

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112566.D
 Acq On : 14 Feb 2019 14:31
 Operator : JU/SJ
 Sample : K1349-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-021319-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-BF012519.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	5.463	571	574	588	rBV	611972	752634	49.74%	2.245%
2	6.475	743	746	761	rBV	611773	850763	56.22%	2.537%
3	6.604	765	768	774	rVV	964032	894292	59.10%	2.667%
4	6.828	803	806	813	rVV	594905	509293	33.66%	1.519%
5	6.987	828	833	836	rBV	750251	697196	46.08%	2.079%
6	7.392	899	902	905	rVV	526248	490847	32.44%	1.464%
7	7.422	905	907	911	rVV	191954	163909	10.83%	0.489%
8	7.851	977	980	986	rVB4	101661	141180	9.33%	0.421%
9	8.092	1018	1021	1022	rBV	280804	255197	16.87%	0.761%
10	8.110	1022	1024	1026	rVV	716623	609484	40.28%	1.818%
11	8.134	1026	1028	1031	rVV	475223	387037	25.58%	1.154%
12	8.169	1031	1034	1036	rVB2	116002	106941	7.07%	0.319%
13	8.398	1068	1073	1080	rBV5	97329	134880	8.91%	0.402%
14	8.486	1085	1088	1092	rBV4	74990	97686	6.46%	0.291%
15	8.528	1092	1095	1097	rBV	159391	123347	8.15%	0.368%
16	8.616	1106	1110	1112	rBV	135297	130437	8.62%	0.389%
17	8.698	1121	1124	1128	rBV	509019	402127	26.58%	1.199%
18	8.828	1143	1146	1149	rBV	571402	472189	31.21%	1.408%
19	8.928	1158	1163	1166	rBV2	493499	537860	35.55%	1.604%
20	9.057	1182	1185	1190	rBV5	102720	133565	8.83%	0.398%
21	9.128	1195	1197	1199	rVV	200157	155154	10.25%	0.463%
22	9.181	1203	1206	1211	rVB	997250	918846	60.72%	2.741%
23	9.263	1216	1220	1223	rBV	601319	506383	33.47%	1.510%
24	9.286	1223	1224	1230	rVV3	86499	129091	8.53%	0.385%
25	9.333	1230	1232	1235	rVB2	83456	71408	4.72%	0.213%
26	9.380	1238	1240	1246	rVB	132988	158561	10.48%	0.473%
27	9.457	1248	1253	1256	rBV	293320	395853	26.16%	1.181%
28	9.528	1261	1265	1267	rVV	412000	485208	32.07%	1.447%
29	9.551	1267	1269	1271	rVV	274578	252537	16.69%	0.753%
30	9.580	1271	1274	1277	rVV3	258153	331785	21.93%	0.990%
31	9.645	1281	1285	1290	rBV2	240611	272847	18.03%	0.814%
32	9.728	1296	1299	1303	rBV	235773	221537	14.64%	0.661%
33	9.792	1307	1310	1313	rVB	490903	376870	24.91%	1.124%
34	9.845	1314	1319	1320	rBV2	131766	131176	8.67%	0.391%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.869	1320	1323	1326	rVV	775240	682435	45.10%	2.035%
36	9.898	1326	1328	1332	rVB2	236540	211206	13.96%	0.630%
37	9.969	1337	1340	1345	rBV2	141803	191268	12.64%	0.570%
38	10.022	1345	1349	1351	rBV4	79312	111762	7.39%	0.333%
39	10.075	1352	1358	1361	rVB4	220975	305277	20.17%	0.911%
40	10.110	1361	1364	1368	rBV2	260613	233196	15.41%	0.696%
41	10.180	1373	1376	1379	rBV	165683	190575	12.59%	0.568%
42	10.216	1379	1382	1388	rVB3	132282	161309	10.66%	0.481%
43	10.292	1388	1395	1398	rBV2	487936	561284	37.09%	1.674%
44	10.416	1413	1416	1423	rVB	340688	347598	22.97%	1.037%
45	10.510	1428	1432	1434	rVV2	150636	207764	13.73%	0.620%
46	10.563	1438	1441	1445	rBV5	74626	116401	7.69%	0.347%
47	10.663	1455	1458	1467	rVB	676574	701099	46.33%	2.091%
48	10.763	1472	1475	1476	rBV	398438	319201	21.10%	0.952%
49	10.963	1504	1509	1512	rVV3	123917	195992	12.95%	0.585%
50	10.992	1512	1514	1517	rVB3	127885	111013	7.34%	0.331%
51	11.045	1521	1523	1526	rVB	93703	82729	5.47%	0.247%
52	11.098	1526	1532	1534	rBV5	53895	113562	7.50%	0.339%
53	11.210	1548	1551	1554	rBV	325664	268599	17.75%	0.801%
54	11.251	1554	1558	1563	rVB2	182026	304449	20.12%	0.908%
55	11.357	1572	1576	1578	rBV	843810	749314	49.52%	2.235%
56	11.380	1578	1580	1584	rVV	1337693	1209663	79.94%	3.608%
57	11.433	1586	1589	1592	rVV	326609	299829	19.81%	0.894%
58	11.474	1592	1596	1601	rVV5	68337	140733	9.30%	0.420%
59	11.592	1613	1616	1621	rVV2	137820	172667	11.41%	0.515%
60	11.639	1621	1624	1627	rVV2	223110	219268	14.49%	0.654%
61	11.692	1629	1633	1638	rVB	113811	141313	9.34%	0.421%
62	11.733	1638	1640	1643	rVB	104954	84213	5.57%	0.251%
63	11.774	1643	1647	1650	rBV	68753	82503	5.45%	0.246%
64	11.857	1658	1661	1663	rBV	287044	306315	20.24%	0.914%
65	11.892	1664	1667	1671	rVV	386065	414146	27.37%	1.235%
66	11.939	1671	1675	1677	rVV	130917	132791	8.78%	0.396%
67	11.974	1677	1681	1683	rVV2	437760	505854	33.43%	1.509%
68	11.992	1683	1684	1690	rVB	212634	188171	12.44%	0.561%
69	12.045	1690	1693	1696	rBV	187737	176447	11.66%	0.526%
70	12.151	1708	1711	1714	rVV	158852	139391	9.21%	0.416%
71	12.333	1739	1742	1745	rVV2	95547	89813	5.94%	0.268%

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72	12.421	1749	1757	1759	rBV2	501091	821055	54.26%	2.449%
73	12.439	1759	1760	1764	rVV2	320205	313216	20.70%	0.934%
74	12.510	1767	1772	1774	rBV3	83736	148228	9.80%	0.442%
75	12.574	1779	1783	1787	rBV	1286299	1257828	83.13%	3.752%
76	12.669	1796	1799	1806	rVB2	93655	134152	8.87%	0.400%
77	12.727	1806	1809	1811	rBV	114307	98585	6.52%	0.294%
78	12.804	1816	1822	1828	rBV	1297304	1513154	100.00%	4.513%
79	12.857	1828	1831	1834	rBV	99567	100451	6.64%	0.300%
80	12.939	1841	1845	1848	rVB	975382	910326	60.16%	2.715%
81	13.027	1855	1860	1864	rBV3	129702	234095	15.47%	0.698%
82	13.133	1871	1878	1880	rBV	299640	396201	26.18%	1.182%
83	13.198	1886	1889	1892	rVB	228866	192483	12.72%	0.574%
84	13.239	1893	1896	1900	rVV2	173288	179818	11.88%	0.536%
85	13.333	1909	1912	1914	rBV	128961	109082	7.21%	0.325%
86	13.363	1914	1917	1921	rVV	137285	150710	9.96%	0.450%
87	13.504	1938	1941	1944	rBV3	72707	79735	5.27%	0.238%
88	13.651	1964	1966	1969	rVB	82240	71193	4.70%	0.212%
89	13.827	1991	1996	2000	rBV3	203524	288151	19.04%	0.859%
90	14.004	2022	2026	2029	rBV2	924312	1284638	84.90%	3.831%
91	14.033	2029	2031	2034	rVB	506299	404034	26.70%	1.205%
92	14.145	2048	2050	2052	rBV	126418	102309	6.76%	0.305%
93	14.451	2100	2102	2104	rBV	149237	103013	6.81%	0.307%
94	14.757	2151	2154	2157	rVB	190045	187306	12.38%	0.559%
95	15.057	2202	2205	2207	rBV	294714	343125	22.68%	1.023%
96	15.362	2255	2257	2261	rVB	176700	180904	11.96%	0.540%
97	15.427	2265	2268	2271	rVV	259028	319299	21.10%	0.952%
98	15.462	2271	2274	2276	rVV	218348	277951	18.37%	0.829%
99	15.486	2276	2278	2282	rVB	341911	365525	24.16%	1.090%
100	15.892	2344	2347	2352	rVB	156556	194524	12.86%	0.580%

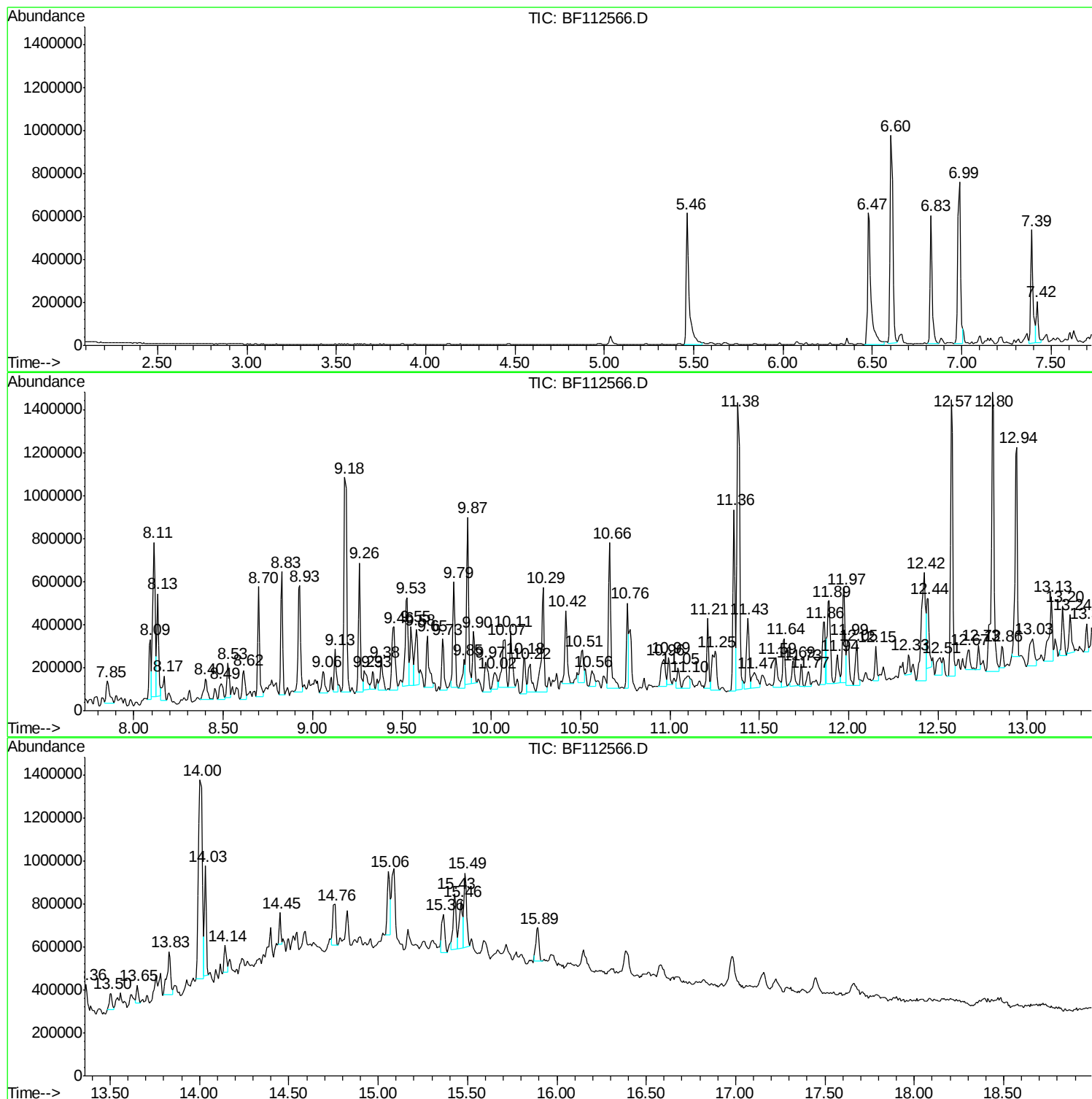
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OR-01-021319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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Instrument :
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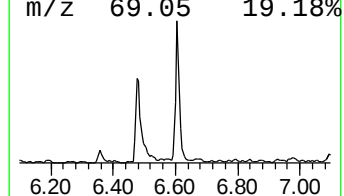
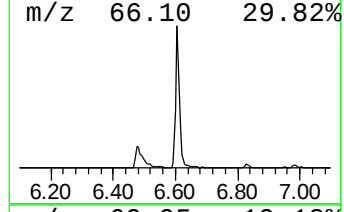
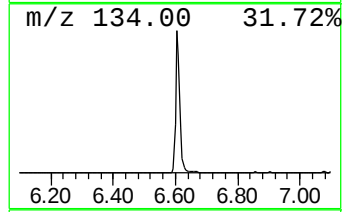
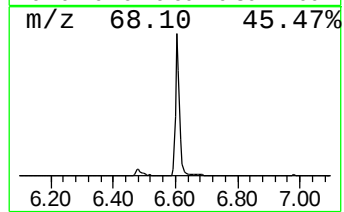
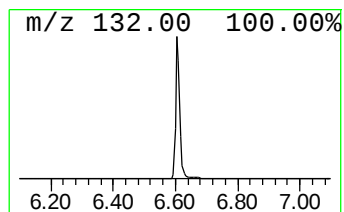
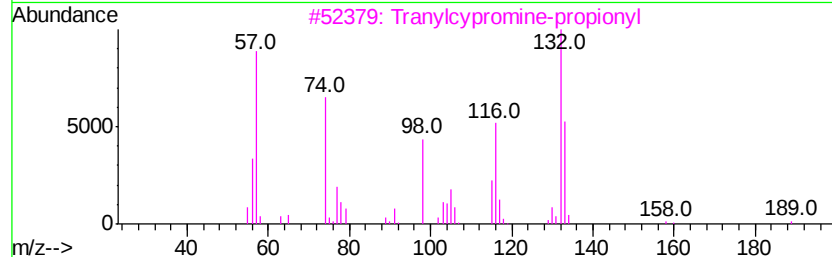
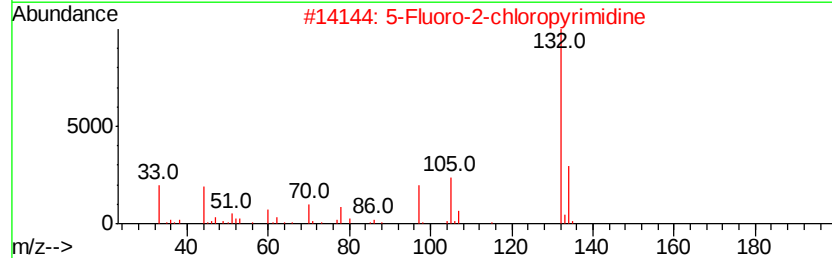
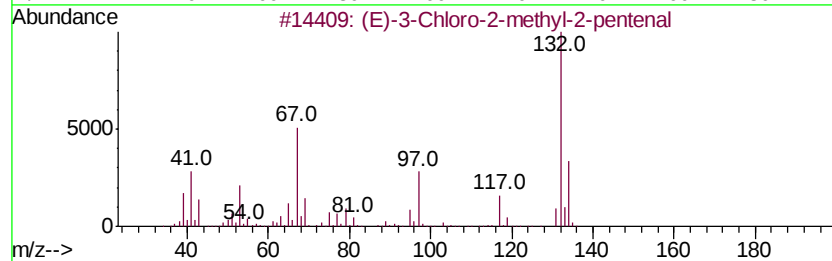
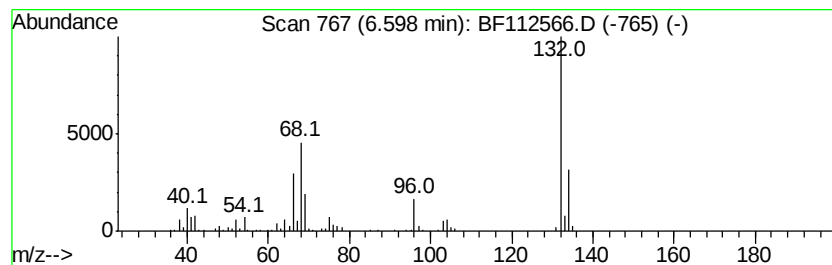
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	35.12 ng	894292	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9	



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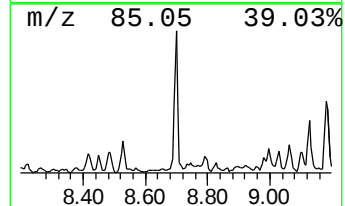
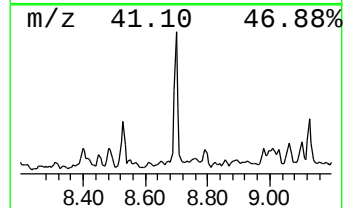
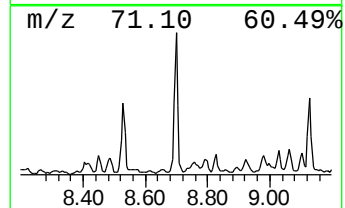
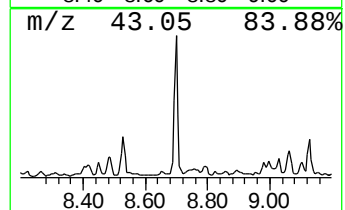
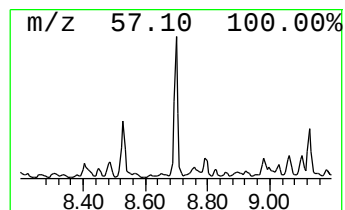
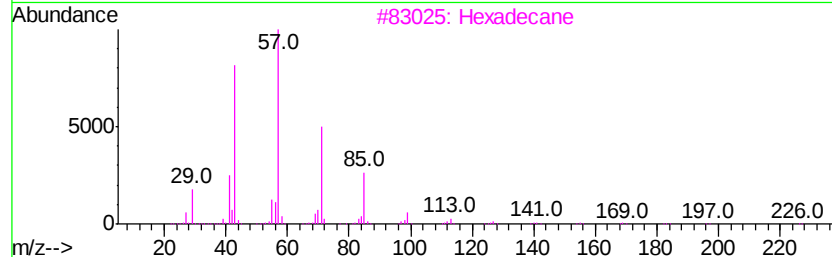
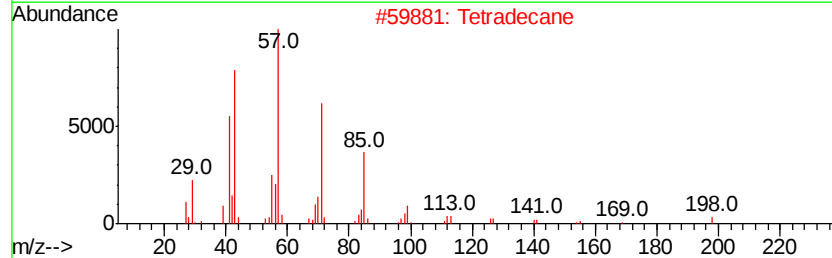
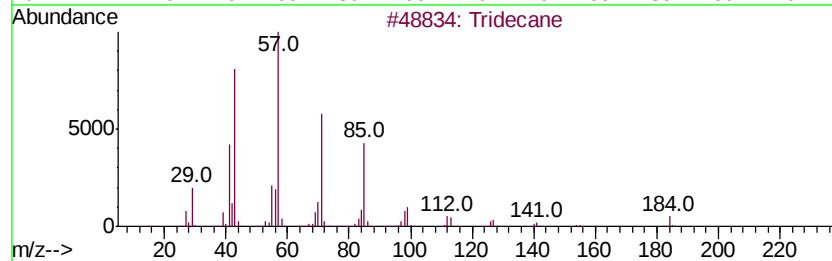
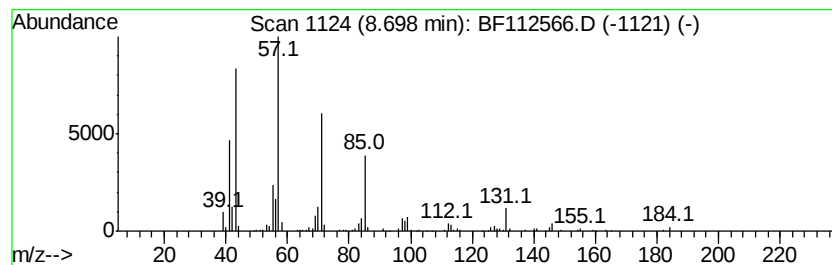
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	13.20 ng	402127	Naphthalene-d8	8.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Tetradecane	198 C14H30	000629-59-4	74
3	Hexadecane	226 C16H34	000544-76-3	72
4	Heptadecane	240 C17H36	000629-78-7	64
5	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	64



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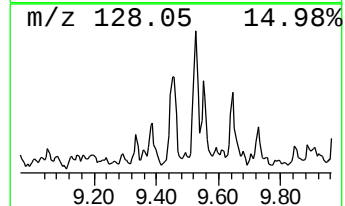
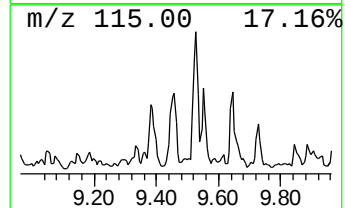
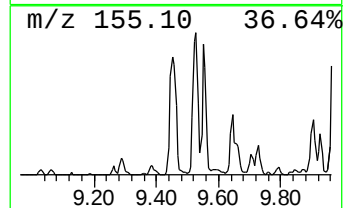
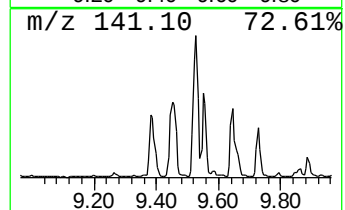
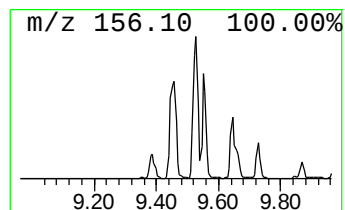
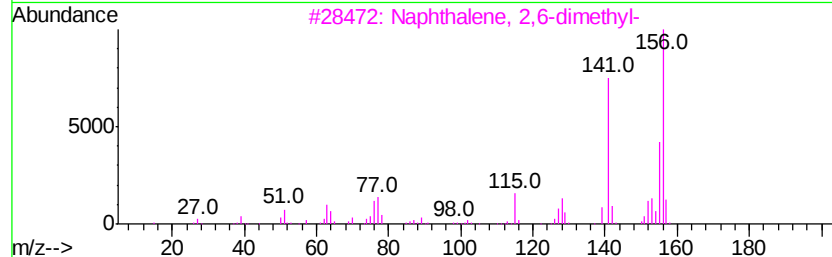
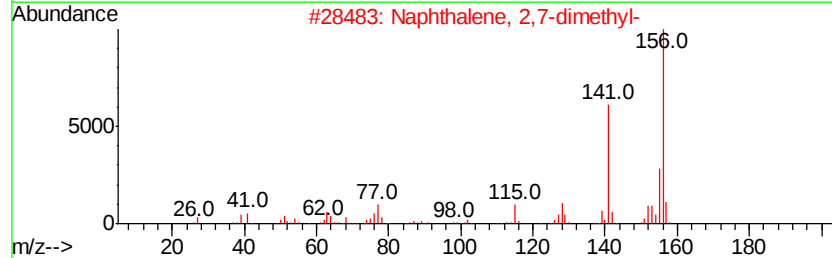
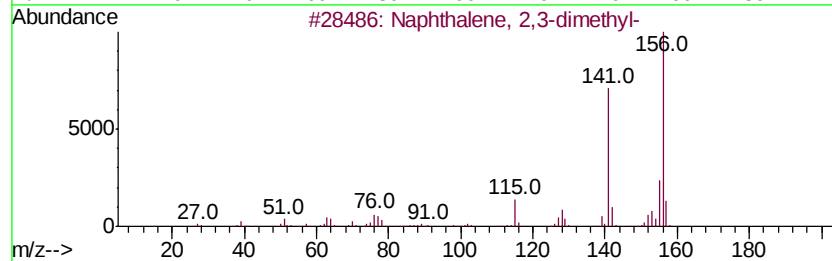
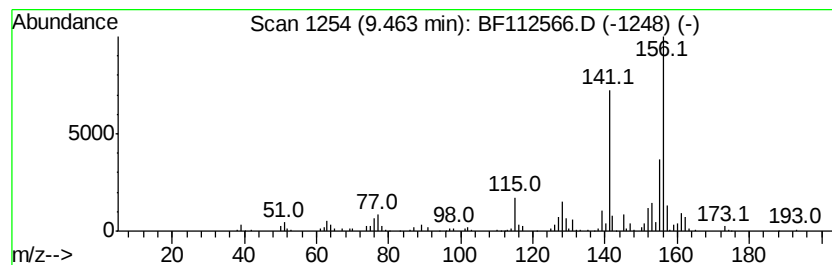
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	11.60 ng	395853	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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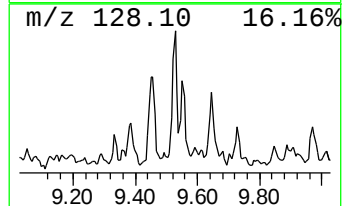
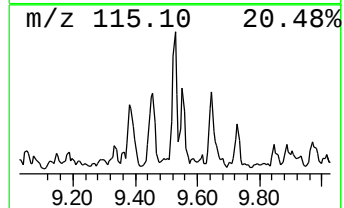
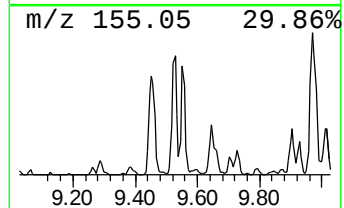
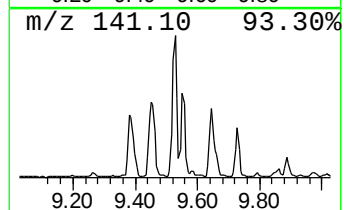
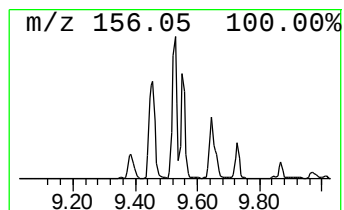
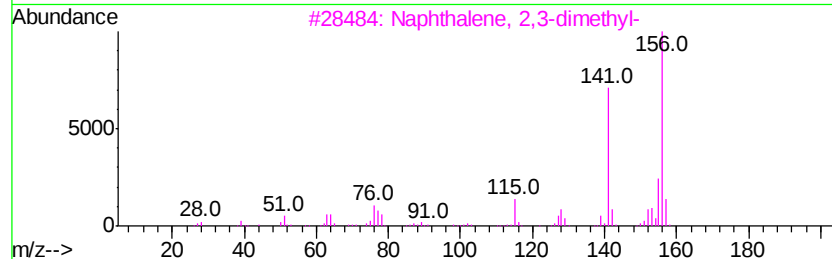
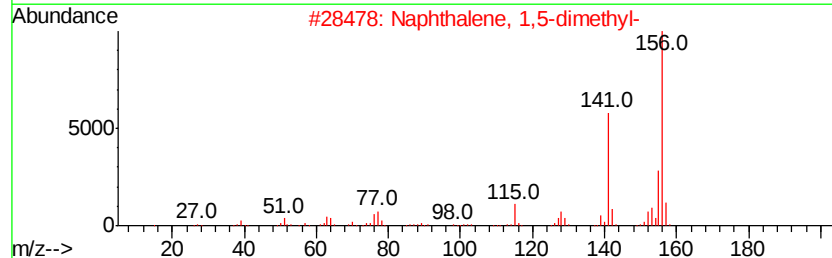
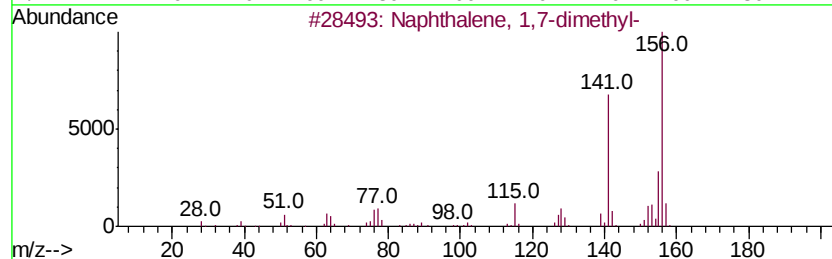
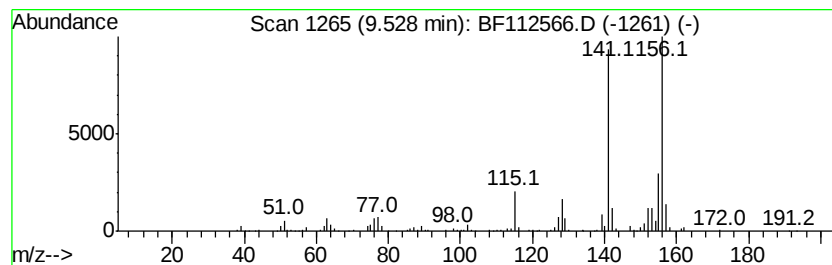
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	14.22 ng	485208	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

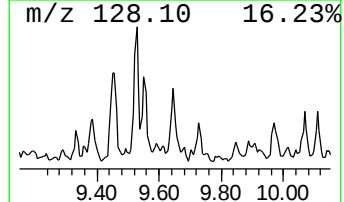
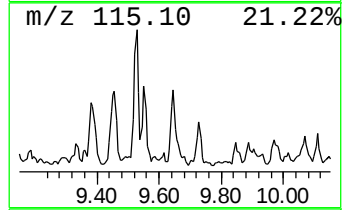
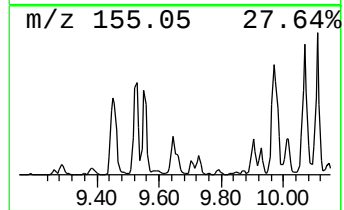
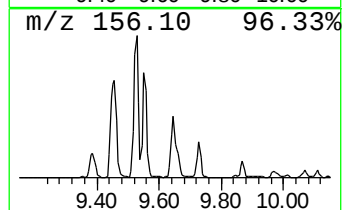
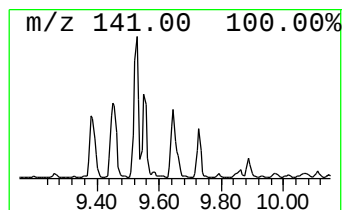
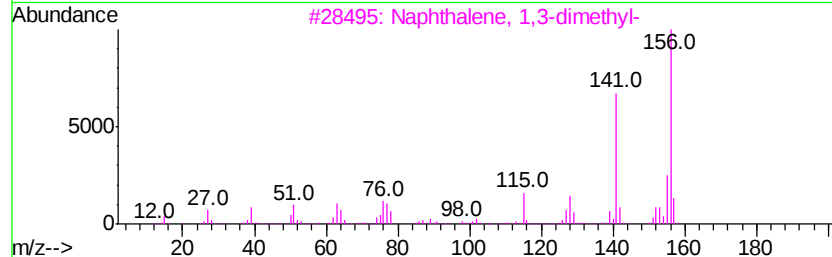
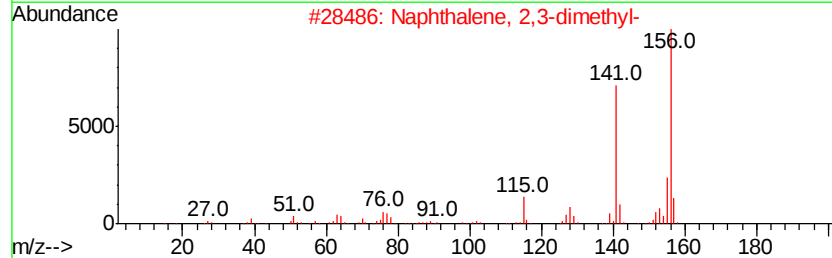
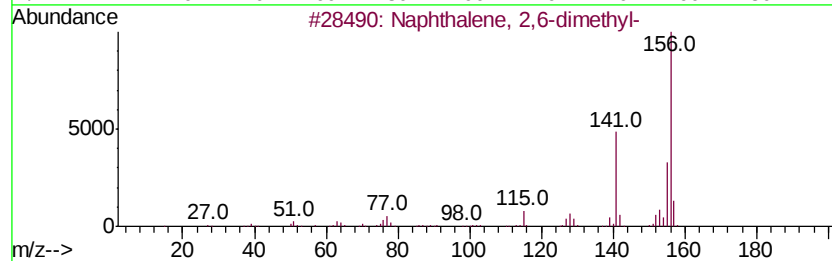
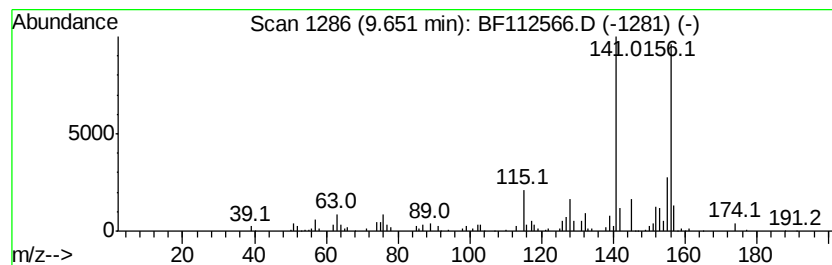
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	8.00 ng	272847	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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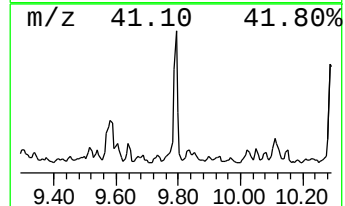
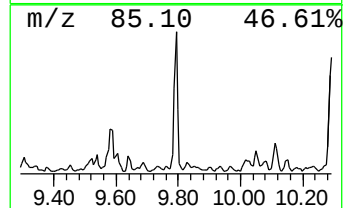
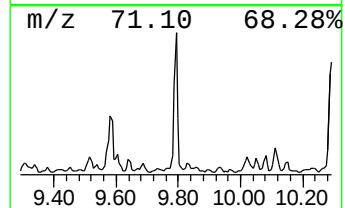
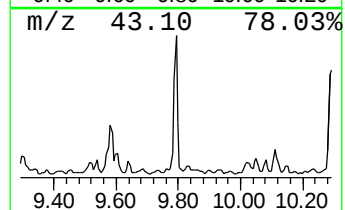
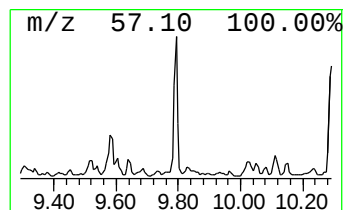
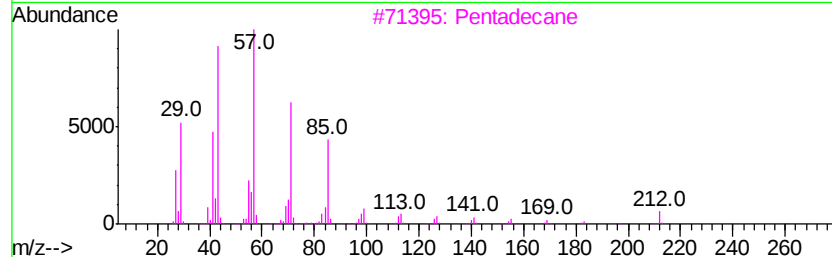
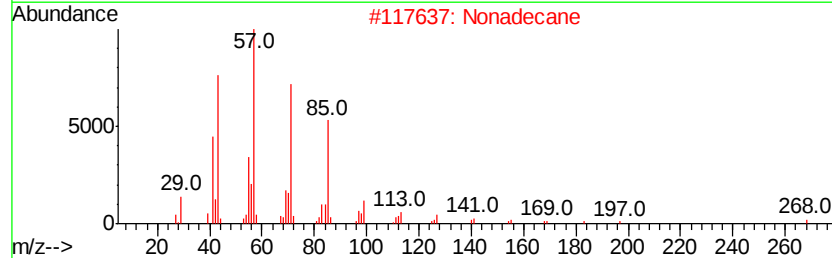
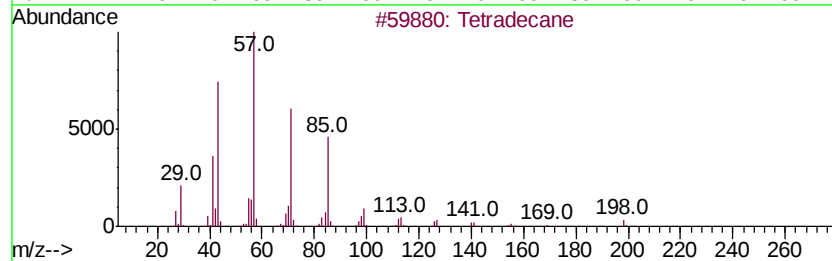
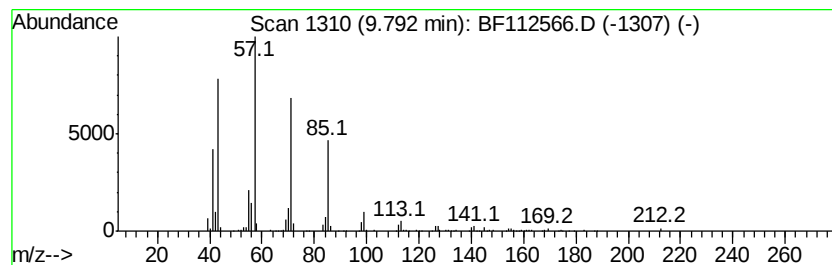
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	11.04 ng	376870	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
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Misc :
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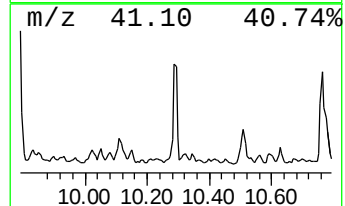
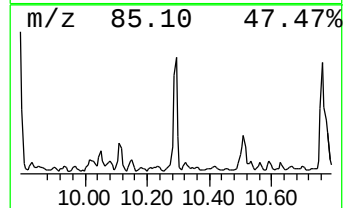
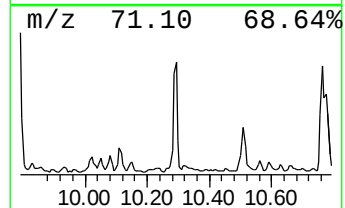
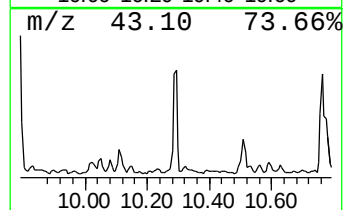
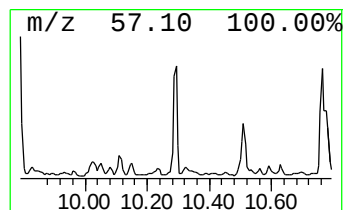
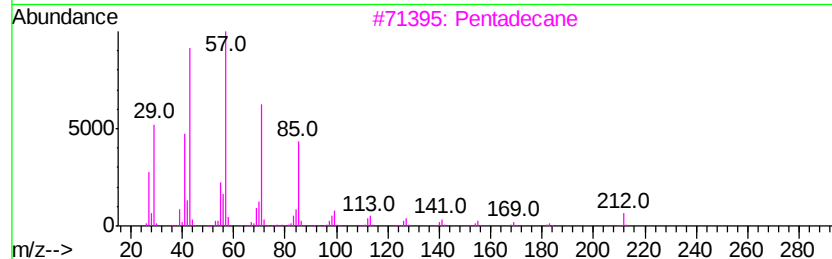
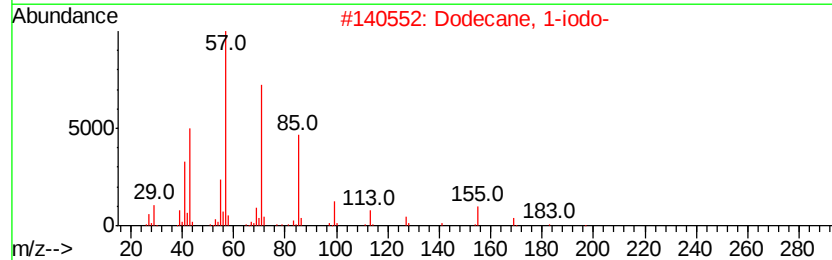
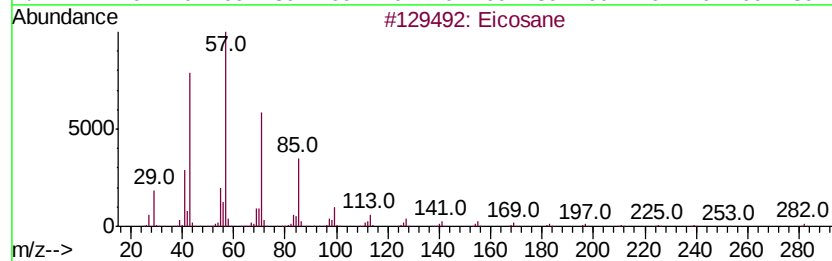
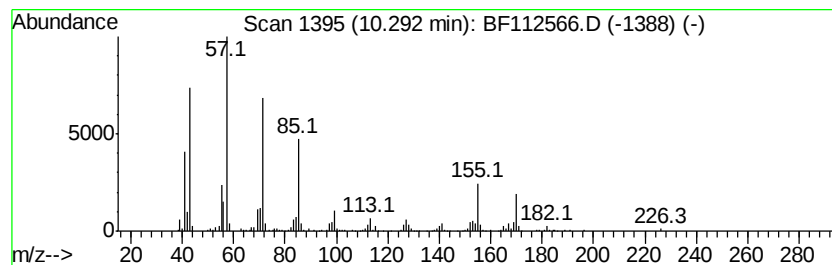
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	16.45 ng	561284	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	64
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	64
3	Pentadecane	212 C15H32	000629-62-9	62
4	Tetracosane	338 C24H50	000646-31-1	62
5	Heptadecane	240 C17H36	000629-78-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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Sample : K1349-07 2X
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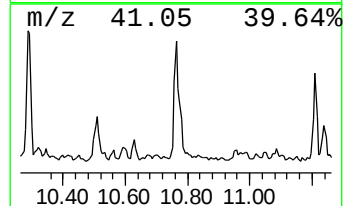
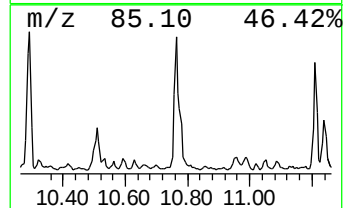
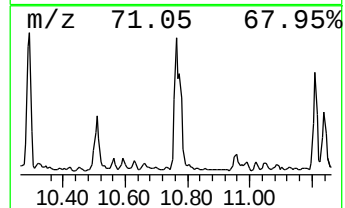
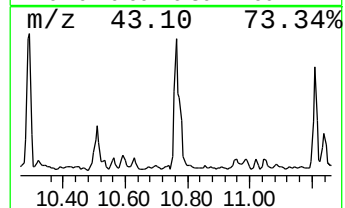
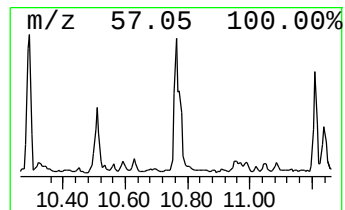
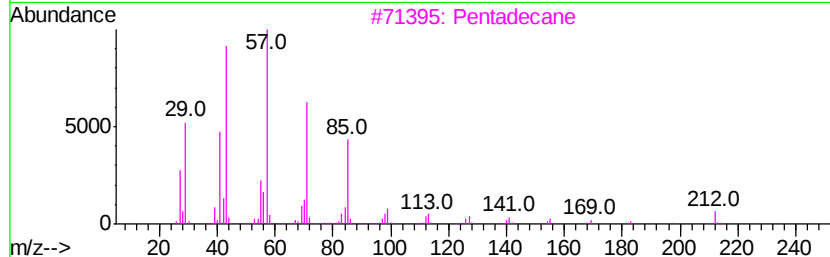
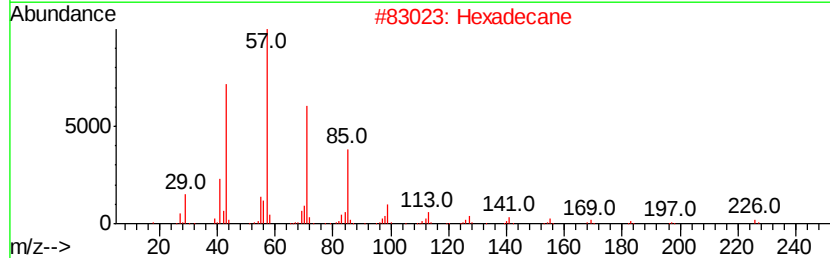
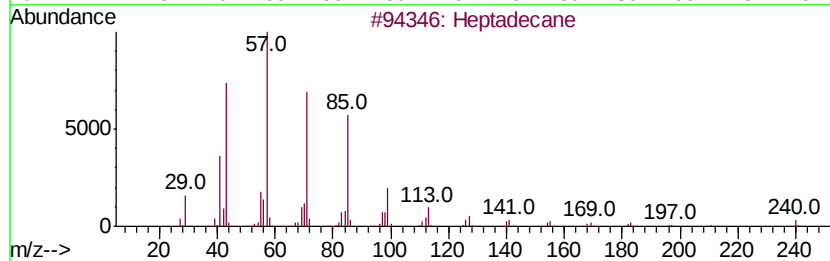
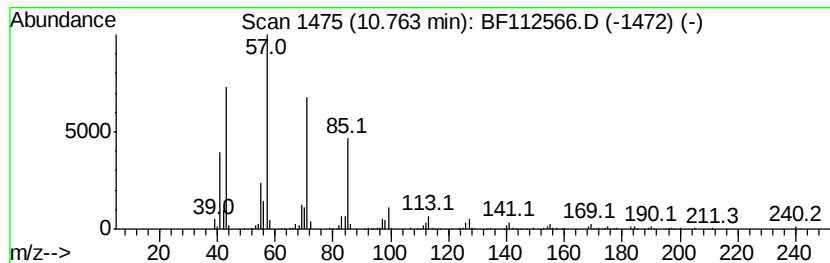
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.76	8.52 ng	319201	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Tetradecane	198	C14H30	000629-59-4	91



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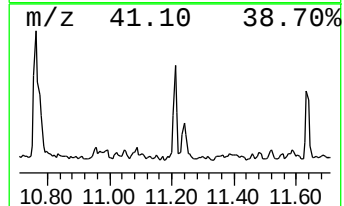
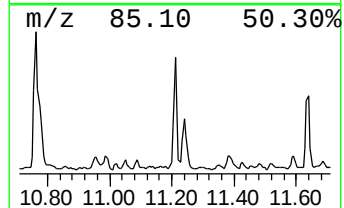
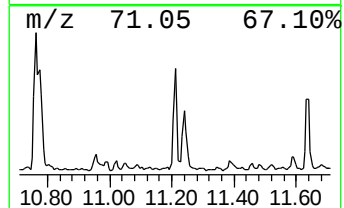
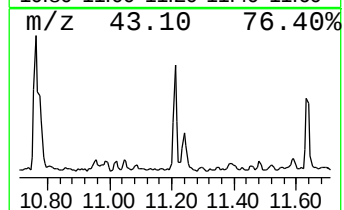
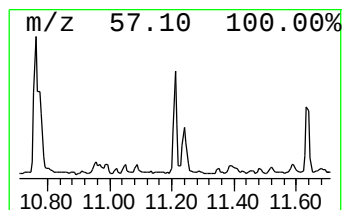
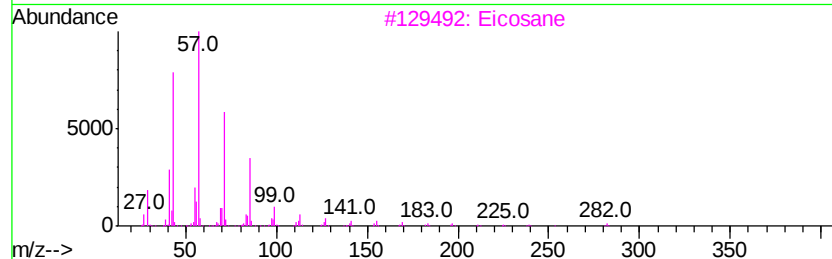
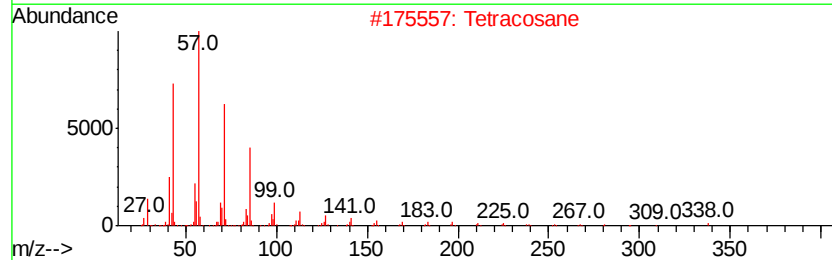
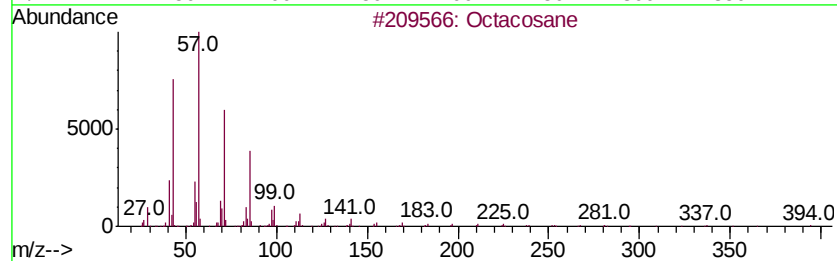
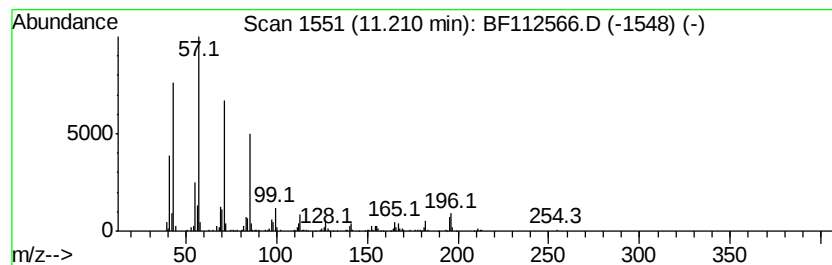
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	7.17 ng	268599	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Tetracosane	338	C24H50	000646-31-1	76
3		Eicosane	282	C20H42	000112-95-8	68
4		Tetradecane	198	C14H30	000629-59-4	68
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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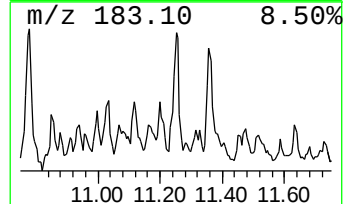
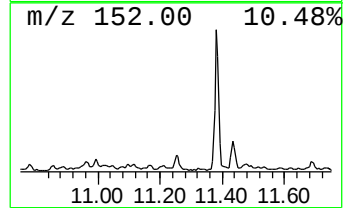
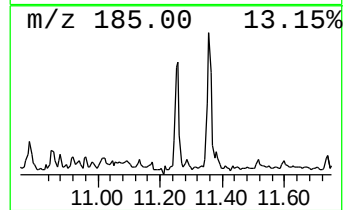
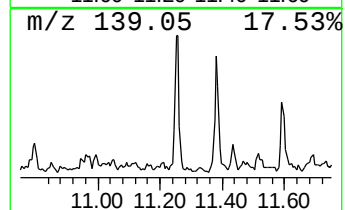
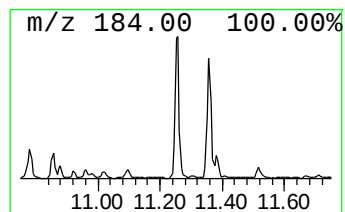
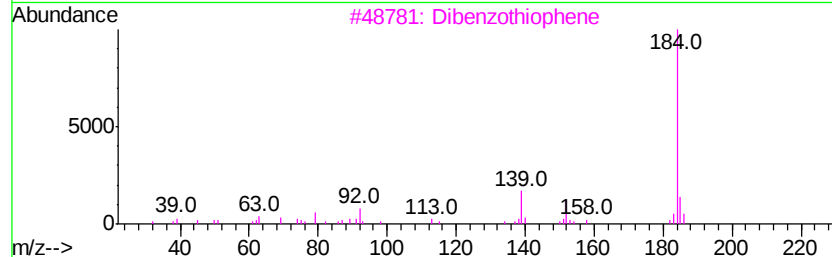
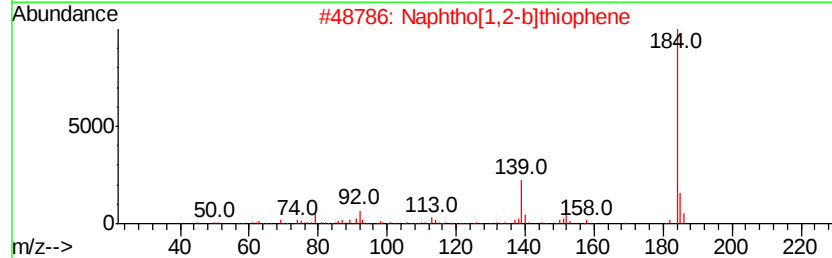
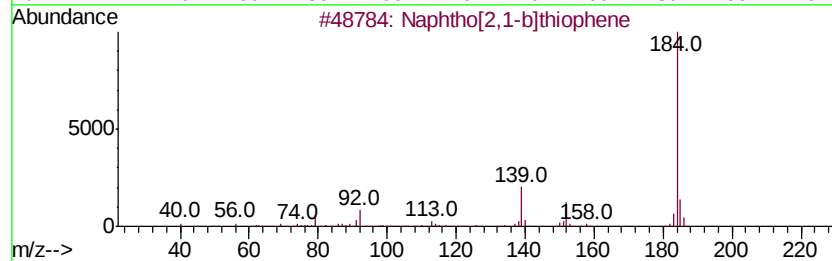
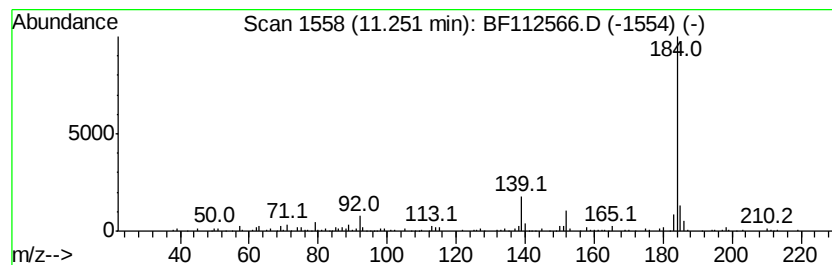
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ClientSampleId :
OR-01-021319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.25	8.13 ng	304449	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

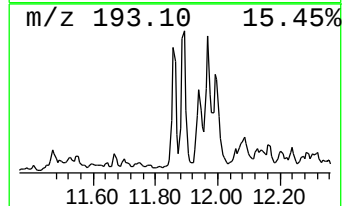
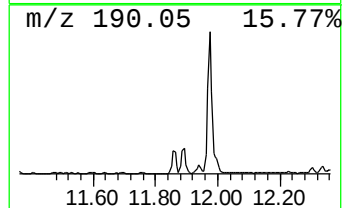
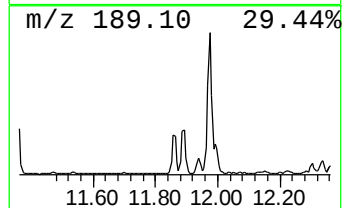
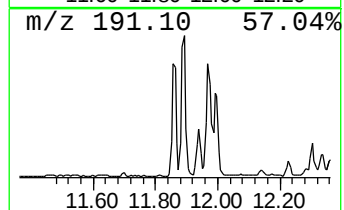
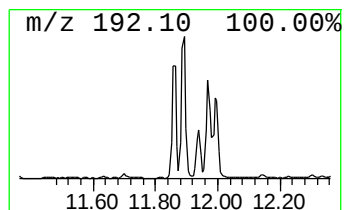
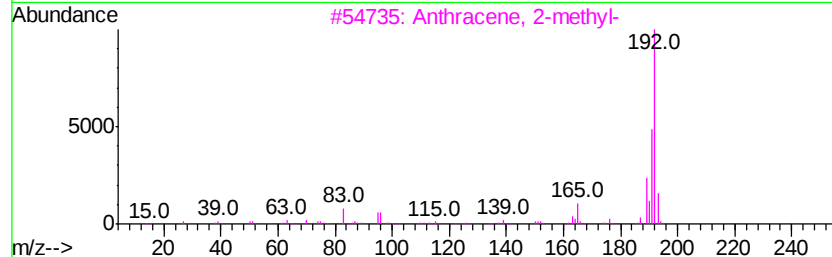
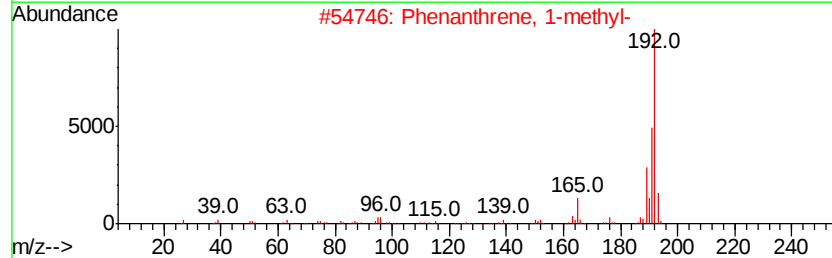
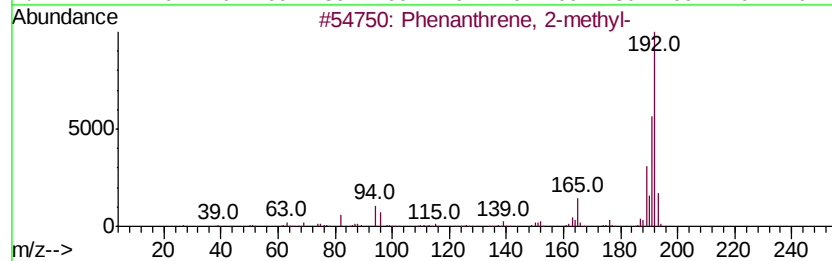
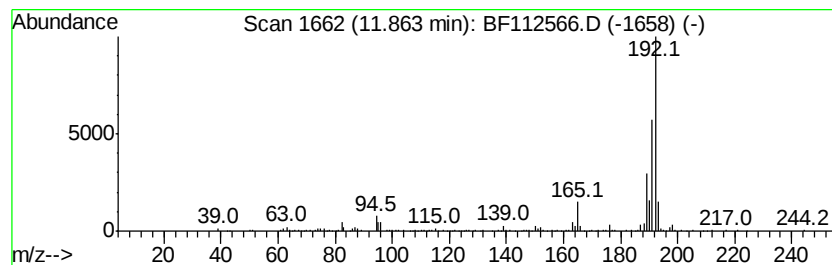
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ClientSampleId :
OR-01-021319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	8.18 ng	306315	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
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ALS Vial : 8 Sample Multiplier: 1

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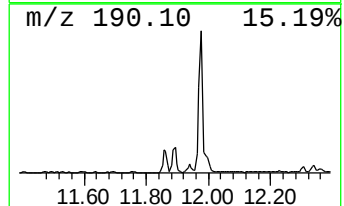
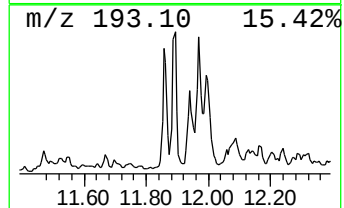
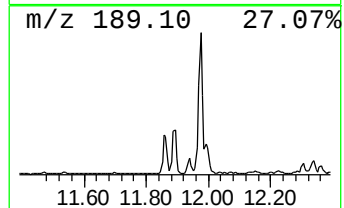
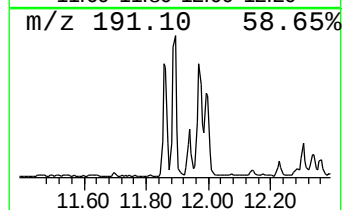
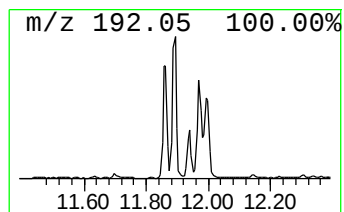
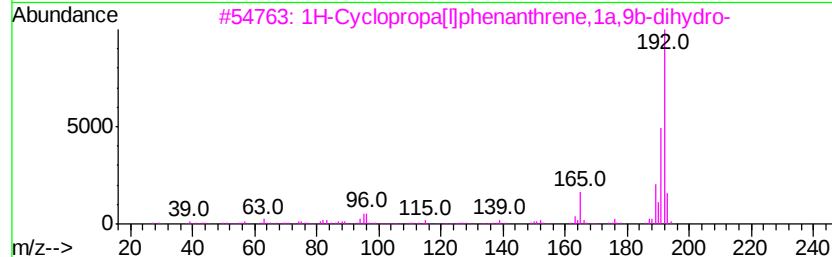
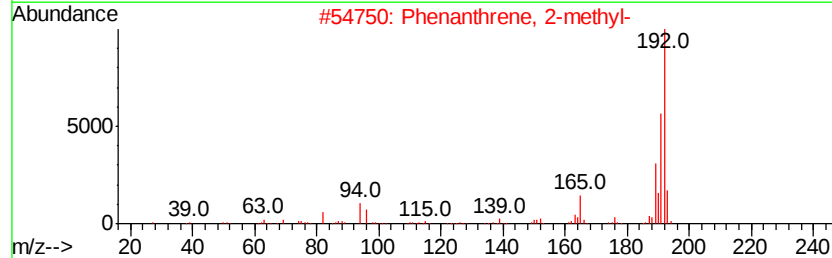
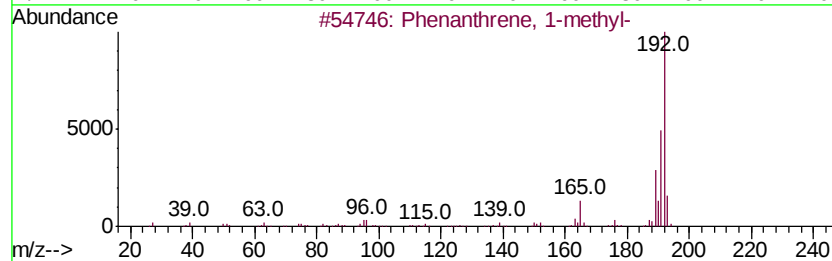
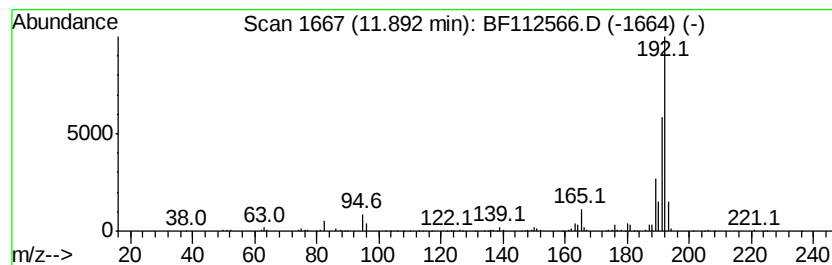
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.05 ng	414146	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

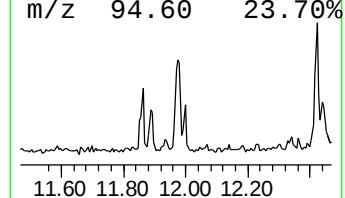
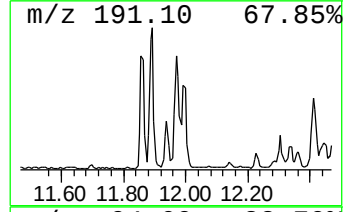
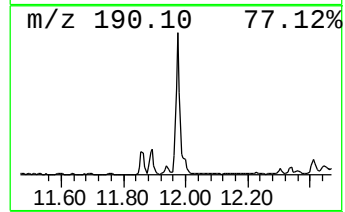
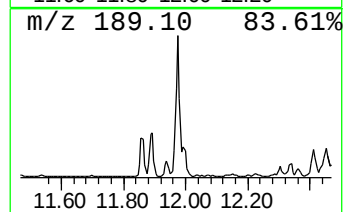
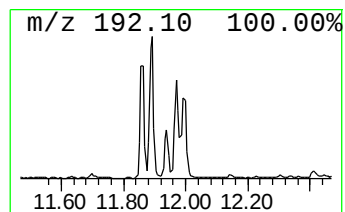
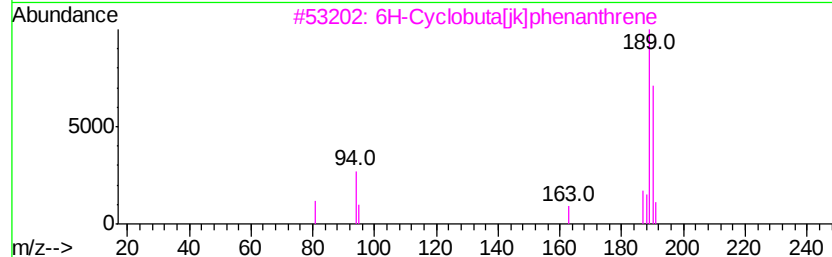
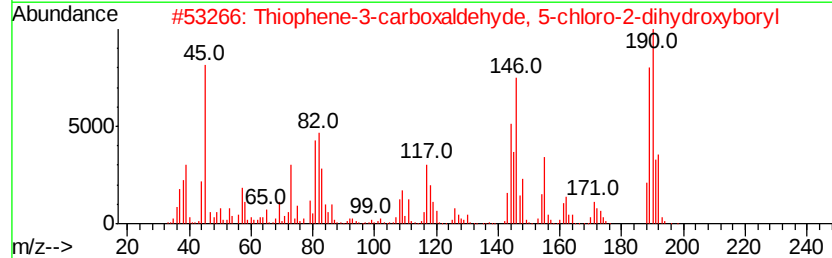
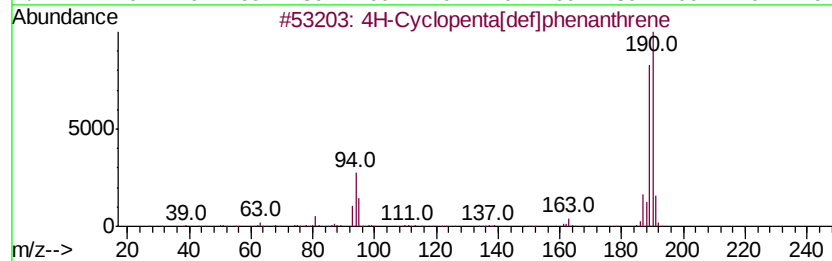
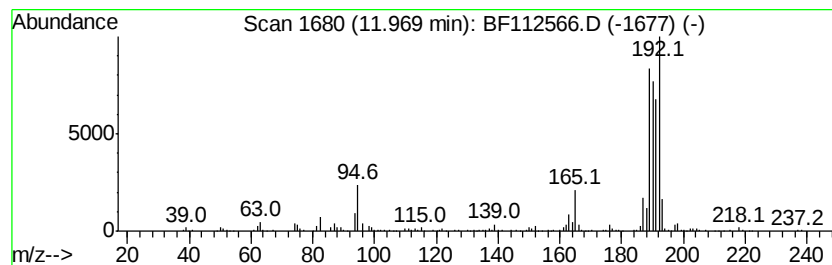
Instrument :
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ClientSampleId :
OR-01-021319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	13.50 ng	505854	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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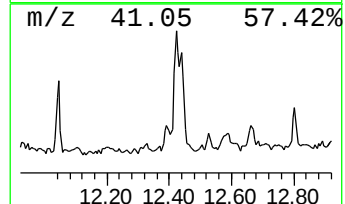
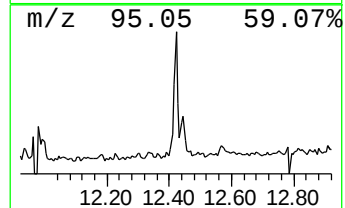
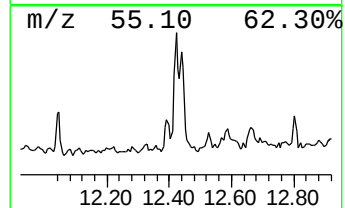
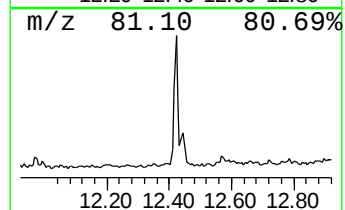
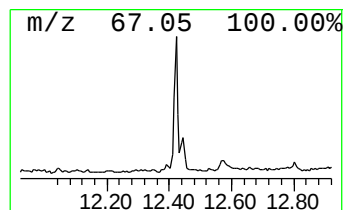
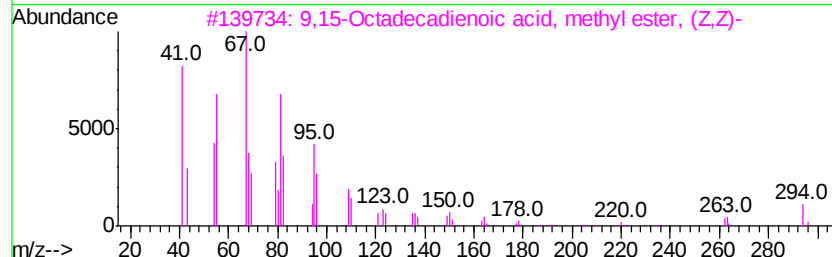
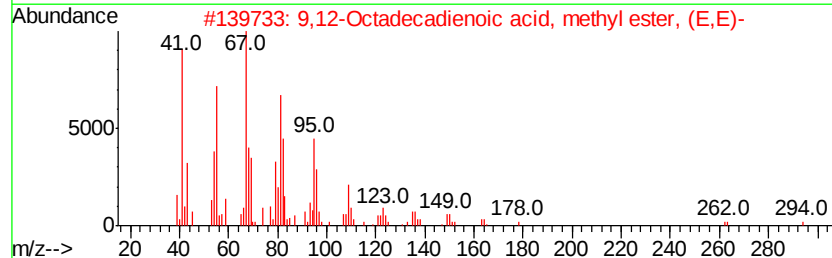
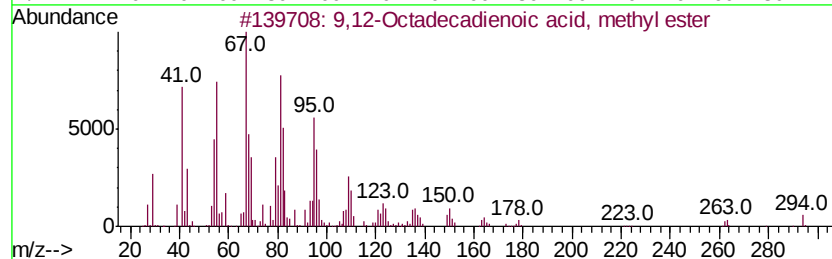
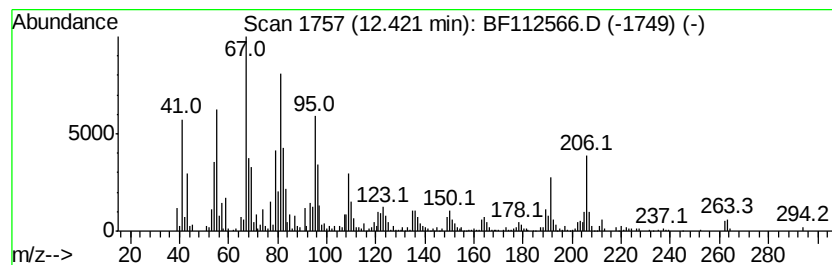
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	21.91 ng	821055	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	96
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112566.D
 Acq On : 14 Feb 2019 14:31
 Operator : JU/SJ
 Sample : K1349-07 2X
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 ALS Vial : 8 Sample Multiplier: 1

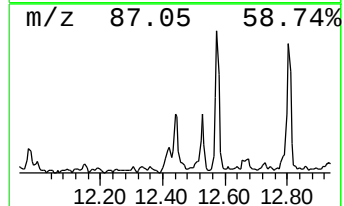
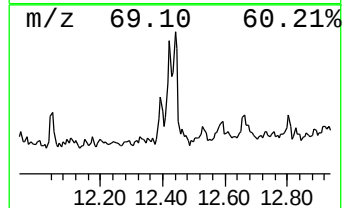
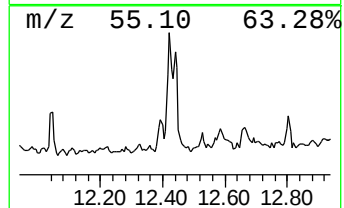
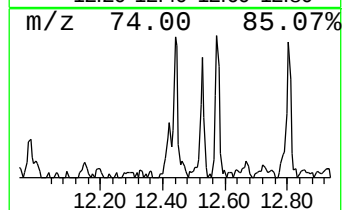
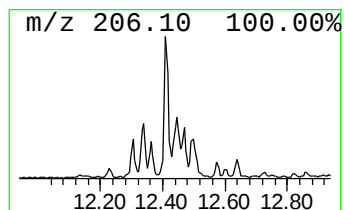
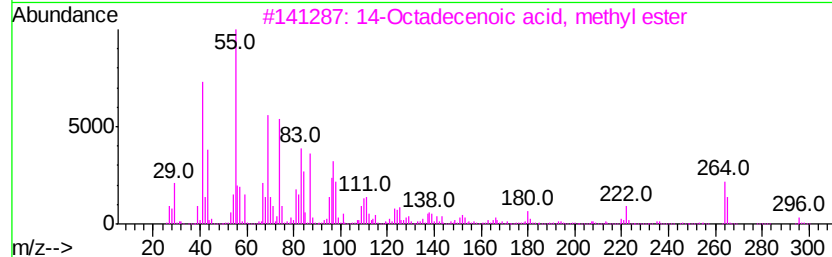
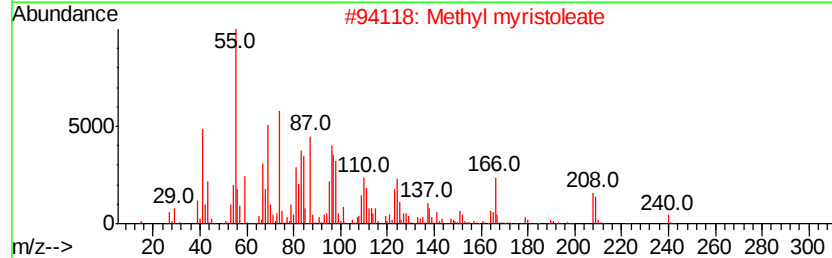
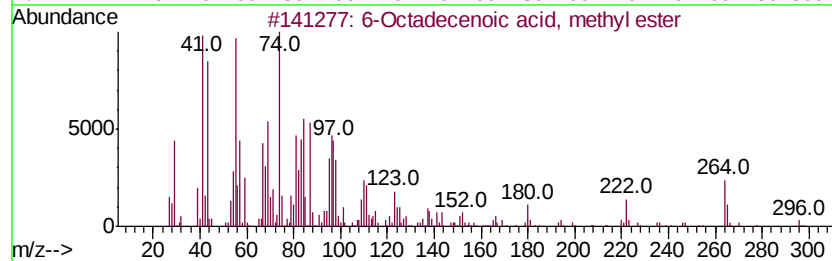
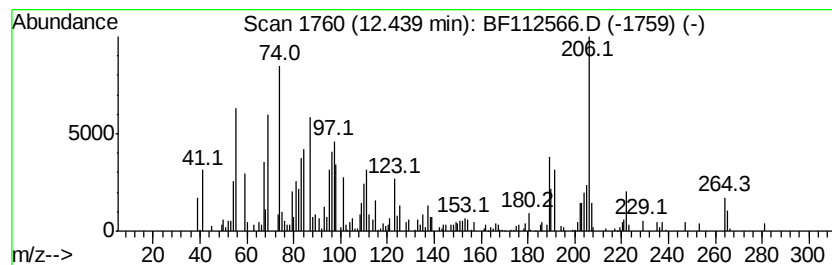
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 17 6-Octadecenoic acid, methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.44	8.36 ng	313216	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	64
2	Methyl myristoleate	240	C15H28O2	056219-06-8	60
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	53
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	53
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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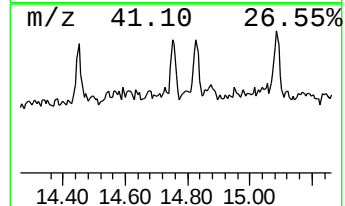
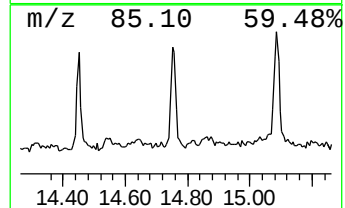
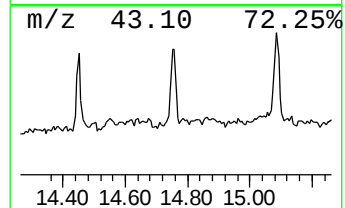
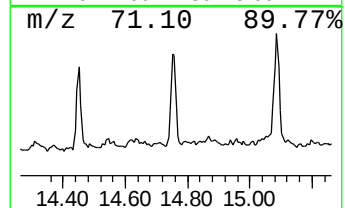
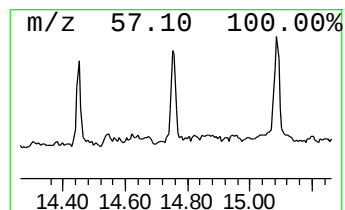
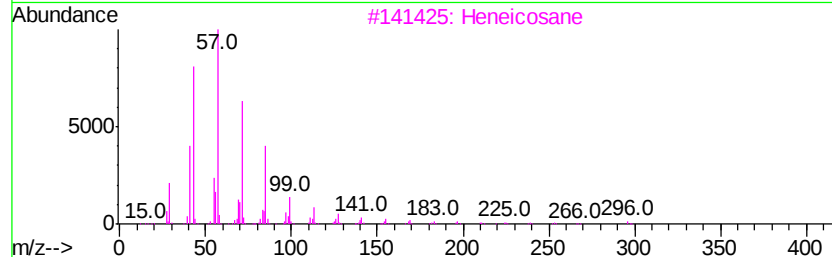
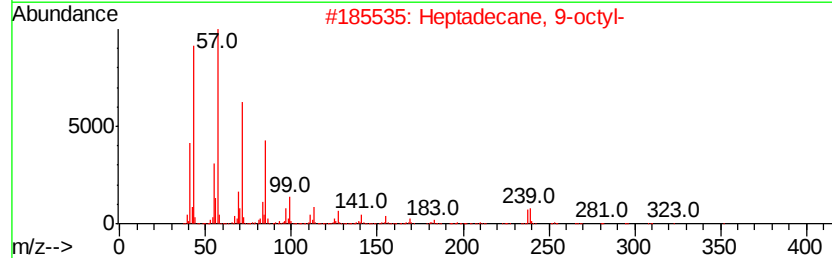
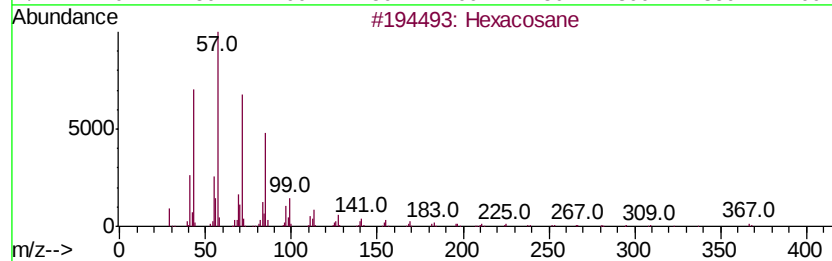
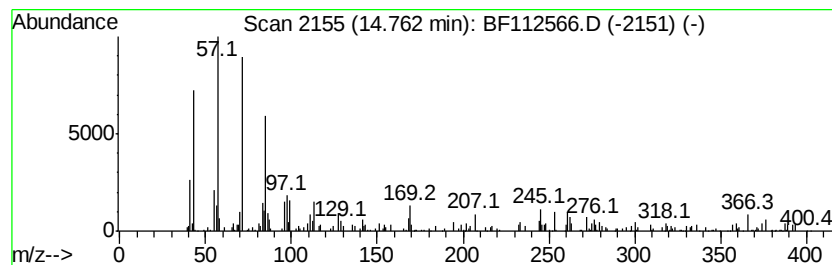
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.76	10.25 ng	187306	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112566.D
Acq On : 14 Feb 2019 14:31
Operator : JU/SJ
Sample : K1349-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
OR-01-021319-B

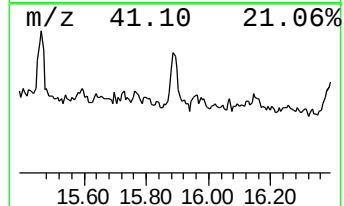
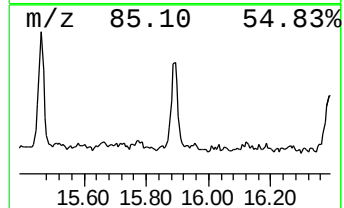
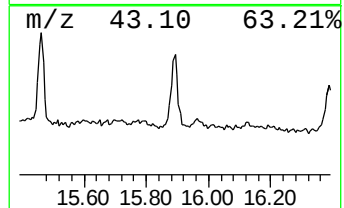
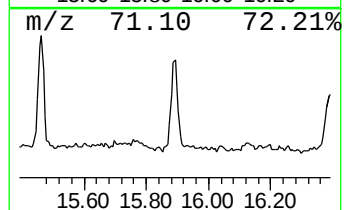
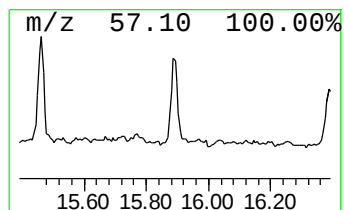
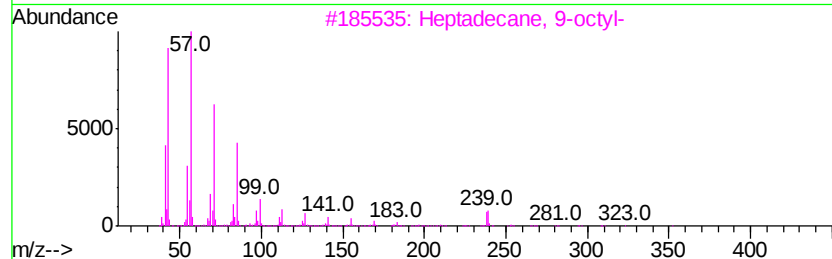
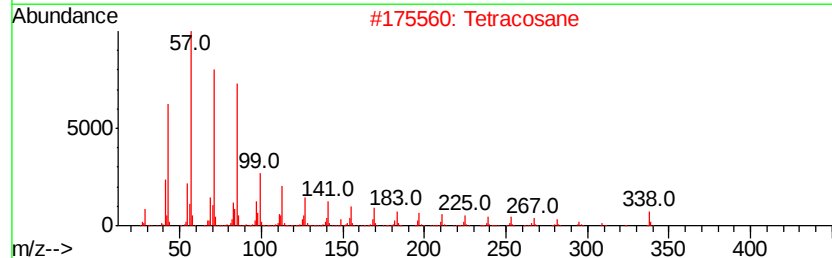
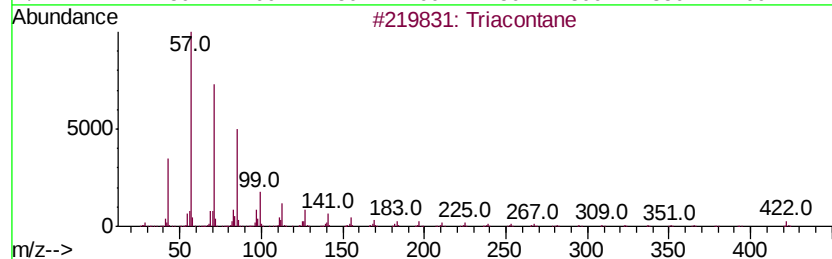
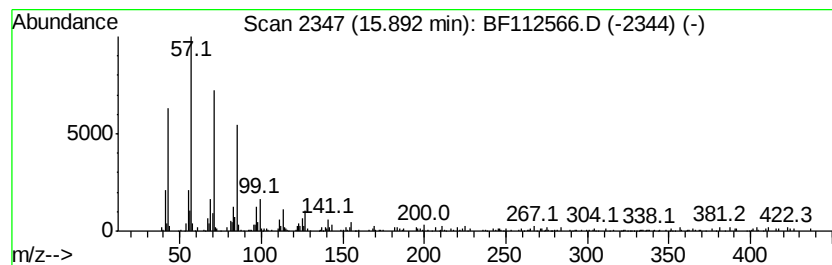
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	10.64 ng	194524	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	93
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Hexacosane	366	C26H54	000630-01-3	81
5		Tricosane	324	C23H48	000638-67-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021419\
 Data File : BF112566.D
 Acq On : 14 Feb 2019 14:31
 Operator : JU/SJ
 Sample : K1349-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-021319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.60	6.60	35.1	ng	894292	1	6.83	509293	20.0
Tridecane	8.70	13.2	ng	402127	2	8.11	609484	20.0
Naphthalene, 2,3-...	9.46	11.6	ng	395853	3	9.87	682435	20.0
Naphthalene, 1,7-...	9.53	14.2	ng	485208	3	9.87	682435	20.0
Naphthalene, 2,6-...	9.65	8.0	ng	272847	3	9.87	682435	20.0
Tetradecane	9.79	11.0	ng	376870	3	9.87	682435	20.0
Eicosane	10.29	16.4	ng	561284	3	9.87	682435	20.0
Heptadecane	10.76	8.5	ng	319201	4	11.36	749314	20.0
Octacosane	11.21	7.2	ng	268599	4	11.36	749314	20.0
Naphtho[2,1-b]thi...	11.25	8.1	ng	304449	4	11.36	749314	20.0
Phenanthrene, 2-m...	11.86	8.2	ng	306315	4	11.36	749314	20.0
Phenanthrene, 1-m...	11.89	11.1	ng	414146	4	11.36	749314	20.0
4H-Cyclopenta[def...	11.97	13.5	ng	505854	4	11.36	749314	20.0
9,12-Octadecadien...	12.42	21.9	ng	821055	4	11.36	749314	20.0
6-Octadecenoic ac...	12.44	8.4	ng	313216	4	11.36	749314	20.0
Hexacosane	14.76	10.3	ng	187306	6	15.49	365525	20.0
Triacontane	15.89	10.6	ng	194524	6	15.49	365525	20.0