

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116218.D
 Acq On : 13 Aug 2019 4:38
 Operator : HP/JU
 Sample : K4095-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	601	rBV	199934	365447	9.48%	1.178%
2	6.475	743	746	766	rBV	241416	441756	11.46%	1.423%
3	6.610	766	769	776	rBV	432353	438857	11.39%	1.414%
4	6.833	804	807	816	rBV	928746	824365	21.39%	2.656%
5	6.992	830	834	848	rBV	367229	379973	9.86%	1.224%
6	7.398	900	903	913	rBV	162638	249588	6.48%	0.804%
7	8.116	1019	1025	1031	rBV	1159865	1165467	30.25%	3.756%
8	8.169	1031	1034	1037	rVV3	51528	79134	2.05%	0.255%
9	8.204	1037	1040	1047	rVB6	31974	43684	1.13%	0.141%
10	8.286	1047	1054	1056	rBV6	23342	38805	1.01%	0.125%
11	8.316	1056	1059	1062	rVB2	39947	39871	1.03%	0.128%
12	8.404	1069	1074	1078	rBV5	65384	80369	2.09%	0.259%
13	8.498	1087	1090	1092	rBV3	56590	55330	1.44%	0.178%
14	8.533	1092	1096	1098	rBV2	53754	42527	1.10%	0.137%
15	8.616	1106	1110	1113	rBV2	116206	117324	3.04%	0.378%
16	8.704	1122	1125	1129	rBV2	164910	157792	4.10%	0.508%
17	8.775	1134	1137	1139	rVV	50671	41553	1.08%	0.134%
18	8.939	1159	1165	1167	rBV3	134591	145364	3.77%	0.468%
19	9.022	1177	1179	1183	rVB4	37489	41995	1.09%	0.135%
20	9.069	1183	1187	1192	rBV3	61746	110281	2.86%	0.355%
21	9.133	1196	1198	1200	rVV2	109255	92439	2.40%	0.298%
22	9.186	1204	1207	1212	rBV	605948	556645	14.45%	1.794%
23	9.227	1212	1214	1217	rVB3	46801	39264	1.02%	0.127%
24	9.269	1218	1221	1224	rBV	324697	277113	7.19%	0.893%
25	9.339	1231	1233	1236	rVB2	95618	82398	2.14%	0.266%
26	9.463	1252	1254	1258	rVB4	60451	49506	1.28%	0.160%
27	9.510	1258	1262	1263	rBV3	56973	70718	1.84%	0.228%
28	9.527	1263	1265	1267	rVV2	96571	97533	2.53%	0.314%
29	9.592	1271	1276	1278	rVV4	231664	288406	7.48%	0.929%
30	9.616	1278	1280	1283	rVV2	109959	109144	2.83%	0.352%
31	9.651	1283	1286	1288	rVB	112473	93695	2.43%	0.302%
32	9.733	1297	1300	1304	rBV	116040	137999	3.58%	0.445%
33	9.798	1308	1311	1316	rVB	493435	383584	9.95%	1.236%
34	9.839	1316	1318	1319	rBV2	47971	41128	1.07%	0.133%

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35	9.869	1320	1323	1327	rVV	1266447	1182701	30.69%	3.811%
36	9.904	1327	1329	1333	rVB	78168	61746	1.60%	0.199%
37	9.974	1338	1341	1346	rVB4	59843	65950	1.71%	0.213%
38	10.027	1347	1350	1353	rVV2	72658	112680	2.92%	0.363%
39	10.086	1357	1360	1362	rVV3	101846	117435	3.05%	0.378%
40	10.122	1362	1366	1370	rVV6	150197	209096	5.43%	0.674%
41	10.157	1370	1372	1374	rVB	80199	60074	1.56%	0.194%
42	10.192	1374	1378	1381	rBV5	71472	120417	3.13%	0.388%
43	10.239	1384	1386	1390	rVB3	60215	68536	1.78%	0.221%
44	10.298	1393	1396	1399	rVV	661218	513053	13.31%	1.653%
45	10.327	1399	1401	1403	rVV2	64253	62650	1.63%	0.202%
46	10.351	1403	1405	1411	rVB2	59429	89920	2.33%	0.290%
47	10.422	1411	1417	1427	rBV	123398	284541	7.38%	0.917%
48	10.516	1429	1433	1439	rVV	220590	355163	9.22%	1.144%
49	10.569	1440	1442	1445	rVV2	80029	76050	1.97%	0.245%
50	10.598	1445	1447	1451	rVV2	64535	79957	2.08%	0.258%
51	10.633	1451	1453	1456	rVV2	87086	73370	1.90%	0.236%
52	10.669	1456	1459	1468	rVV3	180348	287418	7.46%	0.926%
53	10.769	1473	1476	1486	rVB	613939	779741	20.24%	2.513%
54	10.963	1506	1509	1513	rBV3	81711	116749	3.03%	0.376%
55	10.998	1513	1515	1518	rVB2	97440	77557	2.01%	0.250%
56	11.051	1522	1524	1527	rVB	56353	49983	1.30%	0.161%
57	11.216	1549	1552	1555	rBV	547463	490440	12.73%	1.580%
58	11.251	1555	1558	1563	rVB2	255071	314019	8.15%	1.012%
59	11.363	1573	1577	1579	rBV	1032826	1052160	27.31%	3.390%
60	11.386	1579	1581	1587	rVV	514018	540348	14.02%	1.741%
61	11.439	1587	1590	1593	rVV	175357	195528	5.07%	0.630%
62	11.486	1596	1598	1602	rVB2	55763	58721	1.52%	0.189%
63	11.527	1602	1605	1609	rBV2	75249	65532	1.70%	0.211%
64	11.598	1614	1617	1622	rBV3	92130	112117	2.91%	0.361%
65	11.645	1622	1625	1627	rVV	494852	409563	10.63%	1.320%
66	11.745	1638	1642	1645	rVB	1220026	995051	25.82%	3.206%
67	11.810	1650	1653	1658	rVV3	43064	56271	1.46%	0.181%
68	11.939	1673	1675	1678	rBV	63560	68650	1.78%	0.221%
69	11.974	1678	1681	1687	rVB3	115258	175924	4.57%	0.567%
70	12.051	1691	1694	1699	rVB	441144	361085	9.37%	1.164%
71	12.333	1739	1742	1745	rVB2	62487	54942	1.43%	0.177%

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72	12.433	1754	1759	1760	rBV	2641588	2799914	72.66%	9.022%
73	12.451	1760	1762	1769	rVB2	3546911	3853277	100.00%	12.417%
74	12.533	1773	1776	1780	rVB	612321	488935	12.69%	1.576%
75	12.574	1780	1783	1789	rBV	723641	884532	22.96%	2.850%
76	12.674	1798	1800	1804	rVB	68316	57896	1.50%	0.187%
77	12.768	1814	1816	1818	rBV	92590	80371	2.09%	0.259%
78	12.804	1818	1822	1829	rVB2	741938	828349	21.50%	2.669%
79	12.857	1829	1831	1834	rVB2	39615	41552	1.08%	0.134%
80	12.939	1841	1845	1848	rBV	573242	500062	12.98%	1.611%
81	13.021	1855	1859	1862	rBV4	65025	111226	2.89%	0.358%
82	13.092	1869	1871	1873	rBV	72935	69321	1.80%	0.223%
83	13.115	1873	1875	1876	rVV	85536	76912	2.00%	0.248%
84	13.133	1876	1878	1881	rVV	133822	131434	3.41%	0.424%
85	13.163	1881	1883	1888	rVV	200128	252006	6.54%	0.812%
86	13.198	1888	1889	1892	rVB	89547	67312	1.75%	0.217%
87	13.239	1893	1896	1897	rBV2	63592	63509	1.65%	0.205%
88	13.257	1897	1899	1902	rVB	84243	72482	1.88%	0.234%
89	13.362	1915	1917	1924	rBV3	45801	71516	1.86%	0.230%
90	13.504	1939	1941	1944	rBV	136597	114779	2.98%	0.370%
91	13.833	1995	1997	1999	rVB2	89524	67068	1.74%	0.216%
92	13.927	2010	2013	2018	rBV	68066	77581	2.01%	0.250%
93	14.004	2021	2026	2029	rVV2	1167908	1379404	35.80%	4.445%
94	14.027	2029	2030	2039	rVB	288475	266525	6.92%	0.859%
95	14.151	2048	2051	2058	rBV3	79756	119481	3.10%	0.385%
96	14.451	2100	2102	2106	rBV3	107570	131634	3.42%	0.424%
97	15.051	2200	2204	2207	rBV	261060	368824	9.57%	1.188%
98	15.351	2252	2255	2261	rVB	156158	178813	4.64%	0.576%
99	15.415	2263	2266	2270	rVB	210505	242980	6.31%	0.783%
100	15.474	2272	2276	2280	rVB	525045	661366	17.16%	2.131%

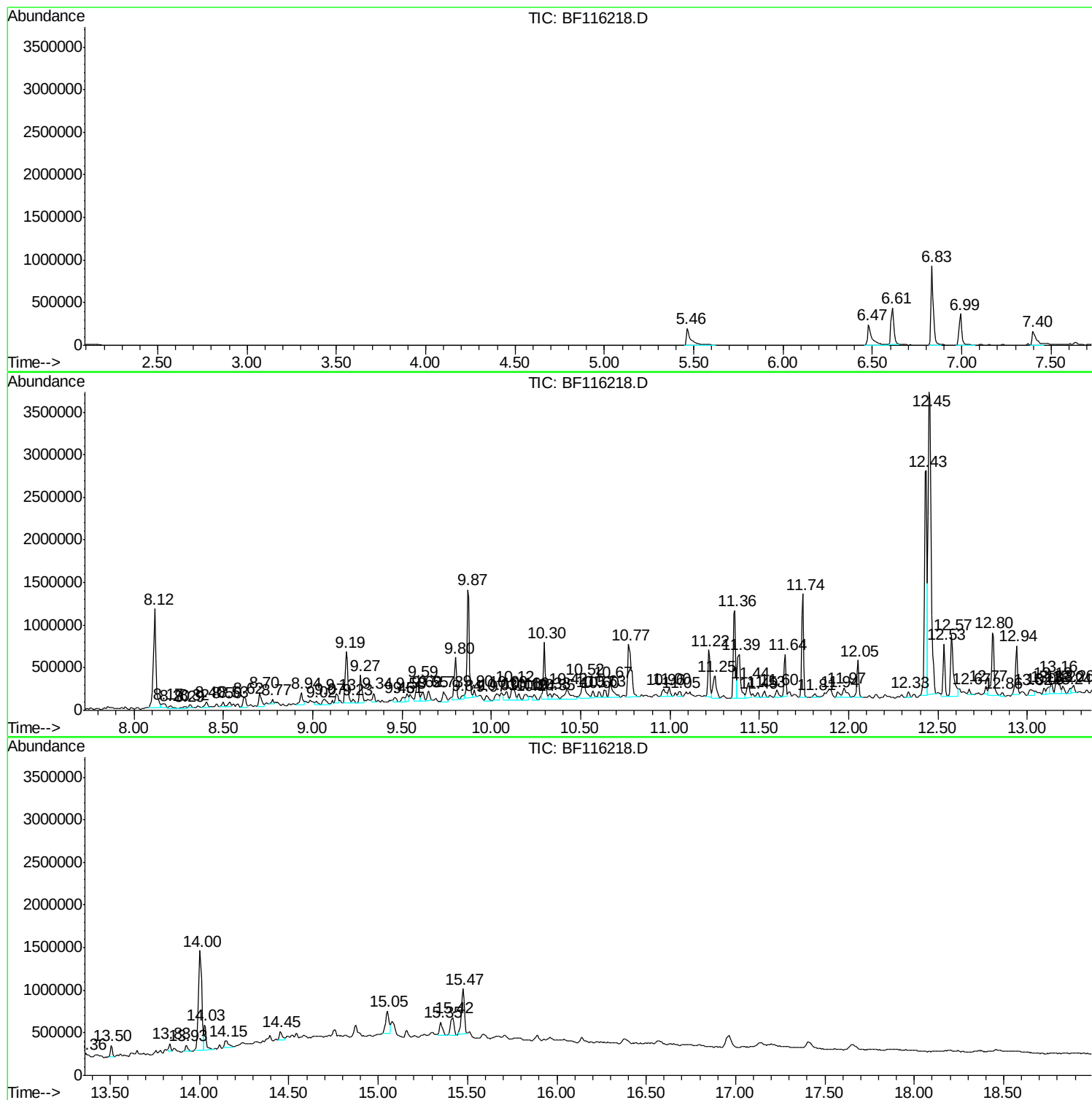
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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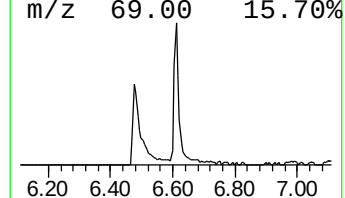
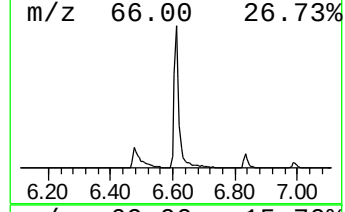
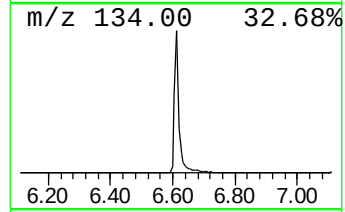
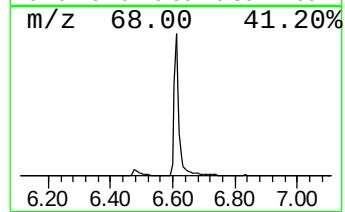
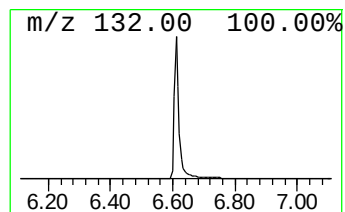
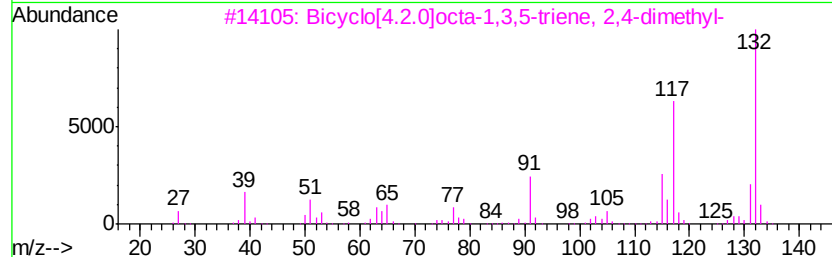
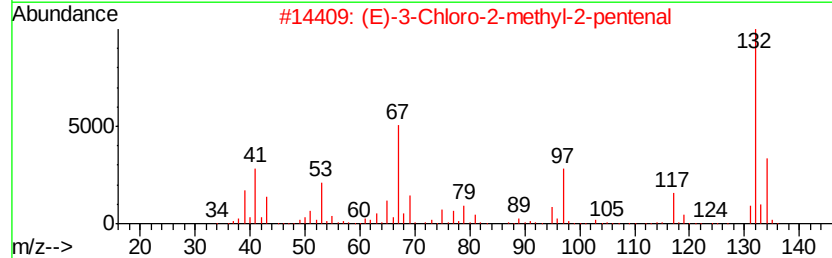
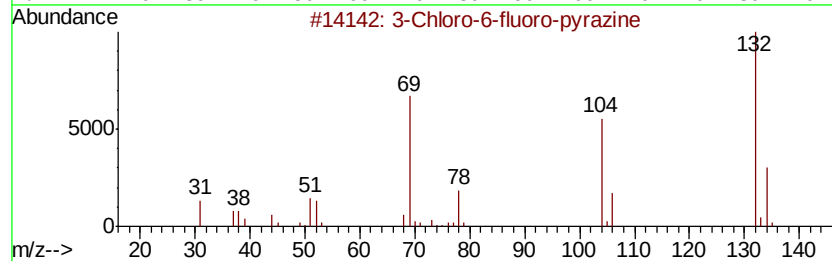
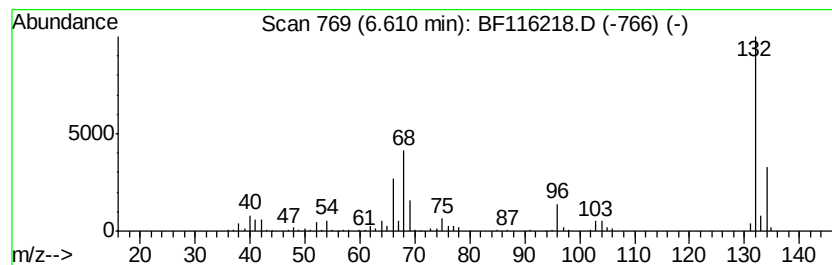
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	10.65 ng	438857	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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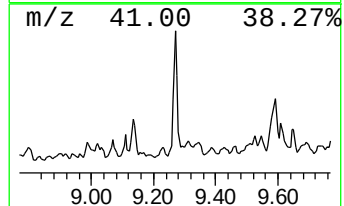
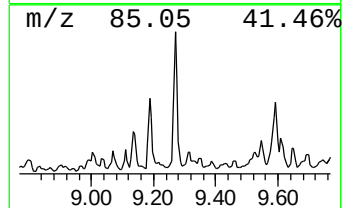
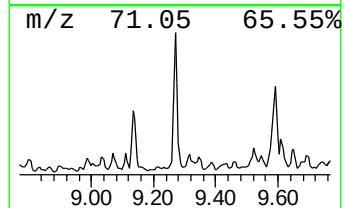
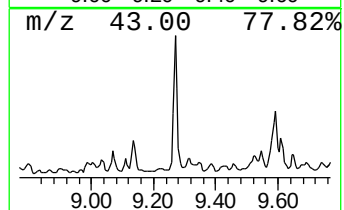
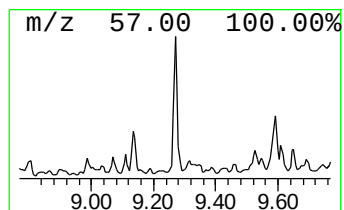
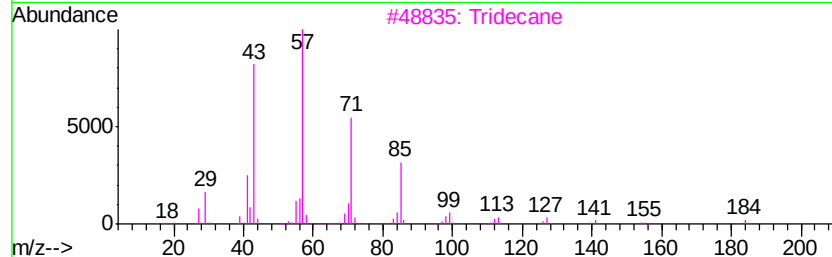
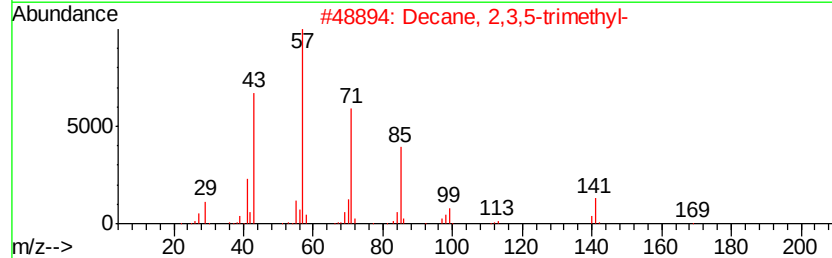
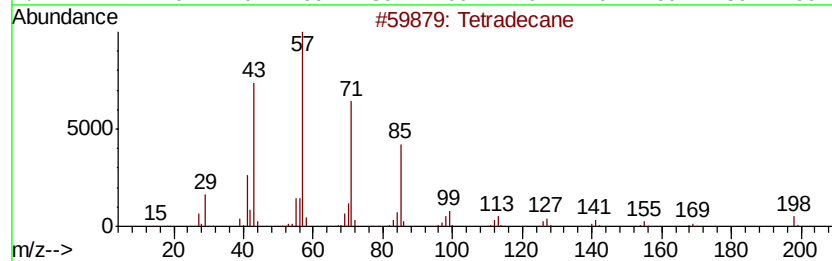
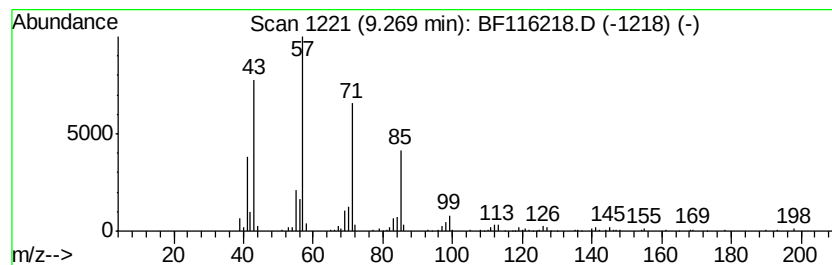
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.27	4.69 ng	277113	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tridecane	184	C13H28	000629-50-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



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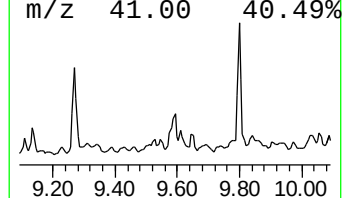
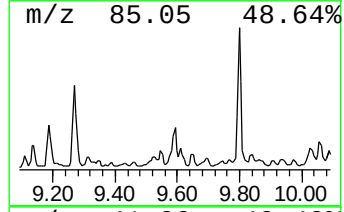
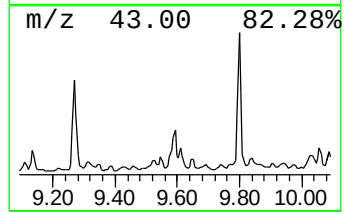
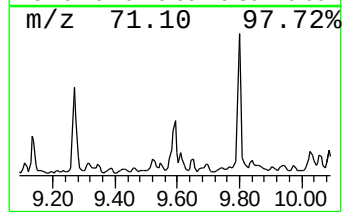
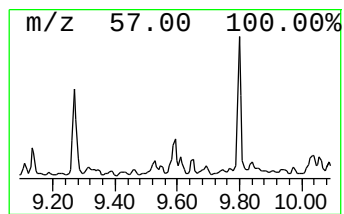
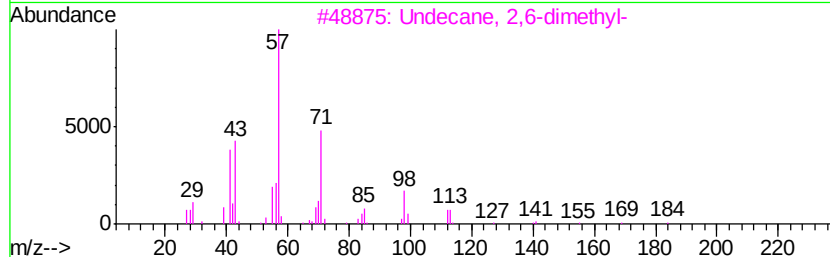
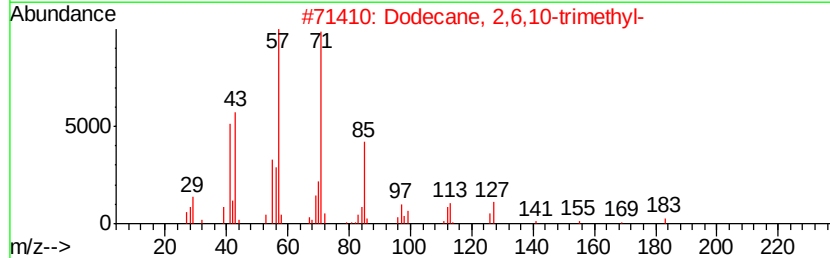
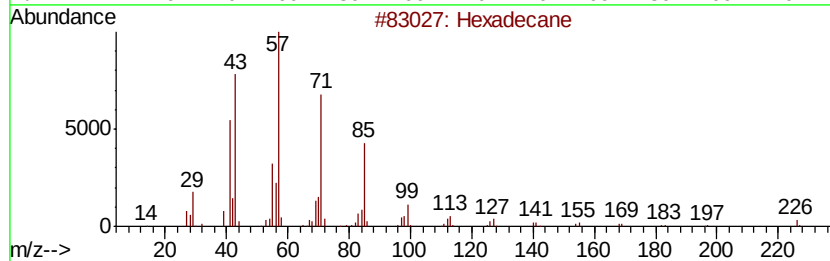
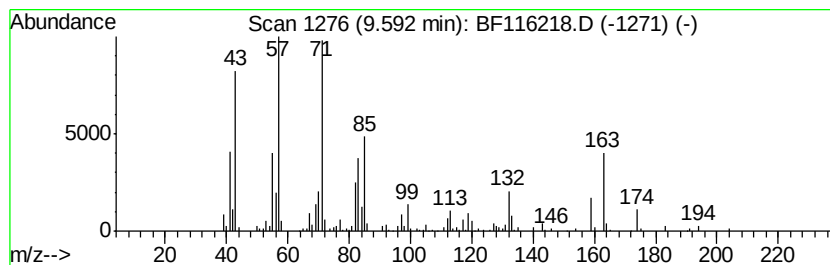
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.88 ng	288406	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	49
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	45
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	38



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Data File : BF116218.D
Acq On : 13 Aug 2019 4:38
Operator : HP/JU
Sample : K4095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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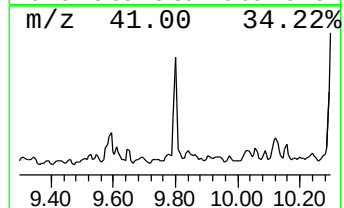
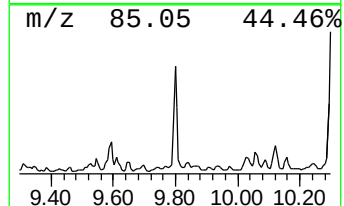
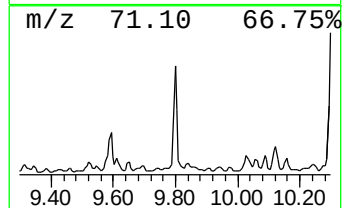
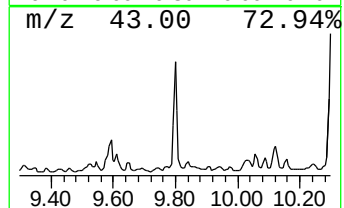
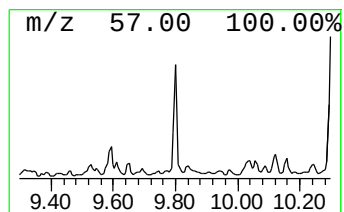
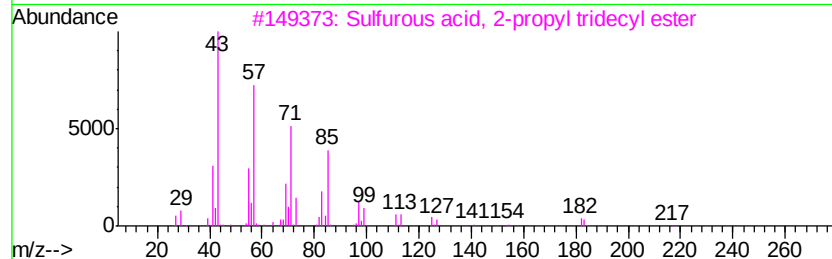
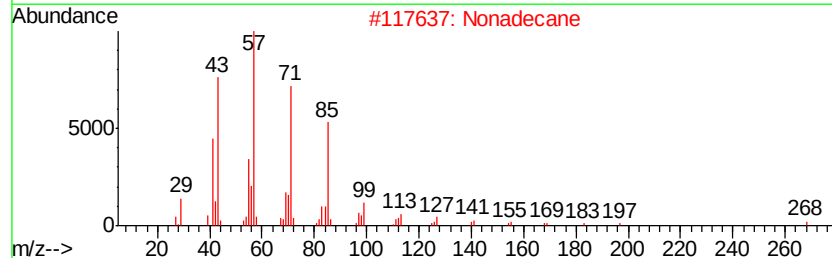
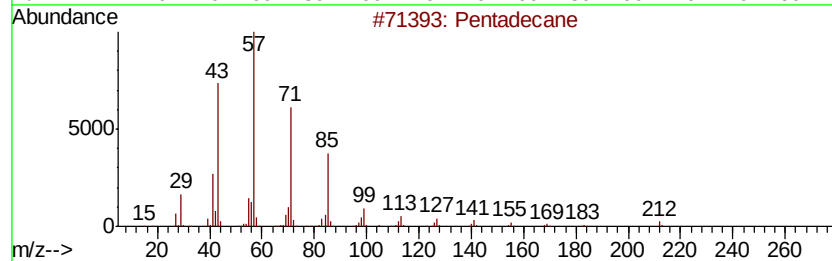
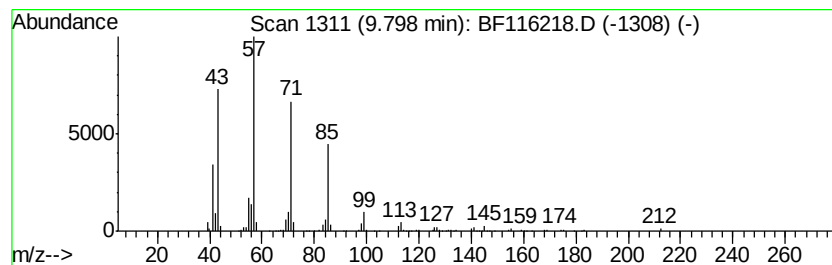
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	6.49 ng	383584	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Nonadecane	268	C19H40	000629-92-5	83
3		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	83
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-05 5X
Misc :
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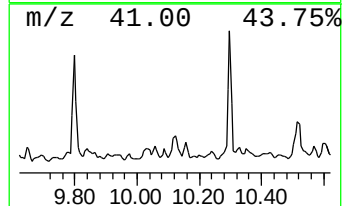
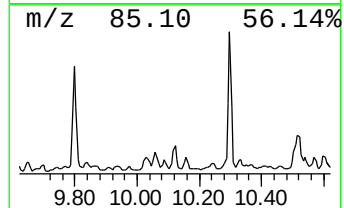
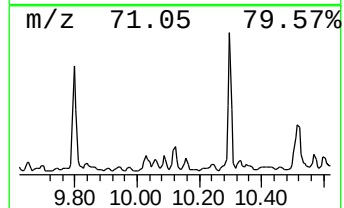
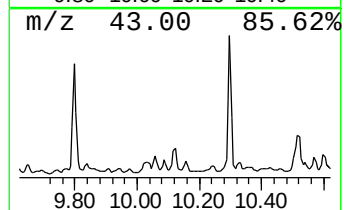
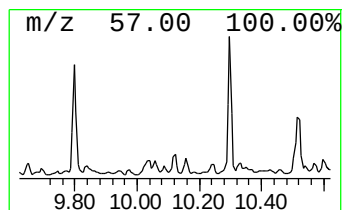
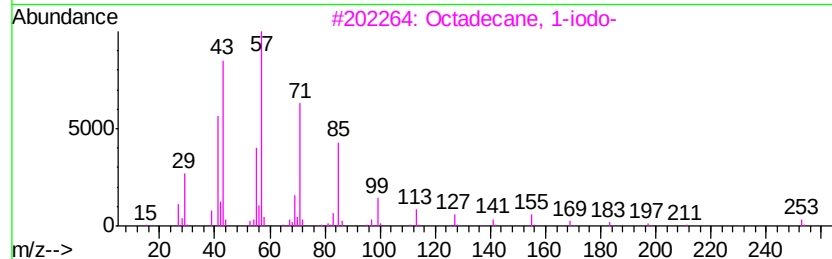
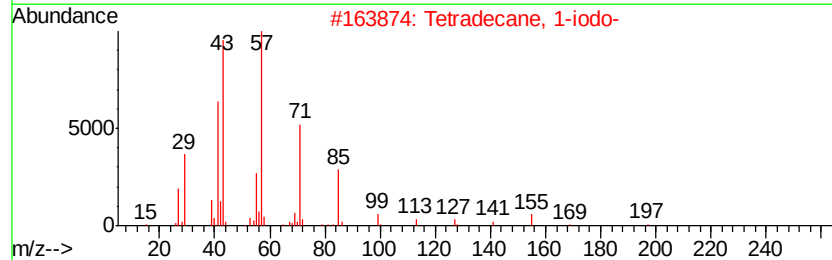
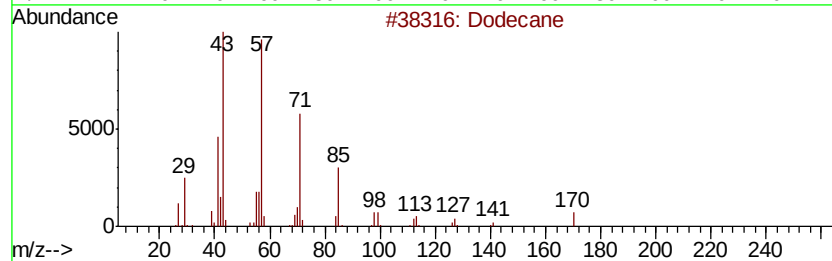
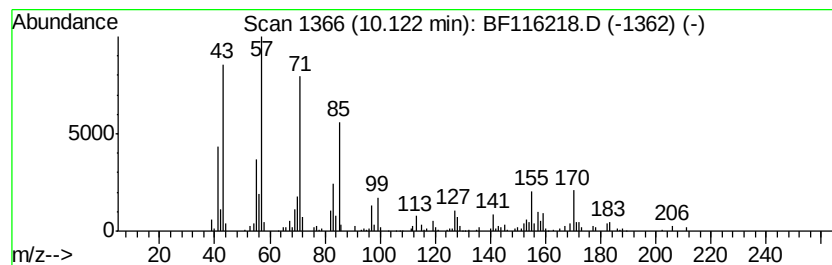
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.12	3.54 ng	209096	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	triacontane	422	C30H62	000638-68-6	58
5	Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

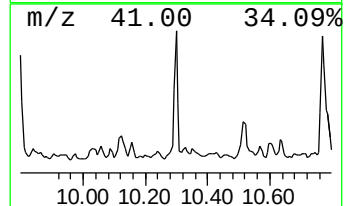
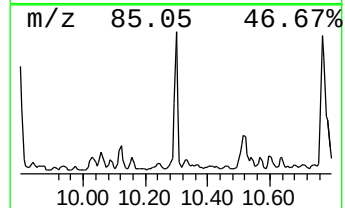
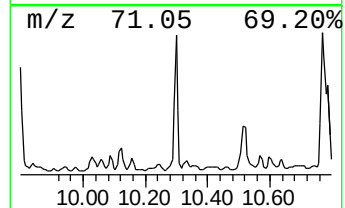
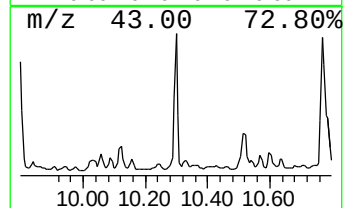
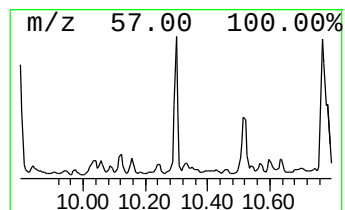
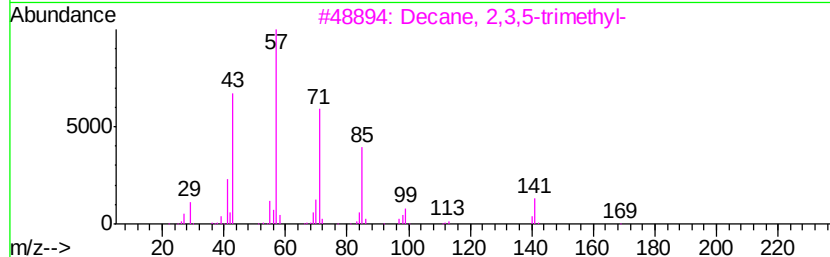
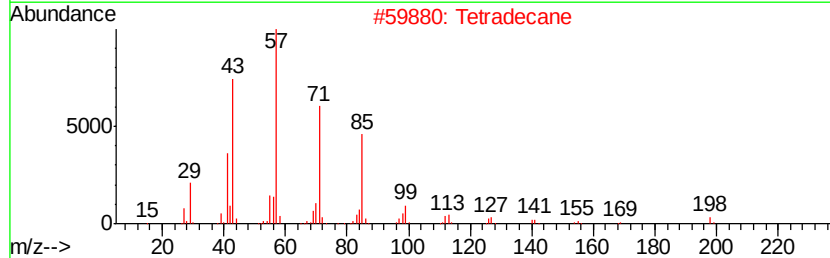
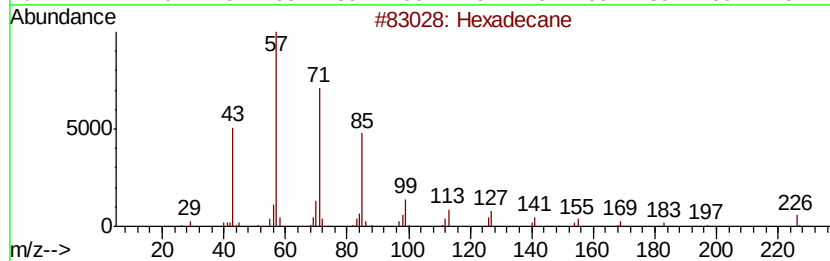
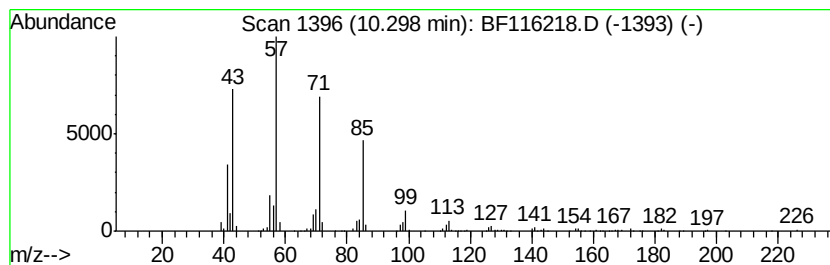
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	8.68 ng	513053	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-05 5X
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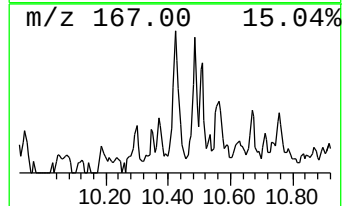
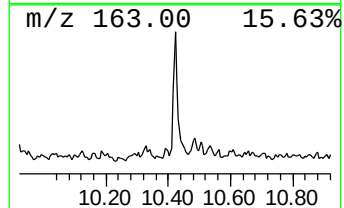
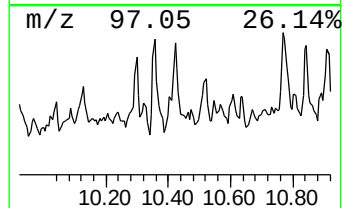
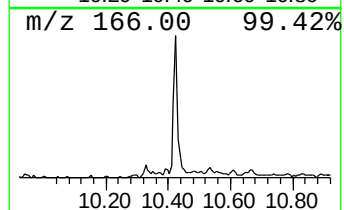
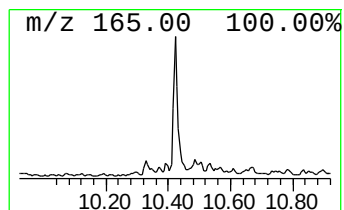
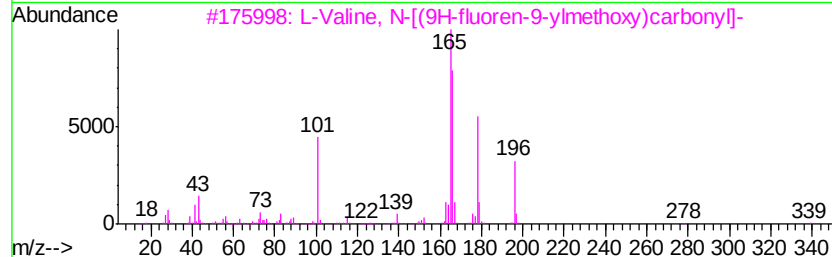
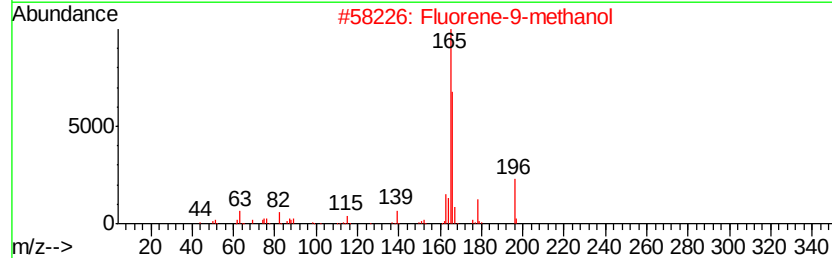
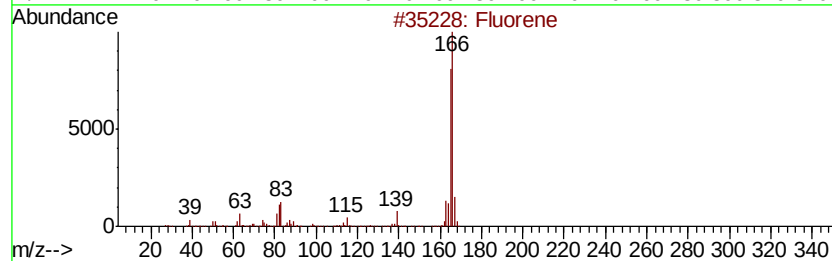
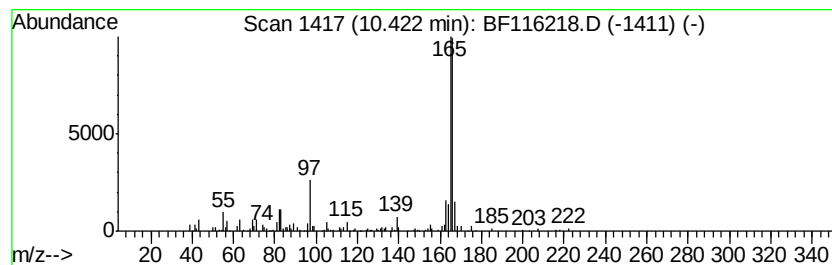
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluorene-9-methanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	4.81 ng	284541	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	95
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	72
3	L-Valine, N-[(9H-fluoren-9-ylmet...	339	C20H21N04	068858-20-8	72
4	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	56
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17N04	035661-39-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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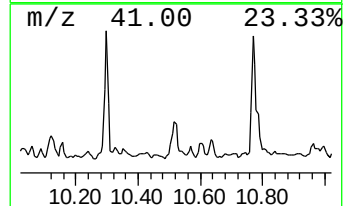
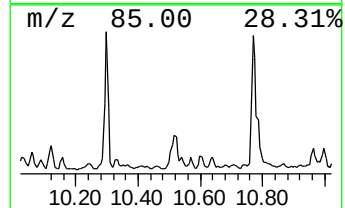
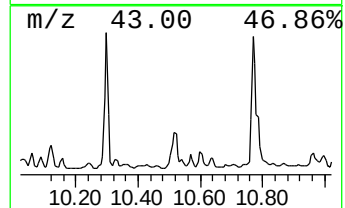
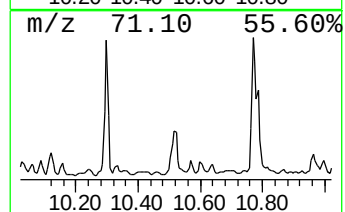
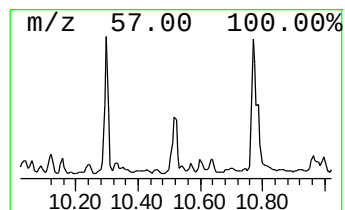
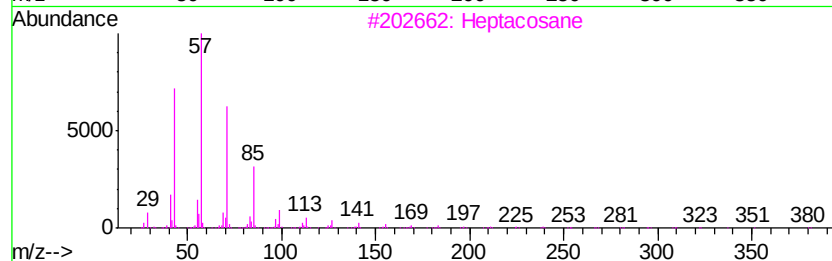
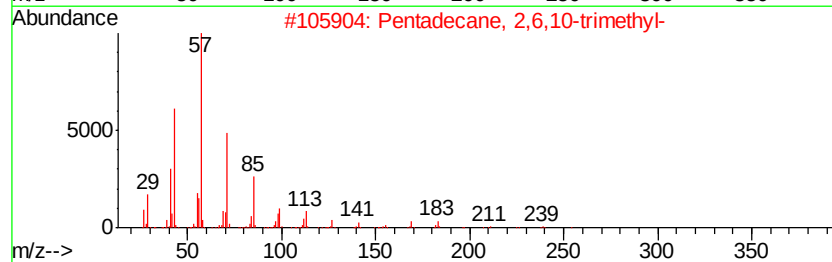
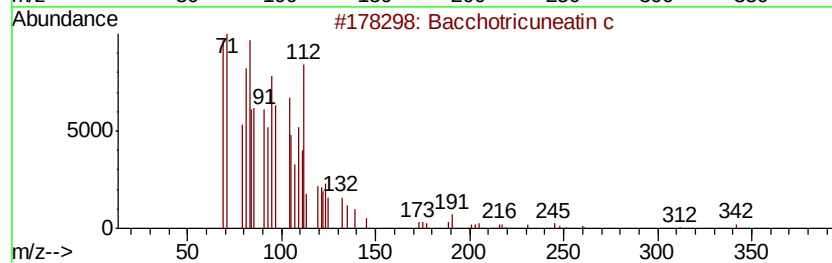
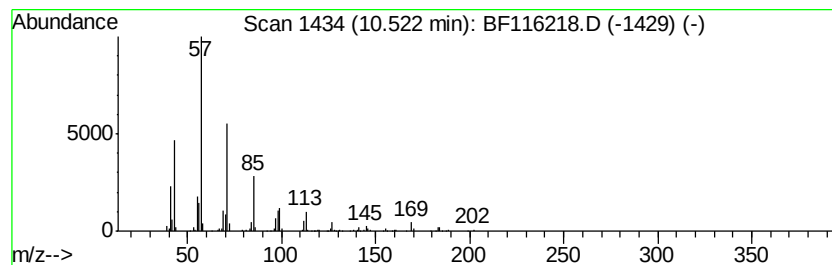
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.52	6.01 ng	355163	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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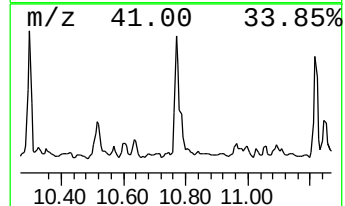
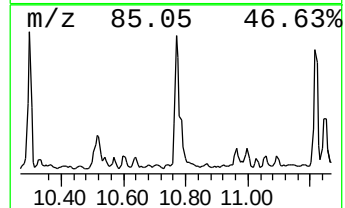
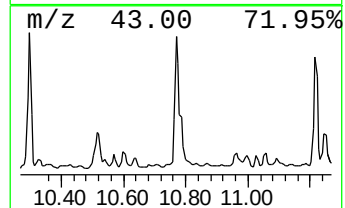
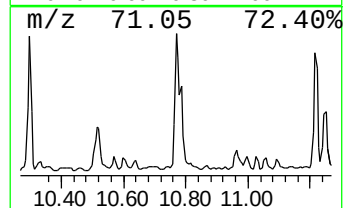
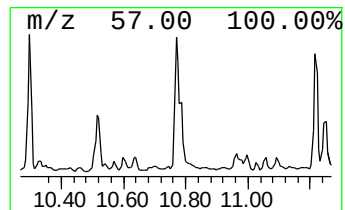
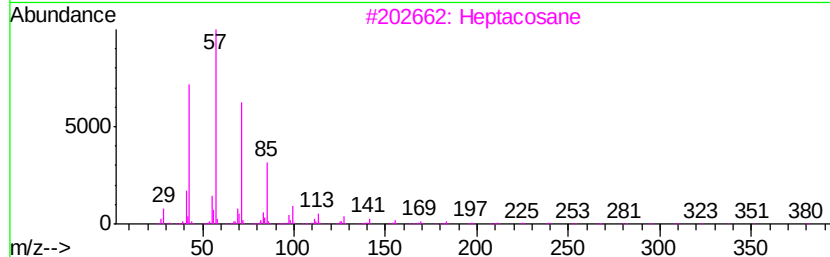
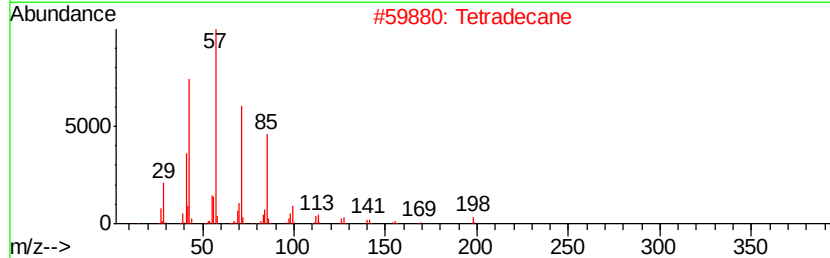
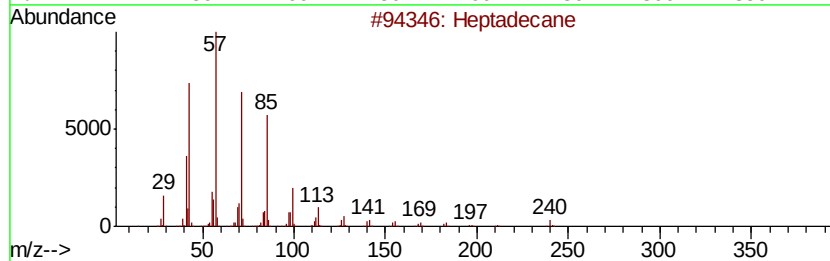
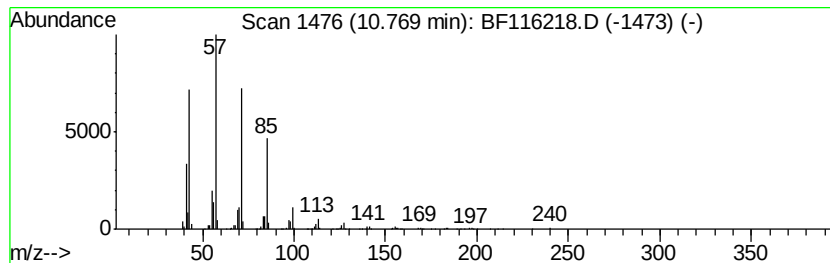
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	14.82 ng	779741	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tetradecane	198	C14H30	000629-59-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		9-methylheptadecane	254	C18H38	026741-18-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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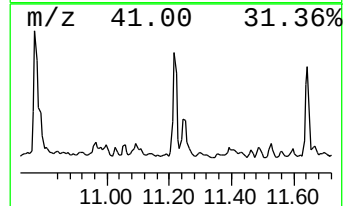
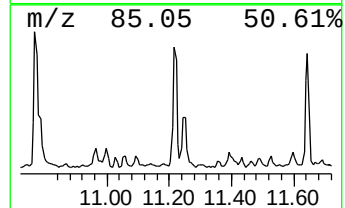
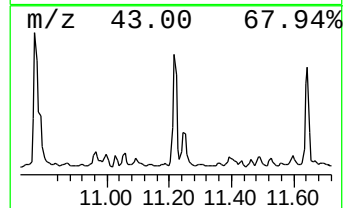
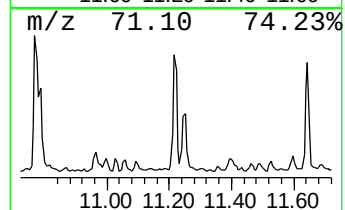
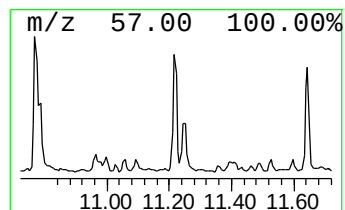
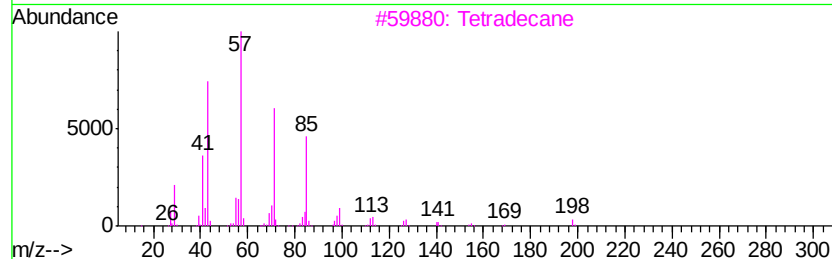
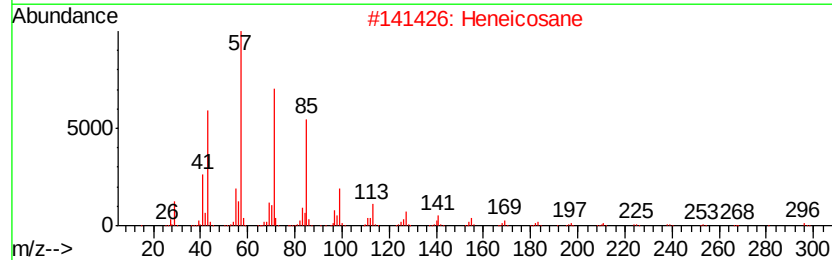
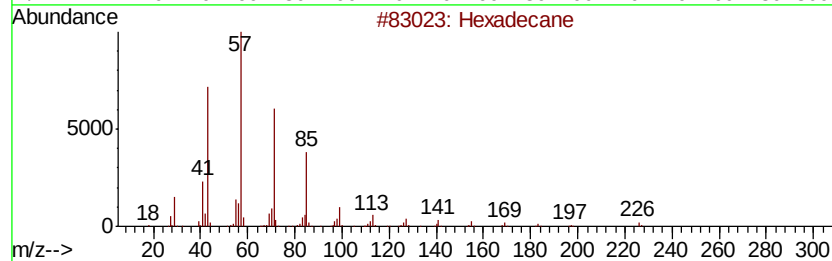
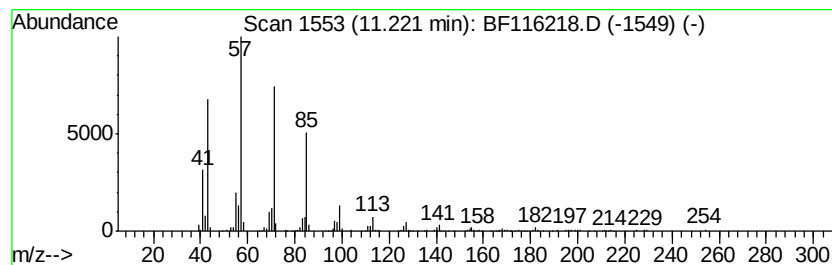
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	9.32 ng	490440	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116218.D
Acq On : 13 Aug 2019 4:38
Operator : HP/JU
Sample : K4095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-080919-A

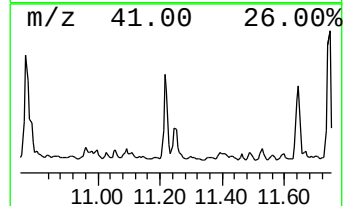
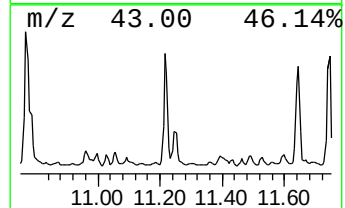
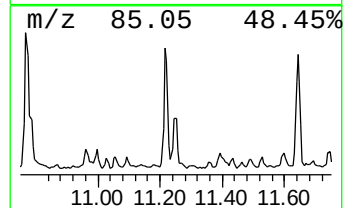
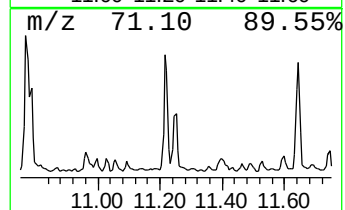
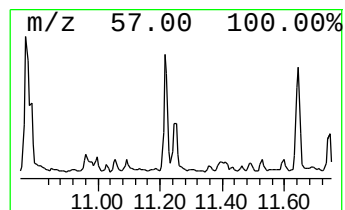
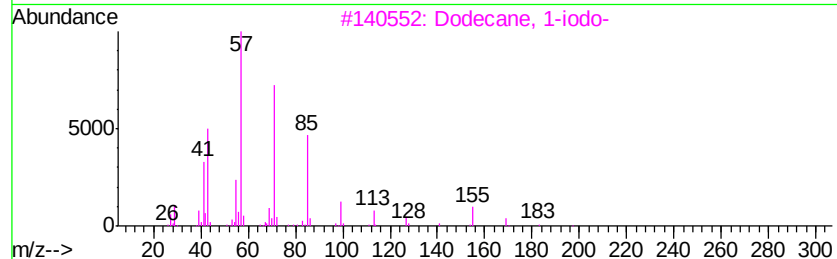
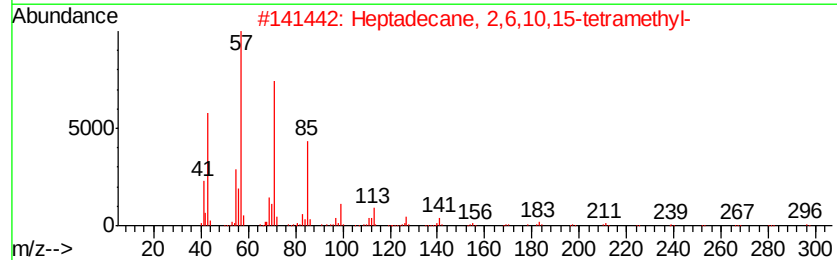
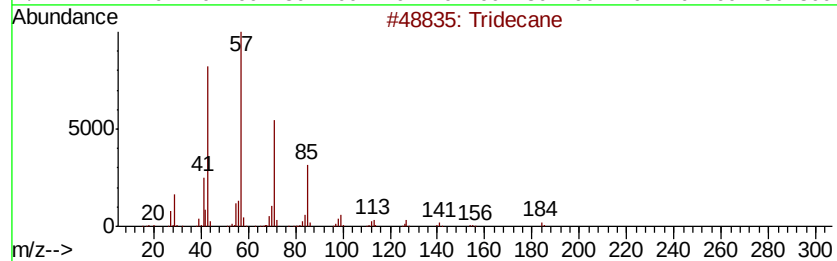
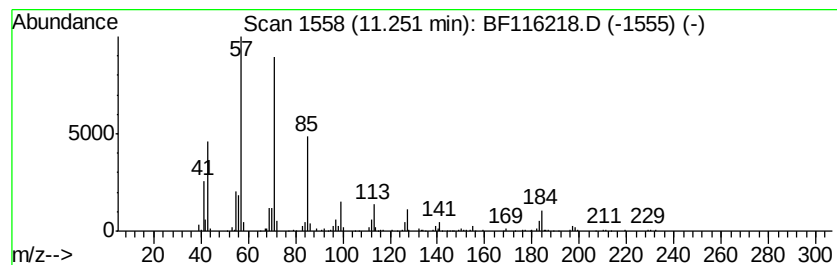
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	5.97 ng	314019	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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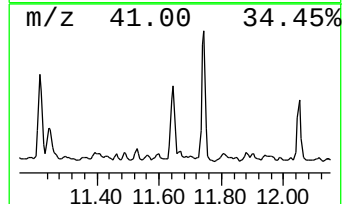
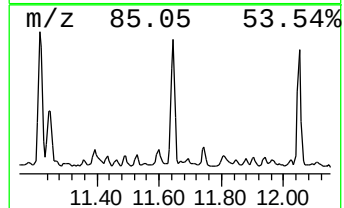
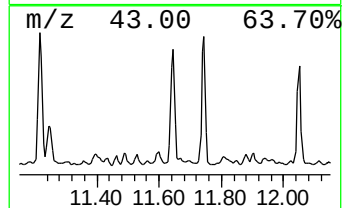
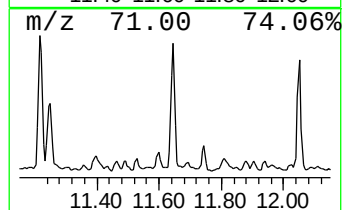
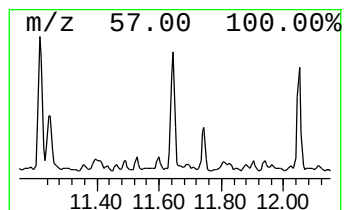
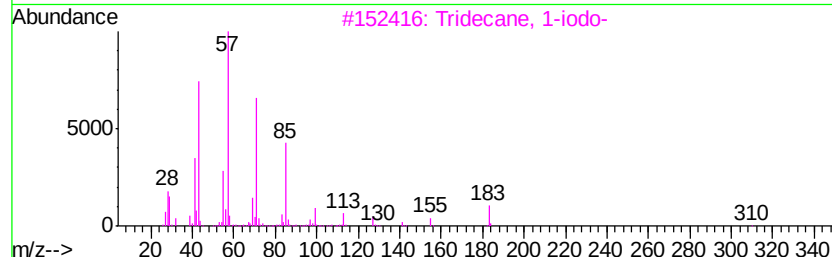
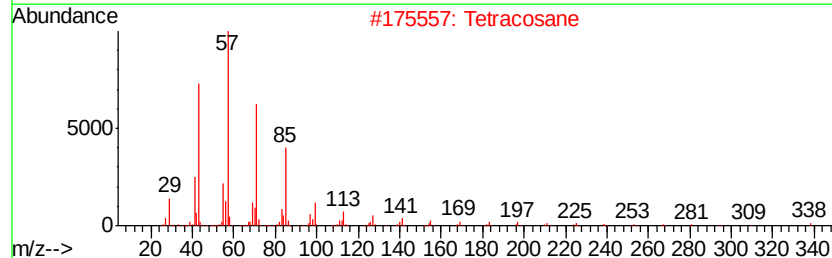
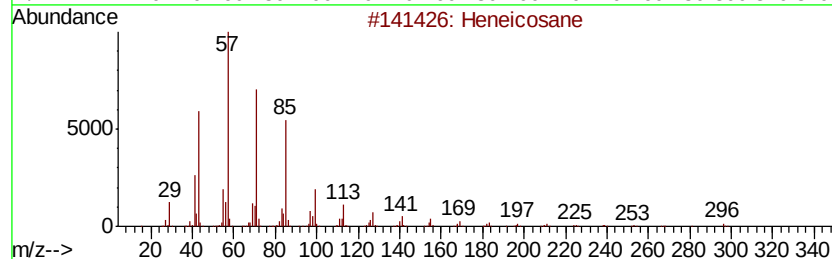
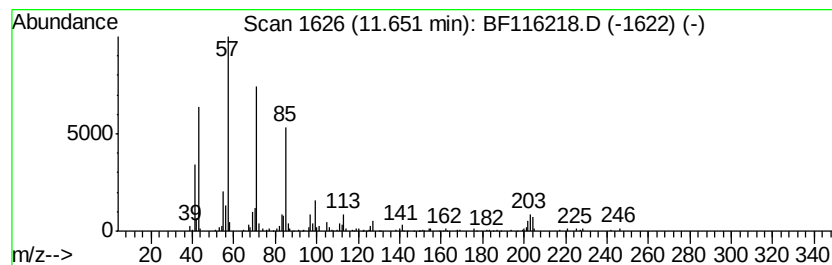
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	7.79 ng	409563	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-05 5X
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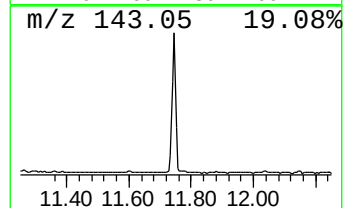
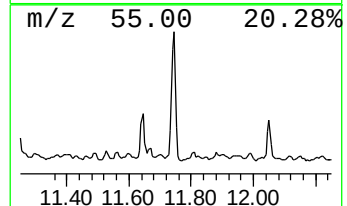
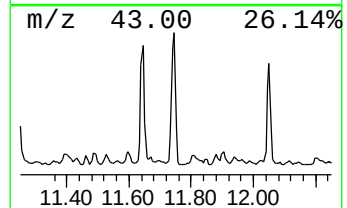
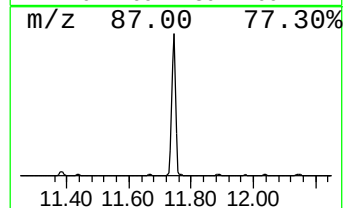
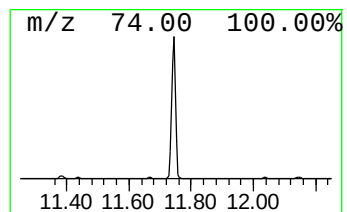
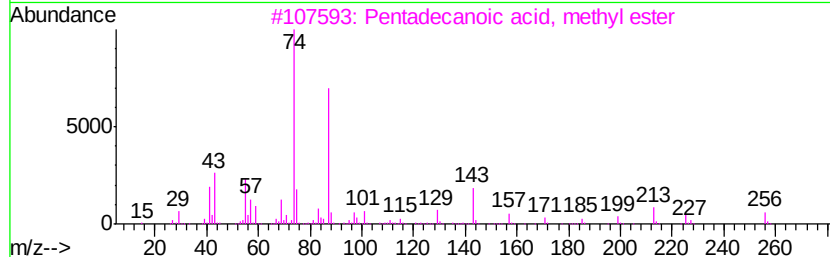
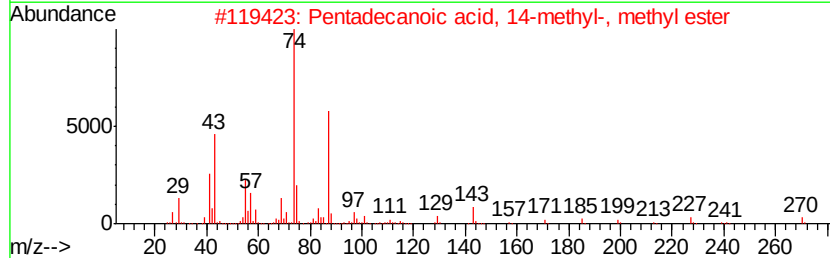
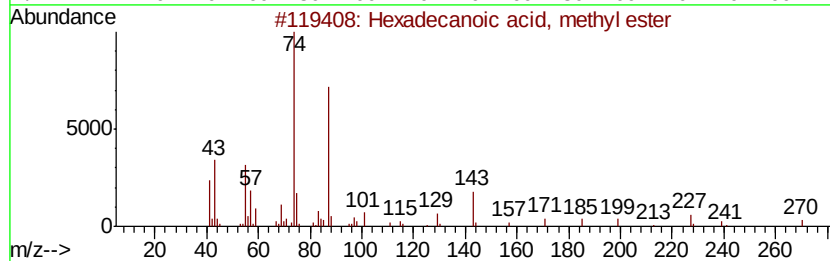
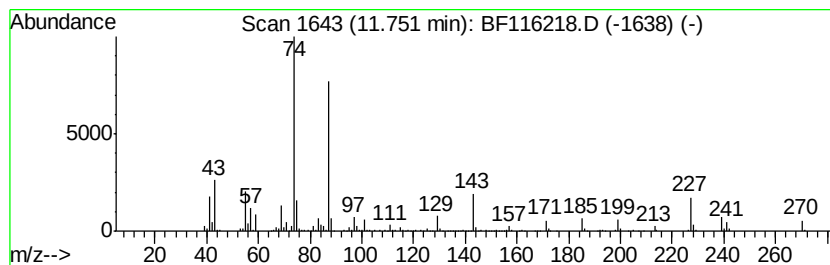
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	18.91 ng	995051	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 98
2		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 95
3		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 86
4		Decanoic acid, methyl ester	186 C11H22O2	000110-42-9 81
5		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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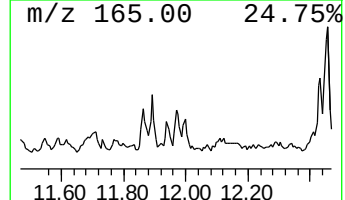
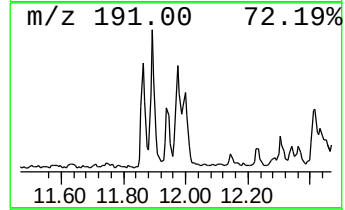
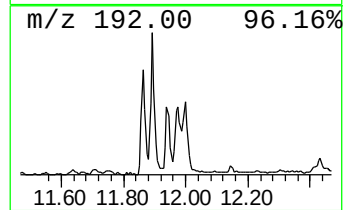
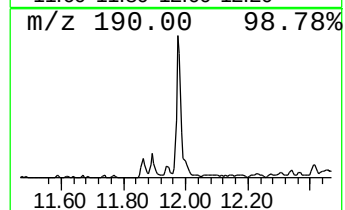
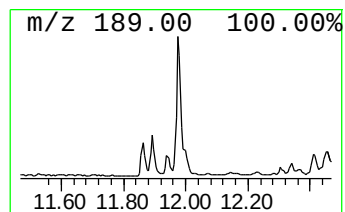
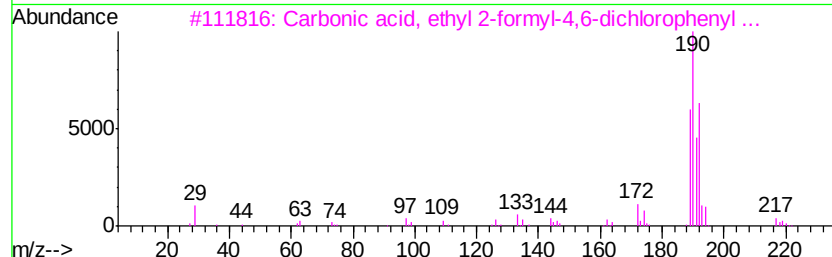
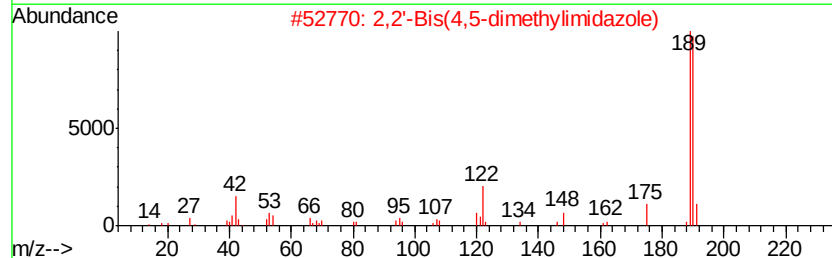
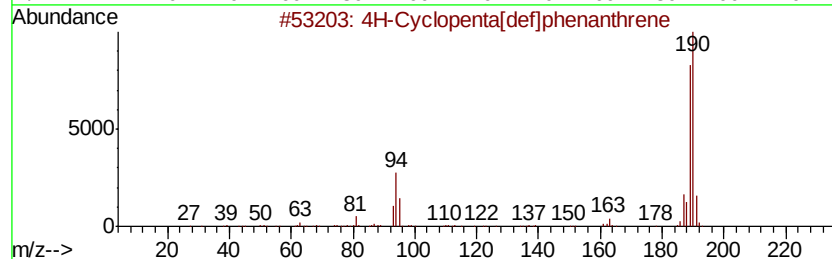
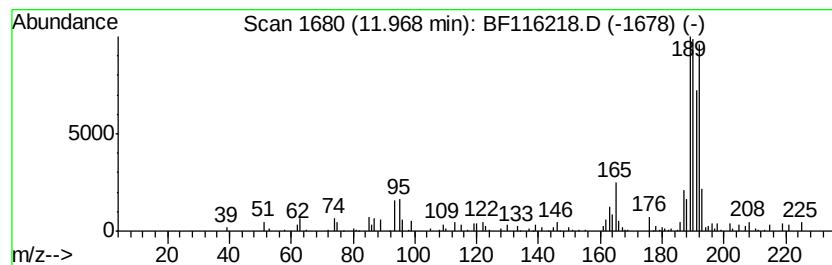
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	3.34 ng	175924	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	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	49
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
5	Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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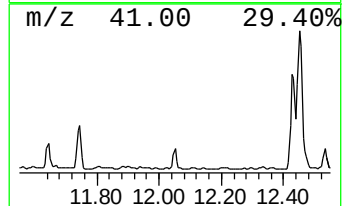
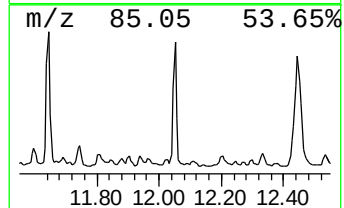
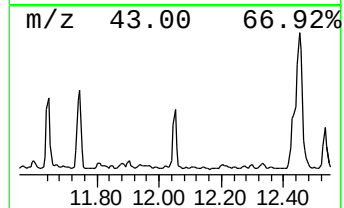
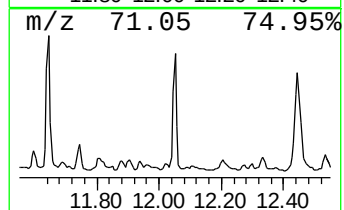
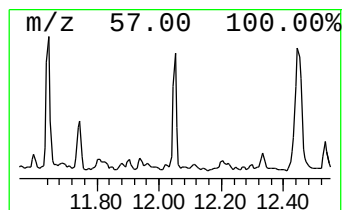
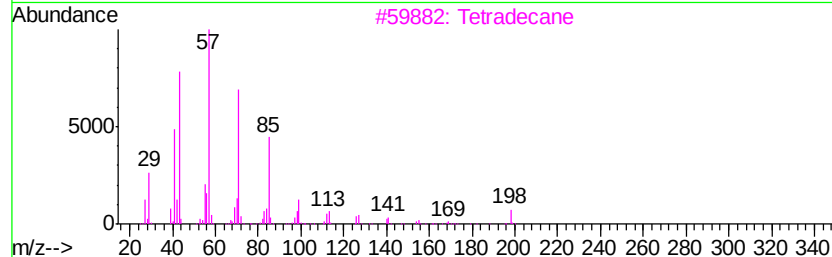
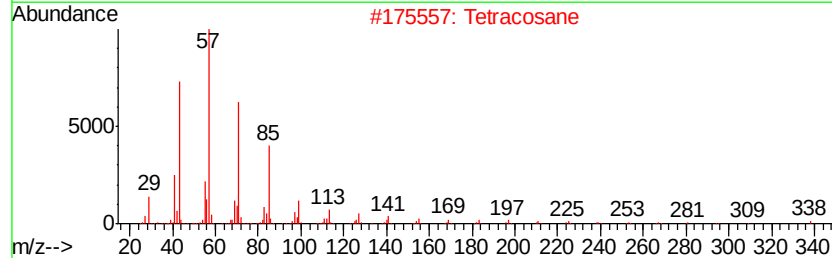
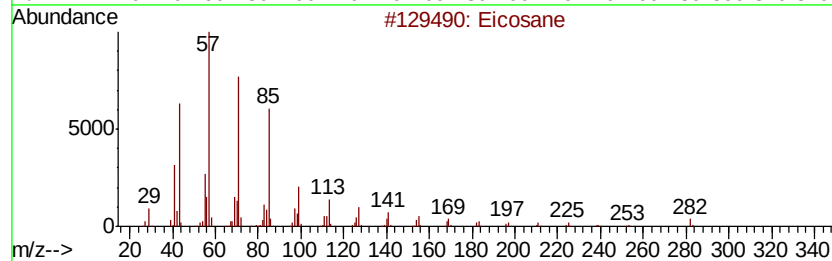
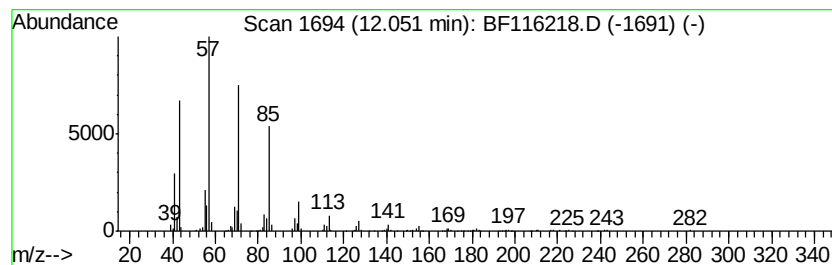
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	6.86 ng	361085	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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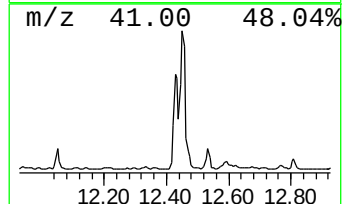
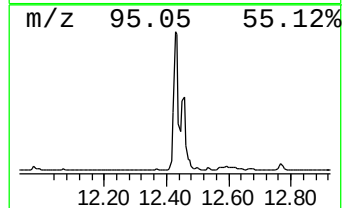
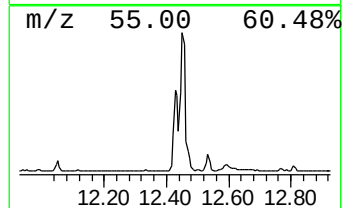
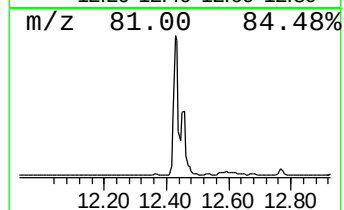
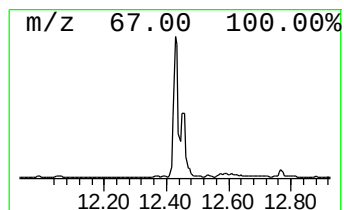
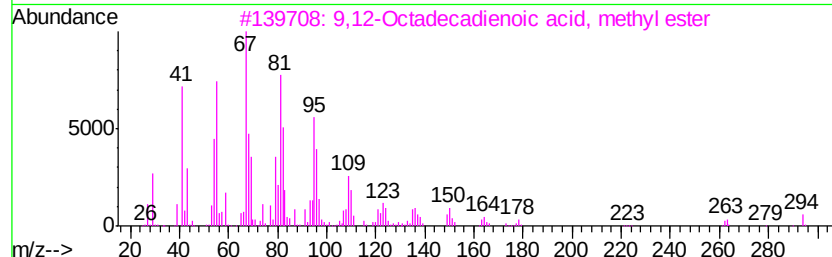
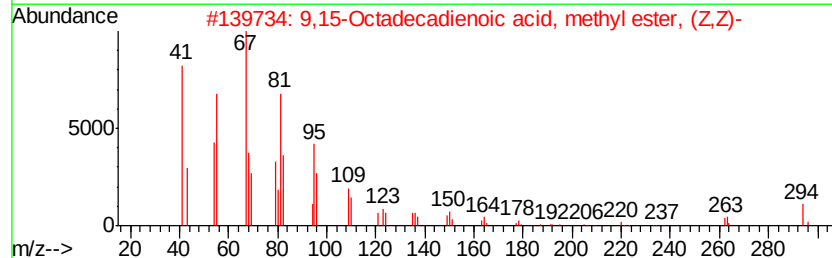
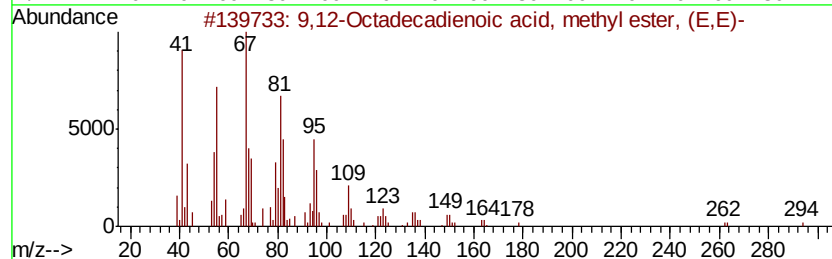
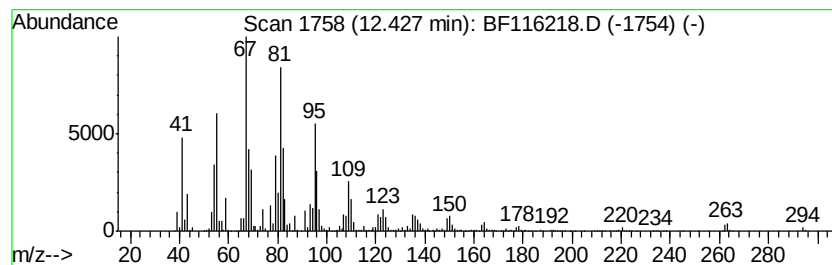
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.43	53.22 ng	2799910	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-05 5X
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ALS Vial : 24 Sample Multiplier: 1

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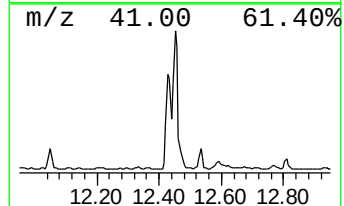
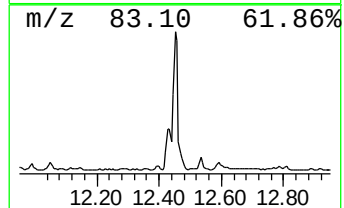
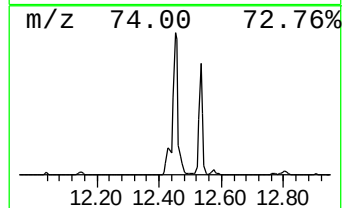
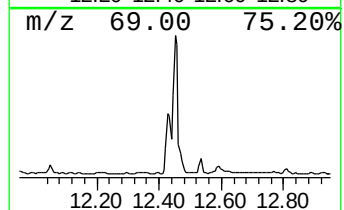
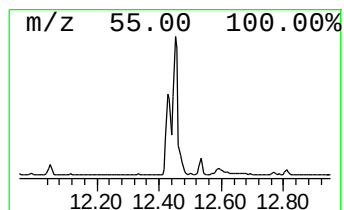
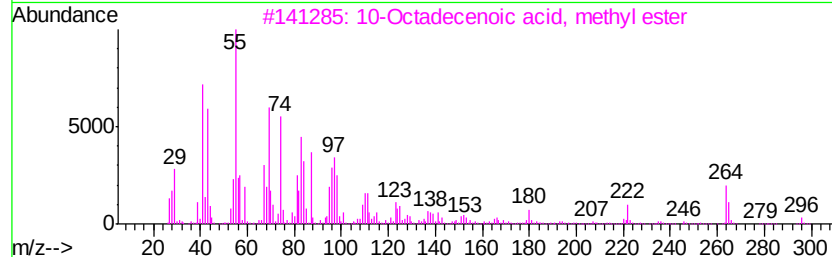
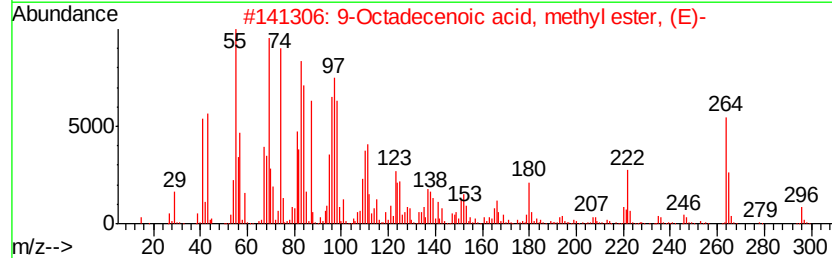
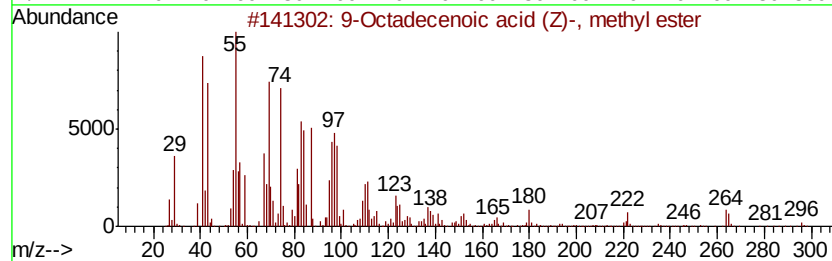
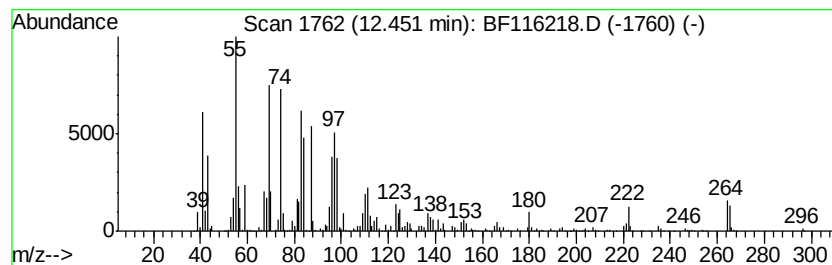
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	73.25 ng	3853280	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
4		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	89
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116218.D
Acq On : 13 Aug 2019 4:38
Operator : HP/JU
Sample : K4095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

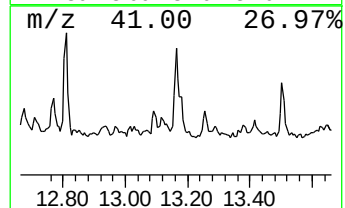
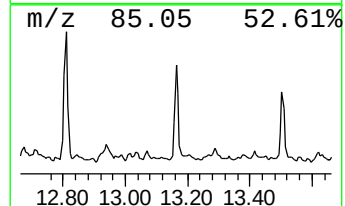
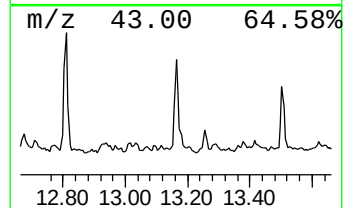
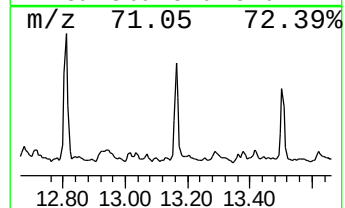
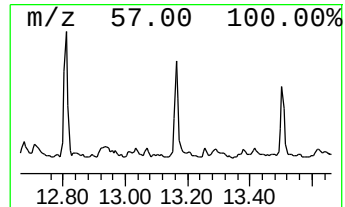
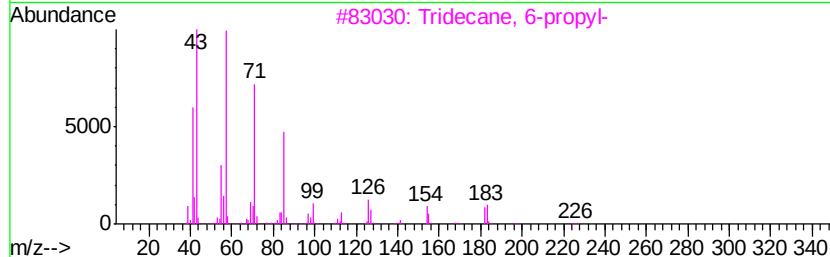
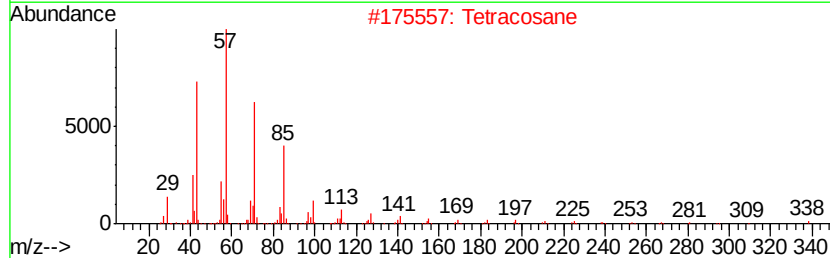
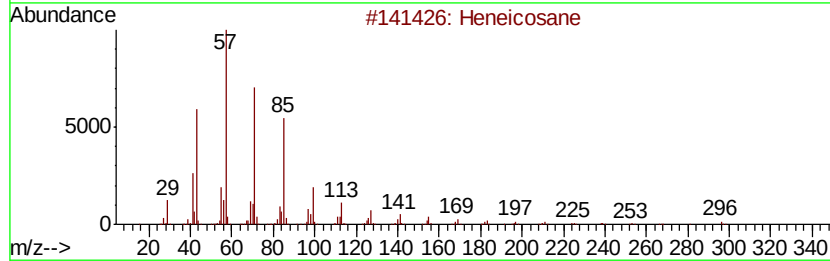
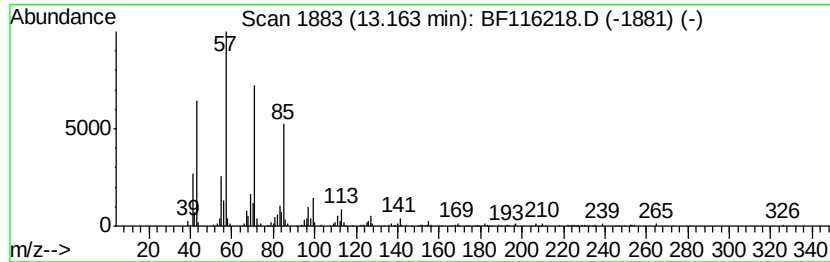
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.65 ng	252006	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4			Octacosane	394	C28H58	000630-02-4	86
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116218.D
Acq On : 13 Aug 2019 4:38
Operator : HP/JU
Sample : K4095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

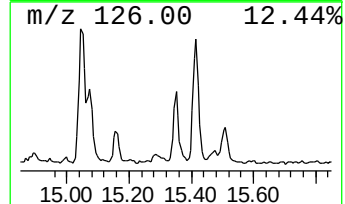
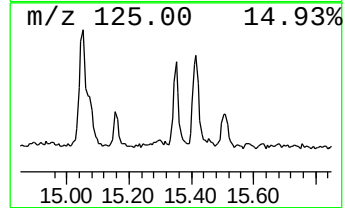
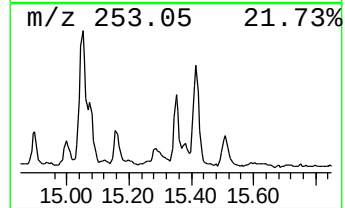
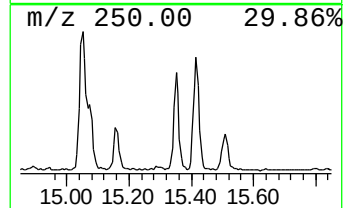
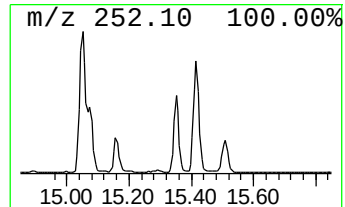
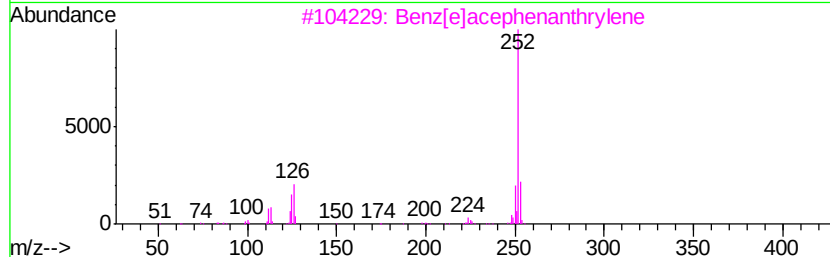
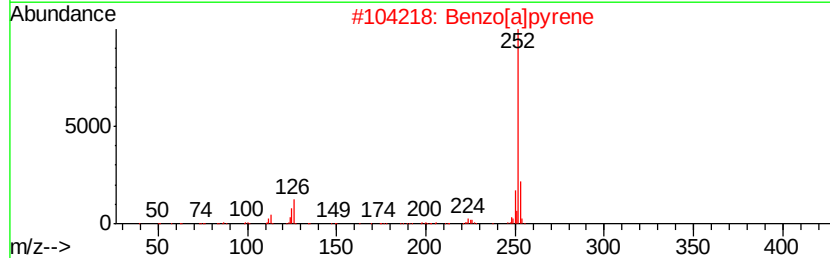
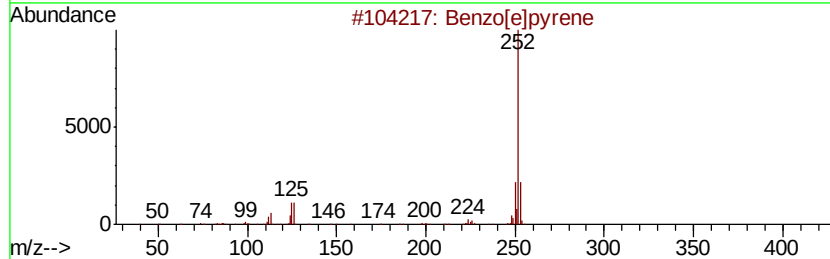
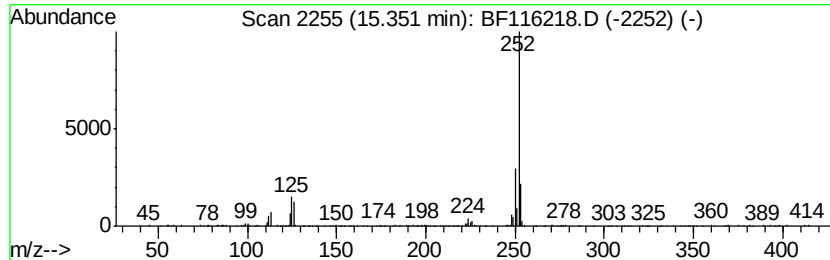
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	5.41 ng	178813	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116218.D
 Acq On : 13 Aug 2019 4:38
 Operator : HP/JU
 Sample : K4095-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	10.7	ng	438857	1	6.83	824365	20.0
Tetradecane	9.27	4.7	ng	277113	3	9.87	1182700	20.0
unknown9.59	9.59	4.9	ng	288406	3	9.87	1182700	20.0
Pentadecane	9.80	6.5	ng	383584	3	9.87	1182700	20.0
Dodecane	10.12	3.5	ng	209096	3	9.87	1182700	20.0
Decane, 2,3,5-tri...	10.30	8.7	ng	513053	3	9.87	1182700	20.0
Fluorene-9-methanol	10.42	4.8	ng	284541	3	9.87	1182700	20.0
Bacchotricuneatin c	10.52	6.0	ng	355163	3	9.87	1182700	20.0
Heptadecane	10.77	14.8	ng	779741	4	11.36	1052160	20.0
Hexadecane	11.22	9.3	ng	490440	4	11.36	1052160	20.0
Tridecane	11.25	6.0	ng	314019	4	11.36	1052160	20.0
Heneicosane	11.65	7.8	ng	409563	4	11.36	1052160	20.0
Hexadecanoic acid...	11.75	18.9	ng	995051	4	11.36	1052160	20.0
4H-Cyclopenta[def...	11.97	3.3	ng	175924	4	11.36	1052160	20.0
Eicosane	12.05	6.9	ng	361085	4	11.36	1052160	20.0
9,12-Octadecadien...	12.43	53.2	ng	2799910	4	11.36	1052160	20.0
9-Octadecenoic ac...	12.45	73.3	ng	3853280	4	11.36	1052160	20.0
Tetracosane	13.16	3.6	ng	252006	5	14.00	1379400	20.0
Benzo[e]pyrene	15.35	5.4	ng	178813	6	15.47	661366	20.0