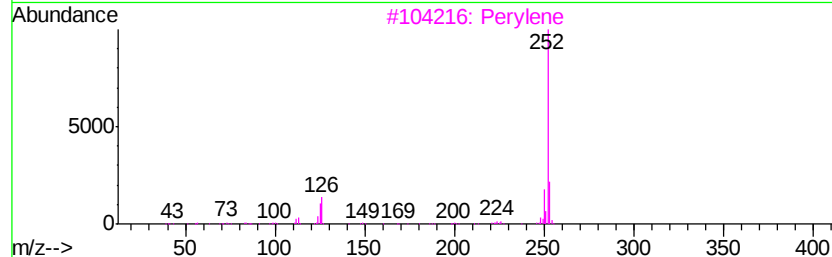
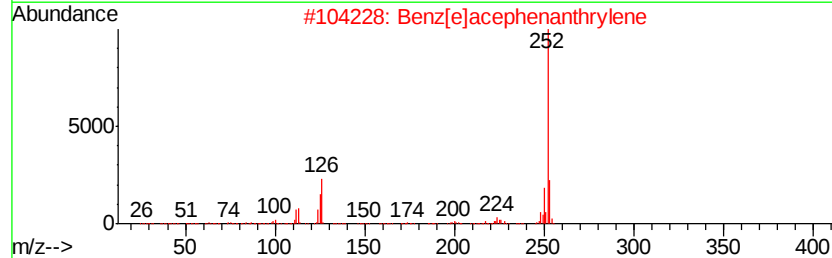
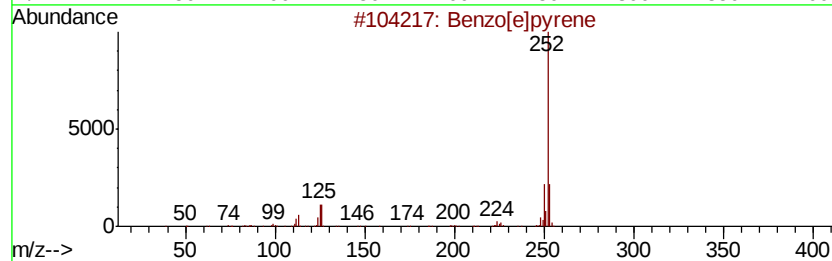
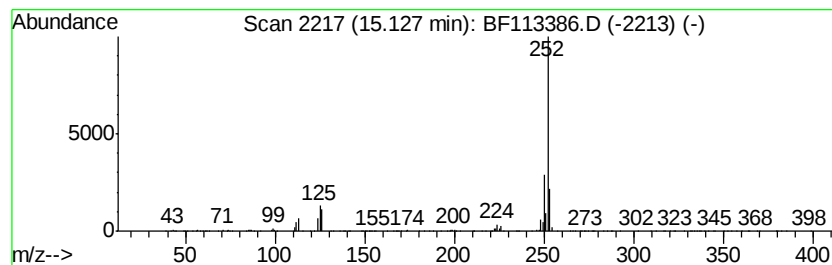
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	8.77 ng	606432	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-B

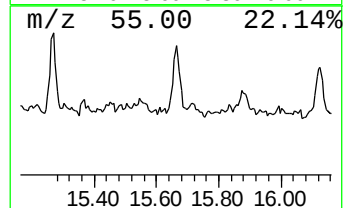
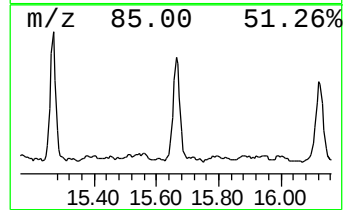
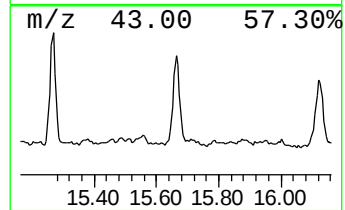
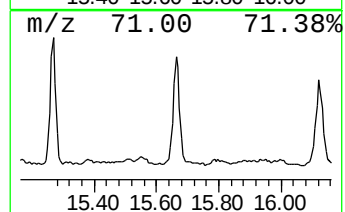
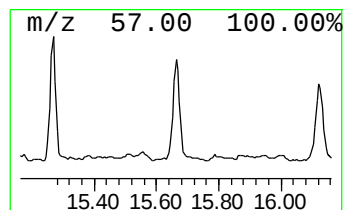
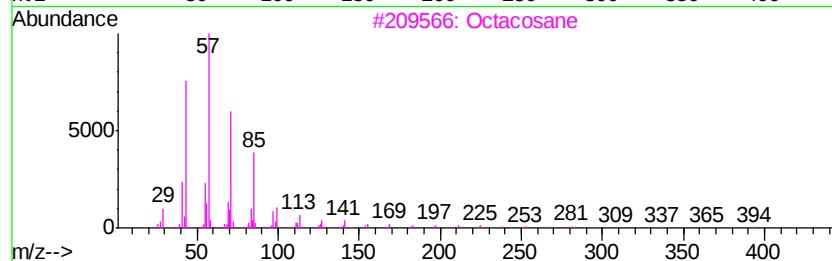
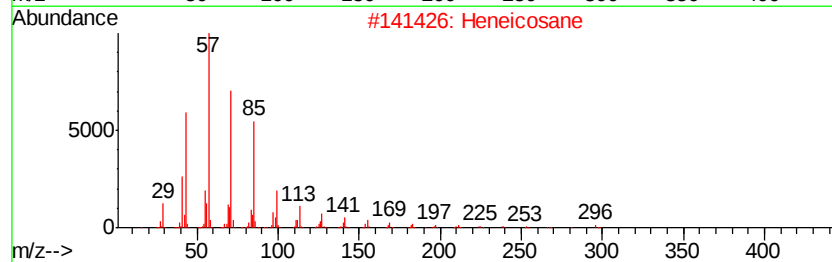
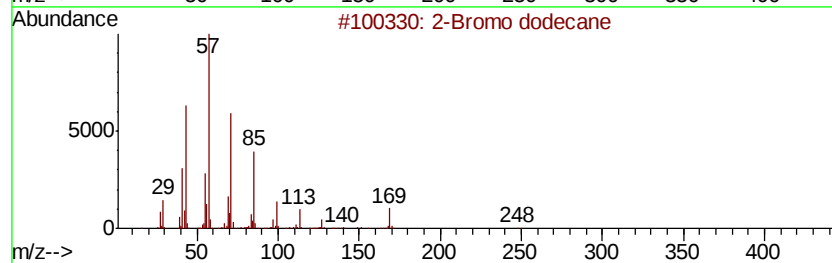
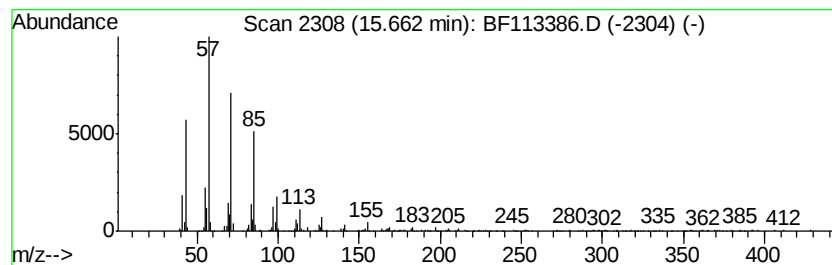
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.41 ng	443158	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113386.D
Acq On : 28 Mar 2019 21:01
Operator : JU/SJ
Sample : K1697-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-B

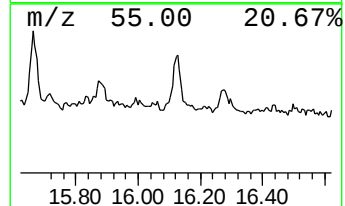
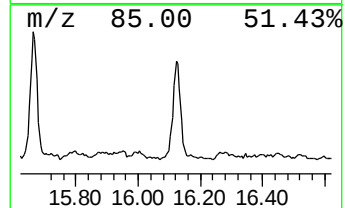
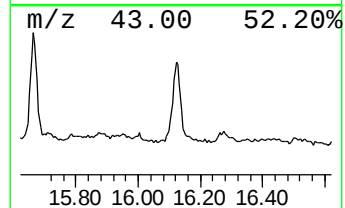
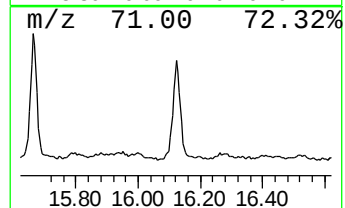
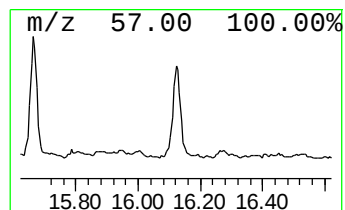
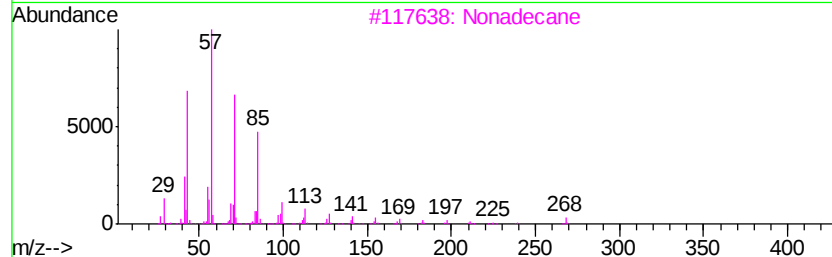
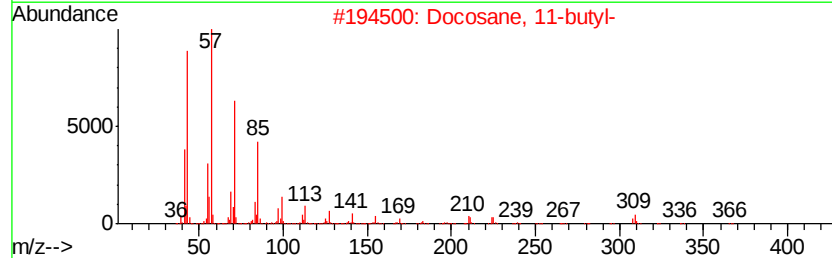
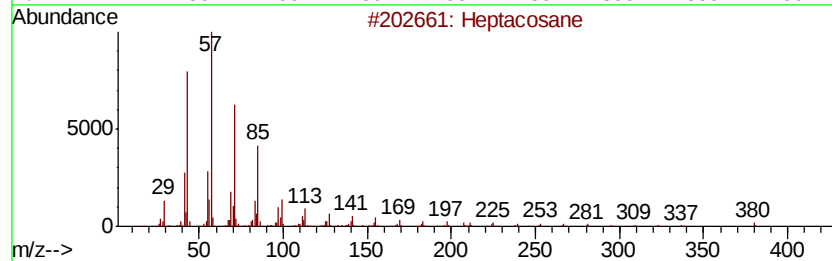
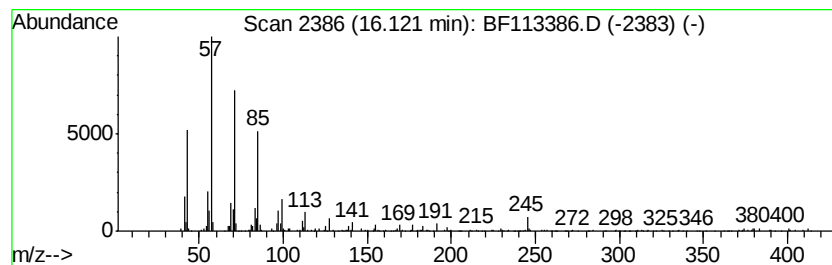
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.49 ng	379895	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	93
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113386.D
 Acq On : 28 Mar 2019 21:01
 Operator : JU/SJ
 Sample : K1697-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	38.4	ng	2144400	1	6.70	1115740	20.0
Tetradecane	9.15	5.2	ng	470471	3	9.73	1825370	20.0
Hexadecane	10.17	5.6	ng	507228	3	9.73	1825370	20.0
Heptadecane	10.65	9.4	ng	785714	4	11.21	1670370	20.0
Octadecane	11.09	5.8	ng	483984	4	11.21	1670370	20.0
Nonadecane	11.51	6.1	ng	505962	4	11.21	1670370	20.0
Hexadecanoic acid...	11.62	53.6	ng	4473060	4	11.21	1670370	20.0
n-Hexadecanoic acid	11.76	16.9	ng	1412980	4	11.21	1670370	20.0
4H-Cyclopenta[def...	11.82	7.7	ng	646243	4	11.21	1670370	20.0
Pentadecane	11.92	6.9	ng	573323	4	11.21	1670370	20.0
10,13-Octadecadie...	12.30	124.6	ng	10404900	4	11.21	1670370	20.0
9-Octadecenoic ac...	12.33	117.9	ng	9846010	4	11.21	1670370	20.0
Octadecanoic acid	12.54	10.8	ng	1342330	5	13.84	2480510	20.0
11H-Benzo[b]fluorene	13.04	7.6	ng	941125	5	13.84	2480510	20.0
Eicosane, 10-methyl-	14.60	5.5	ng	379751	6	15.24	1382780	20.0
N,N-Dimethyloctyl...	14.71	7.8	ng	543021	6	15.24	1382780	20.0
Benzo[e]pyrene	15.13	8.8	ng	606432	6	15.24	1382780	20.0
2-Bromo dodecane	15.66	6.4	ng	443158	6	15.24	1382780	20.0
Heptacosane	16.12	5.5	ng	379895	6	15.24	1382780	20.0