

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116216.D
 Acq On : 13 Aug 2019 3:44
 Operator : HP/JU
 Sample : K4095-07 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-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-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	597	rBV	239411	413845	22.63%	1.732%
2	6.475	743	746	766	rBV	299254	509502	27.86%	2.133%
3	6.610	766	769	775	rVV	516704	506572	27.70%	2.121%
4	6.669	775	779	782	rVB2	36459	43831	2.40%	0.183%
5	6.834	804	807	815	rBV	714789	627966	34.34%	2.629%
6	6.992	830	834	844	rBV	415645	435206	23.80%	1.822%
7	7.398	900	903	906	rVV	211868	233781	12.79%	0.979%
8	7.428	906	908	912	rVV	126681	124053	6.78%	0.519%
9	7.481	912	917	920	rVB5	27787	41685	2.28%	0.175%
10	7.640	940	944	947	rVB2	46074	51979	2.84%	0.218%
11	7.734	952	960	962	rBV4	30095	47554	2.60%	0.199%
12	7.798	967	971	974	rVB3	37725	43882	2.40%	0.184%
13	7.857	978	981	987	rVB5	44993	81813	4.47%	0.342%
14	7.951	995	997	1000	rVB	40183	34455	1.88%	0.144%
15	8.075	1011	1018	1019	rBV4	23685	40251	2.20%	0.168%
16	8.116	1022	1025	1031	rVV	880152	913468	49.96%	3.824%
17	8.175	1031	1035	1038	rVV2	89176	123550	6.76%	0.517%
18	8.204	1038	1040	1047	rVB6	37131	48426	2.65%	0.203%
19	8.310	1056	1058	1061	rVB2	41656	40910	2.24%	0.171%
20	8.404	1070	1074	1081	rVV5	72383	108166	5.92%	0.453%
21	8.463	1081	1084	1086	rVV3	47635	44814	2.45%	0.188%
22	8.498	1086	1090	1092	rVV3	56167	63739	3.49%	0.267%
23	8.534	1092	1096	1098	rVV2	86419	77780	4.25%	0.326%
24	8.616	1107	1110	1113	rBV2	102382	96409	5.27%	0.404%
25	8.704	1122	1125	1129	rBV	301248	252042	13.78%	1.055%
26	8.775	1134	1137	1139	rVV2	59534	71440	3.91%	0.299%
27	8.804	1139	1142	1145	rVB3	45760	49665	2.72%	0.208%
28	8.939	1162	1165	1171	rBV2	90698	100888	5.52%	0.422%
29	9.069	1183	1187	1191	rVB3	63643	91461	5.00%	0.383%
30	9.110	1191	1194	1196	rBV2	50484	37646	2.06%	0.158%
31	9.134	1196	1198	1200	rVV	101086	78556	4.30%	0.329%
32	9.186	1204	1207	1212	rBV	730258	633650	34.65%	2.653%
33	9.269	1217	1221	1225	rBV	363854	325038	17.78%	1.361%
34	9.339	1231	1233	1236	rVB2	68384	58619	3.21%	0.245%

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35	9.504	1258	1261	1263	rBV4	35115	49229	2.69%	0.206%
36	9.528	1263	1265	1267	rVV2	78517	79387	4.34%	0.332%
37	9.545	1267	1268	1271	rVV3	60917	51299	2.81%	0.215%
38	9.592	1271	1276	1278	rVV4	174360	243356	13.31%	1.019%
39	9.616	1278	1280	1283	rVV2	79677	80821	4.42%	0.338%
40	9.651	1283	1286	1288	rVB2	80178	69450	3.80%	0.291%
41	9.733	1297	1300	1304	rBV	201655	197035	10.78%	0.825%
42	9.798	1308	1311	1316	rVB	382602	297075	16.25%	1.244%
43	9.869	1320	1323	1327	rVB	1007118	876200	47.92%	3.668%
44	9.975	1338	1341	1344	rBV4	38469	37491	2.05%	0.157%
45	10.028	1347	1350	1353	rBV2	53296	75905	4.15%	0.318%
46	10.057	1353	1355	1357	rVV2	56084	59101	3.23%	0.247%
47	10.086	1357	1360	1362	rVV3	55230	57713	3.16%	0.242%
48	10.122	1362	1366	1369	rVV3	95197	125274	6.85%	0.524%
49	10.157	1369	1372	1374	rVB2	48764	42898	2.35%	0.180%
50	10.186	1374	1377	1381	rBV4	47925	76330	4.17%	0.320%
51	10.239	1384	1386	1390	rVB3	42321	41979	2.30%	0.176%
52	10.298	1390	1396	1399	rBV	412679	375654	20.54%	1.573%
53	10.351	1403	1405	1410	rVB6	38898	53478	2.92%	0.224%
54	10.428	1410	1418	1426	rBV7	50806	145104	7.94%	0.607%
55	10.516	1429	1433	1439	rVB	147640	199523	10.91%	0.835%
56	10.569	1439	1442	1445	rBV2	48073	40741	2.23%	0.171%
57	10.604	1445	1448	1451	rVB2	36089	37706	2.06%	0.158%
58	10.633	1451	1453	1456	rVB2	56791	40272	2.20%	0.169%
59	10.663	1456	1458	1465	rBV	202245	262277	14.34%	1.098%
60	10.769	1473	1476	1485	rVB	402235	483305	26.43%	2.023%
61	10.963	1506	1509	1513	rBV4	43837	75520	4.13%	0.316%
62	10.998	1513	1515	1518	rVB2	60413	49171	2.69%	0.206%
63	11.216	1549	1552	1555	rBV	331040	276782	15.14%	1.159%
64	11.245	1555	1557	1563	rVB2	148872	180202	9.86%	0.754%
65	11.357	1573	1576	1579	rBV	849636	817637	44.72%	3.423%
66	11.380	1579	1580	1587	rVV	245051	272241	14.89%	1.140%
67	11.439	1587	1590	1593	rVV	101763	125186	6.85%	0.524%
68	11.486	1596	1598	1602	rVV3	44785	46990	2.57%	0.197%
69	11.528	1602	1605	1608	rVV3	40743	38382	2.10%	0.161%
70	11.598	1614	1617	1621	rBV3	65270	85020	4.65%	0.356%
71	11.639	1621	1624	1627	rVV	255693	229417	12.55%	0.960%

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72	11.745	1638	1642	1645	rVB	646627	582955	31.88%	2.440%
73	11.804	1650	1652	1658	rBV4	28062	49260	2.69%	0.206%
74	11.892	1664	1667	1672	rVB2	67773	90716	4.96%	0.380%
75	11.939	1672	1675	1678	rBV	49079	54911	3.00%	0.230%
76	11.975	1678	1681	1684	rBV	88395	98826	5.40%	0.414%
77	12.051	1691	1694	1697	rBV	220144	182671	9.99%	0.765%
78	12.333	1740	1742	1745	rVB2	43232	37531	2.05%	0.157%
79	12.427	1752	1758	1760	rBV	1626358	1679681	91.86%	7.031%
80	12.451	1760	1762	1768	rVB	2080833	1828529	100.00%	7.655%
81	12.533	1773	1776	1780	rVB	305619	246116	13.46%	1.030%
82	12.575	1780	1783	1788	rBV	719790	660189	36.10%	2.764%
83	12.674	1797	1800	1803	rVB	83341	72763	3.98%	0.305%
84	12.804	1817	1822	1829	rVB	775482	783867	42.87%	3.281%
85	12.857	1829	1831	1835	rVB2	38065	41202	2.25%	0.172%
86	12.939	1841	1845	1848	rBV	597479	548749	30.01%	2.297%
87	13.016	1855	1858	1864	rBV5	65529	134529	7.36%	0.563%
88	13.133	1876	1878	1881	rVB	123796	96933	5.30%	0.406%
89	13.163	1881	1883	1887	rBV	95425	121566	6.65%	0.509%
90	13.198	1887	1889	1892	rVB	91135	76049	4.16%	0.318%
91	13.239	1892	1896	1898	rBV2	90913	118803	6.50%	0.497%
92	13.363	1914	1917	1919	rBV	62969	66643	3.64%	0.279%
93	13.504	1939	1941	1944	rBV	79959	73144	4.00%	0.306%
94	13.810	1990	1993	1994	rBV	63010	65051	3.56%	0.272%
95	14.004	2021	2026	2029	rBV2	981679	1312336	71.77%	5.494%
96	14.027	2029	2030	2035	rVB	390714	306220	16.75%	1.282%
97	15.045	2200	2203	2207	rBV	399797	602531	32.95%	2.522%
98	15.351	2252	2255	2261	rVB	226428	266200	14.56%	1.114%
99	15.415	2262	2266	2271	rVB	336803	416536	22.78%	1.744%
100	15.474	2272	2276	2280	rBV	433425	525693	28.75%	2.201%

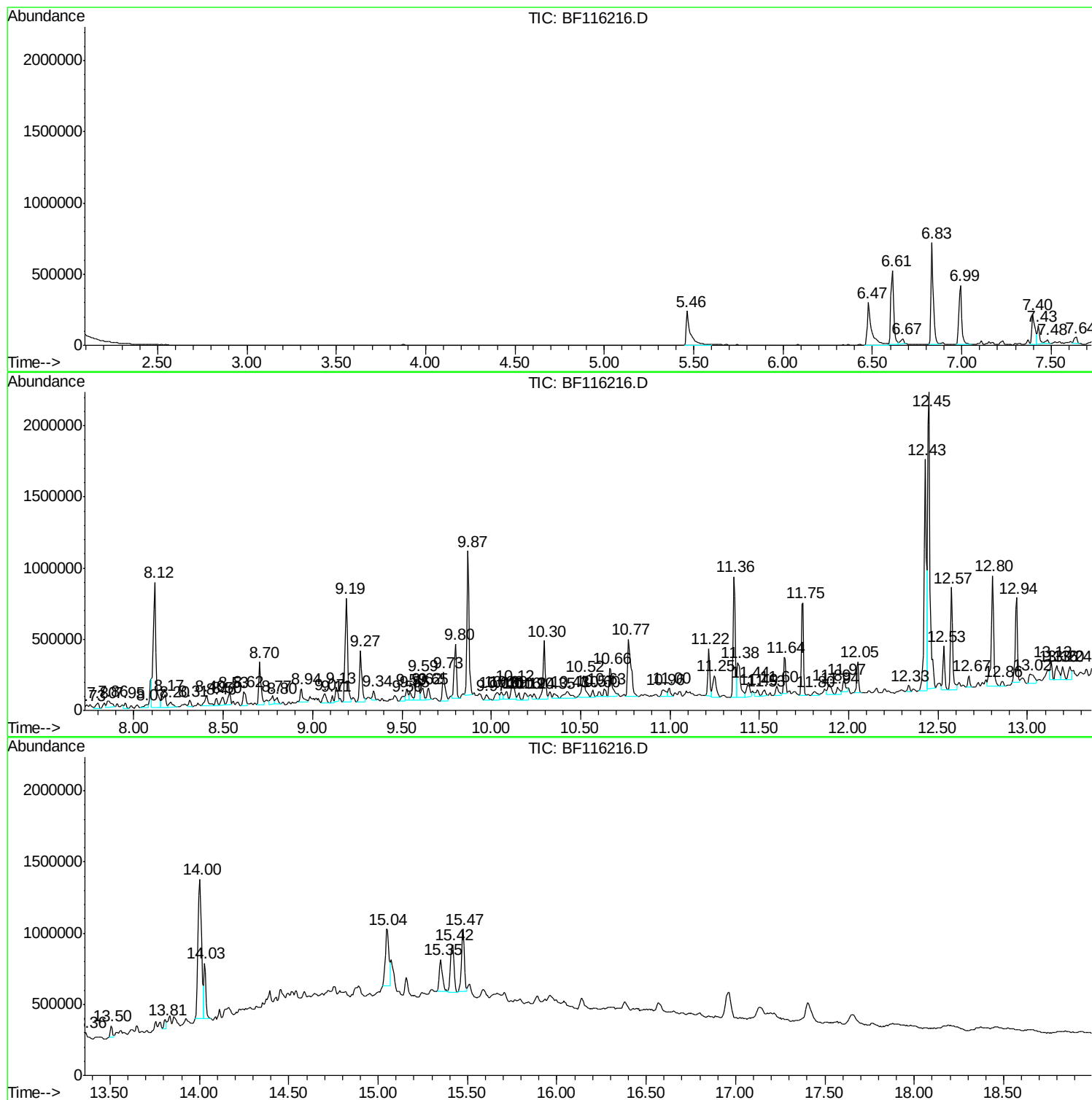
Sum of corrected areas: 23887993

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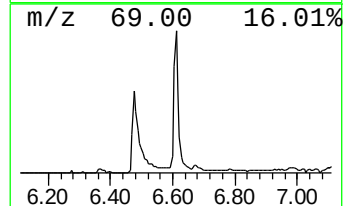
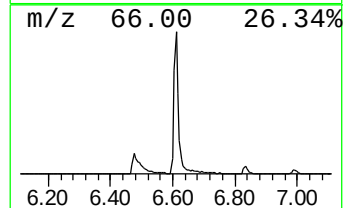
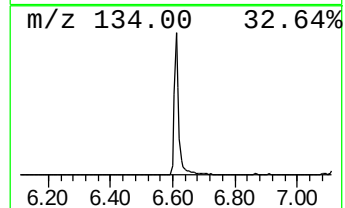
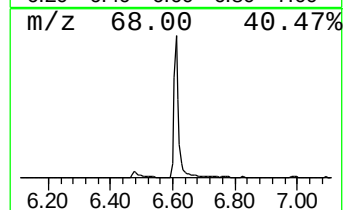
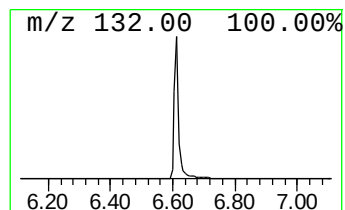
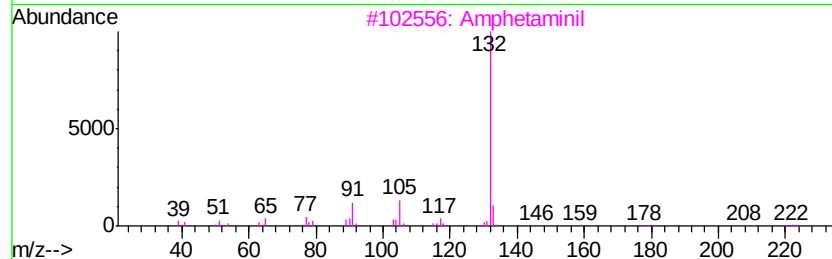
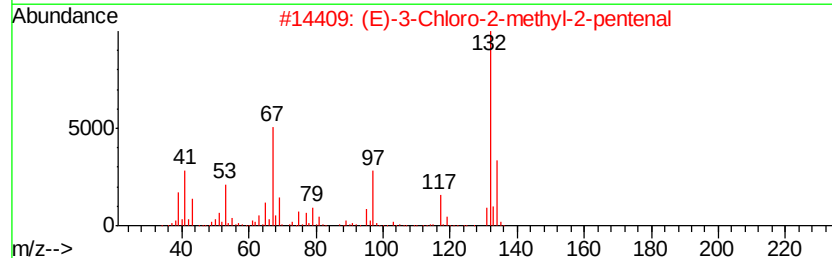
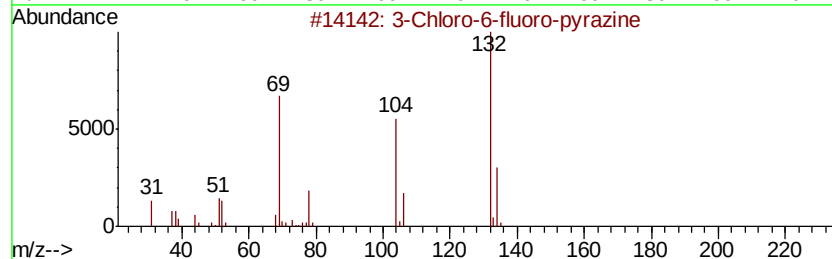
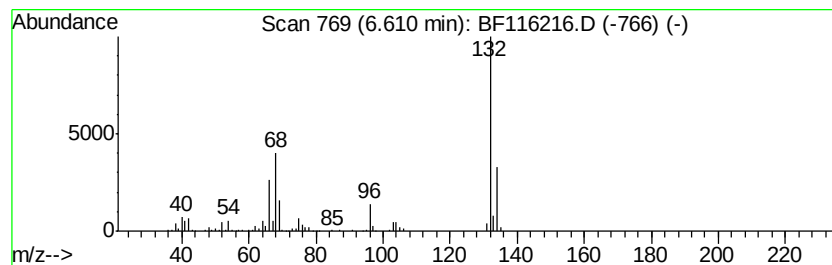
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	16.13 ng	506572	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	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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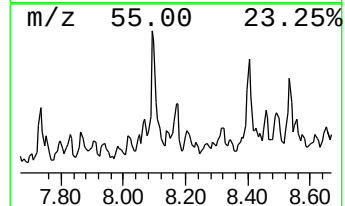
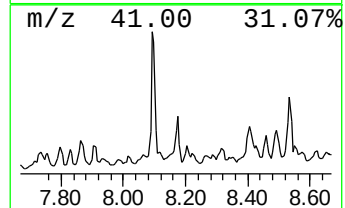
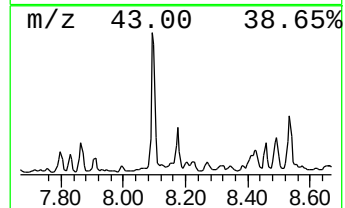
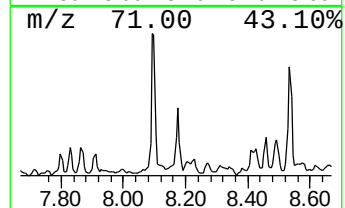
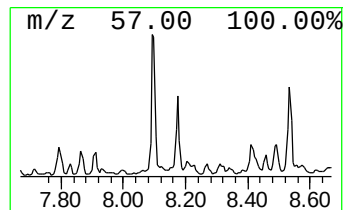
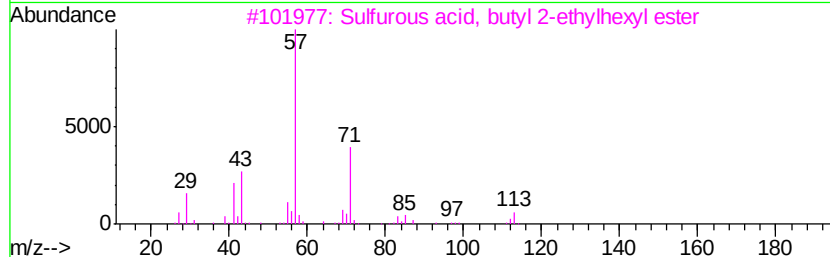
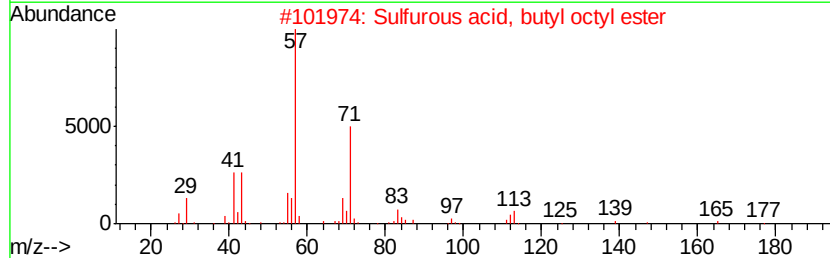
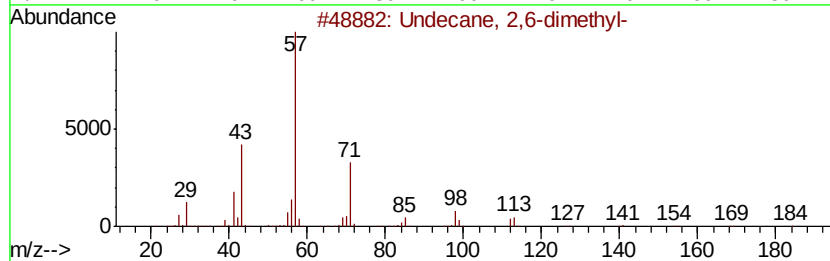
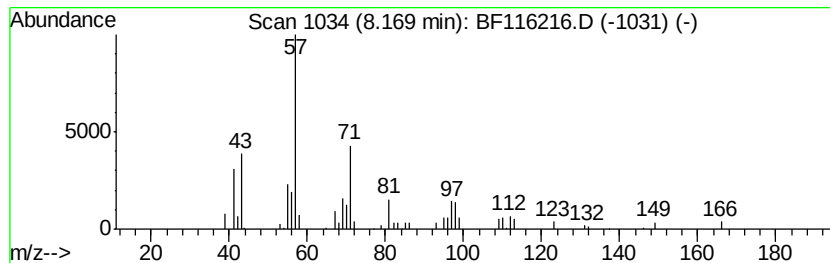
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.71 ng	123550	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4		Octyl thio glycolate	204	C10H20O2S	007664-80-4	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



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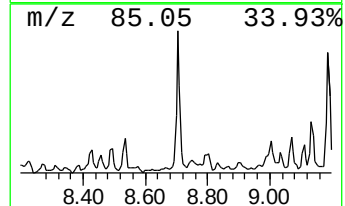
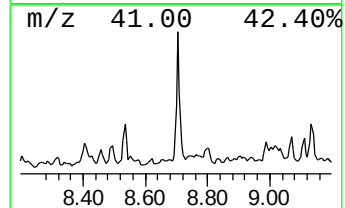
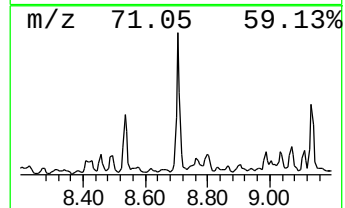
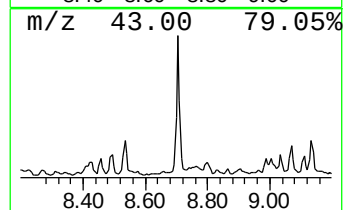
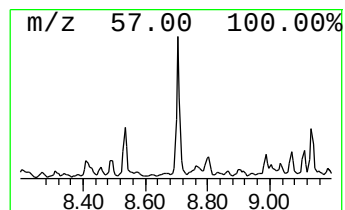
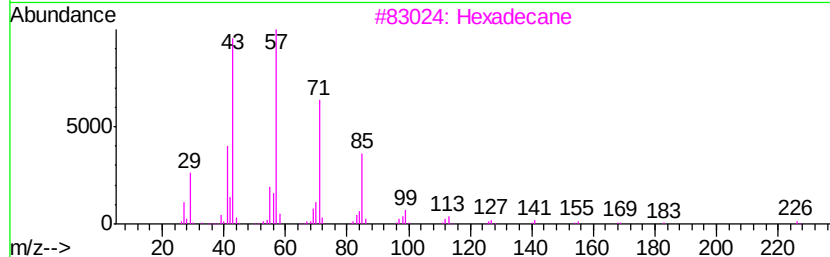
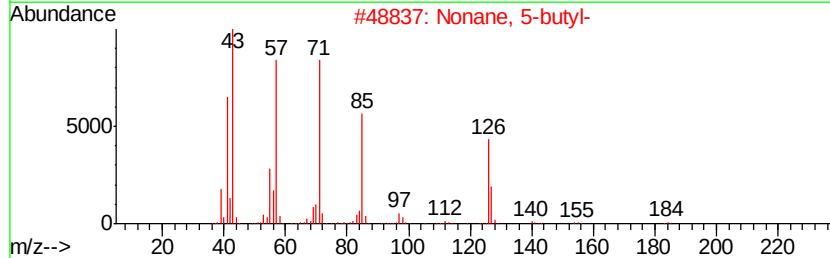
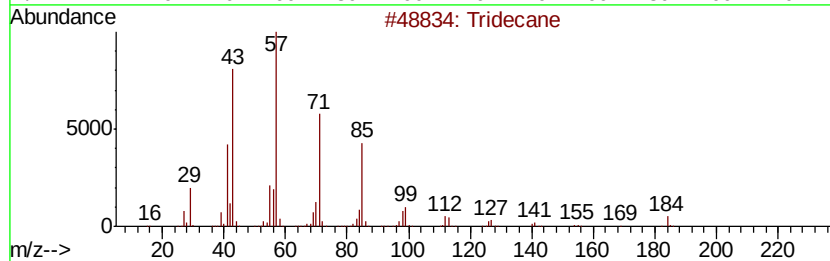
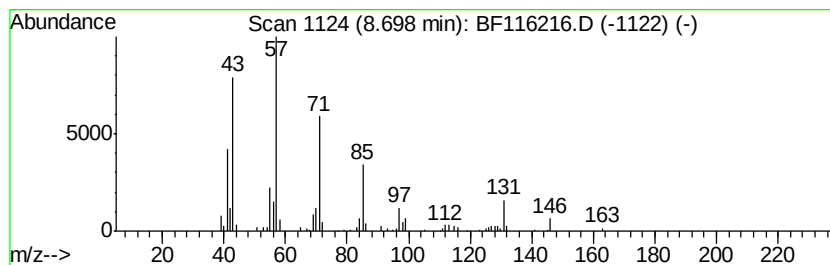
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Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	5.52 ng	252042	Napthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	89
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80



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Data File : BF116216.D
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Operator : HP/JU
Sample : K4095-07 5X
Misc :
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Instrument :
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ClientSampleId :
SU-04-080919-B

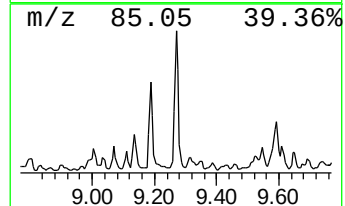
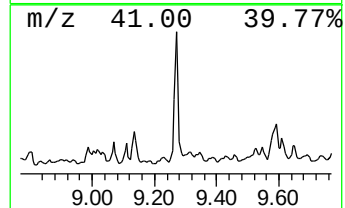
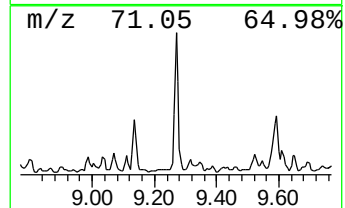
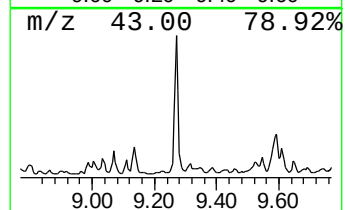
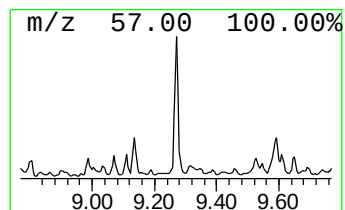
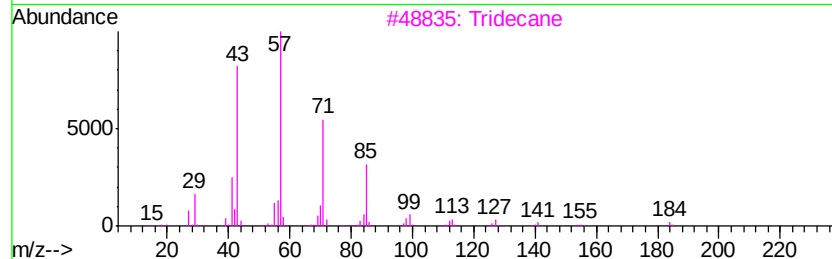
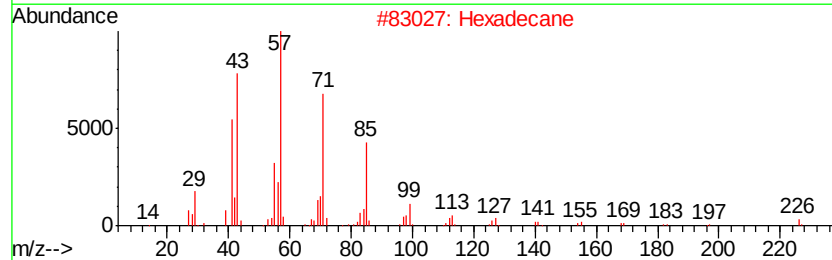
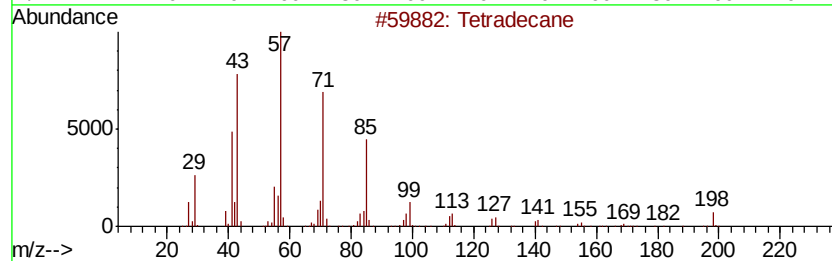
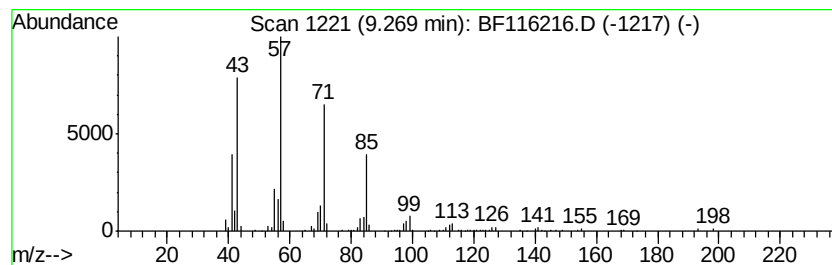
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	7.42 ng	325038	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
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Instrument :
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ClientSampleId :
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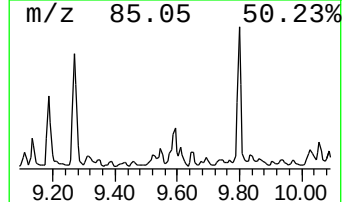
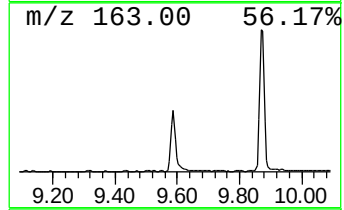
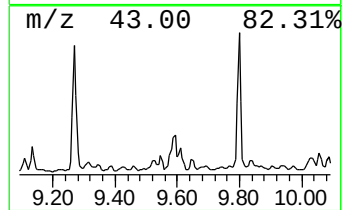
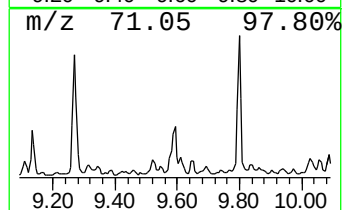
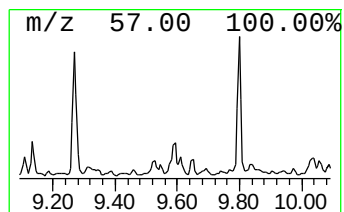
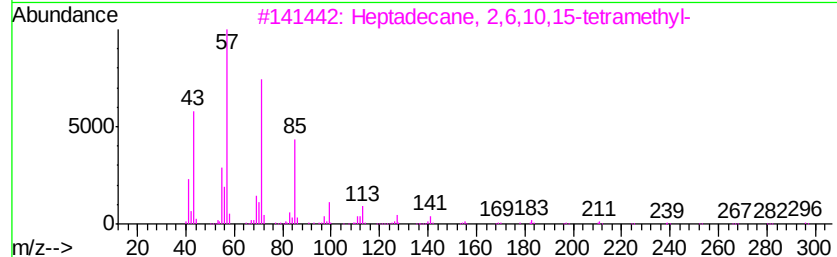
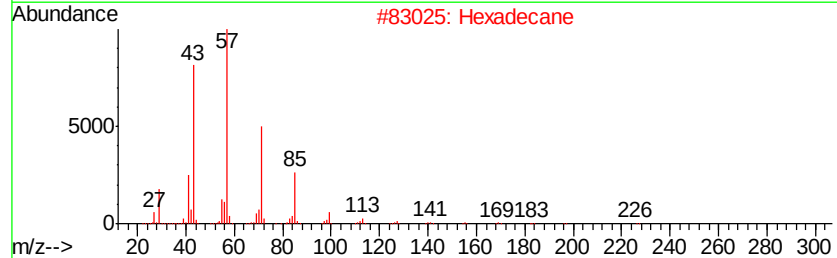
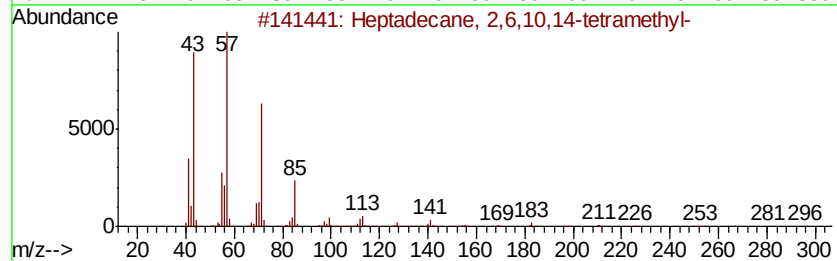
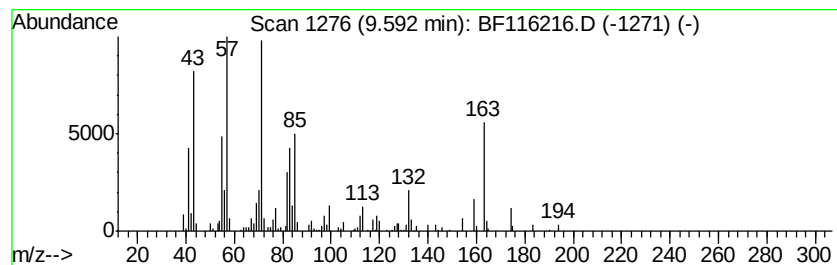
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	5.55 ng	243356	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38
2			Hexadecane	226	C16H34	000544-76-3	38
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4			Tridecane	184	C13H28	000629-50-5	38
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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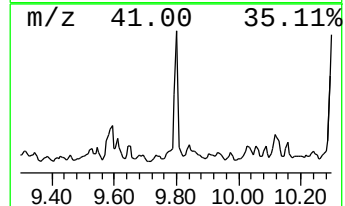
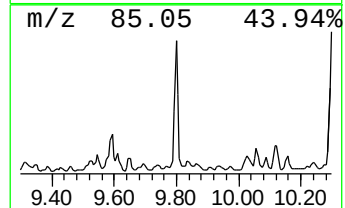
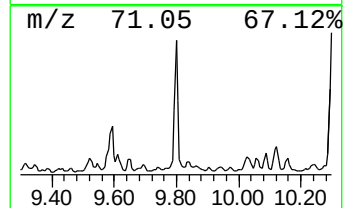
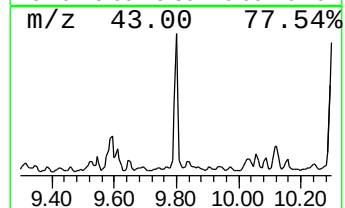
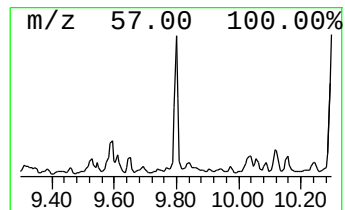
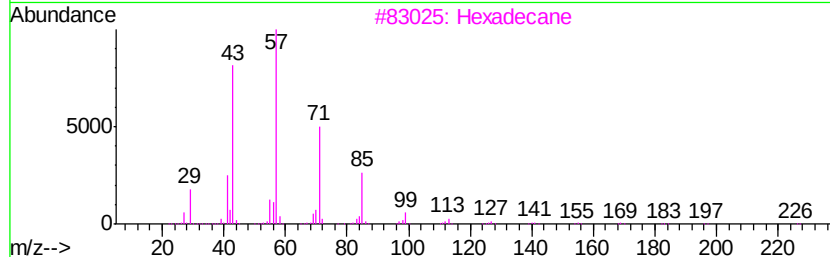
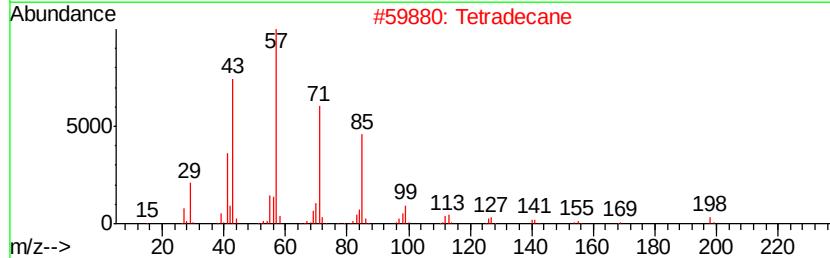
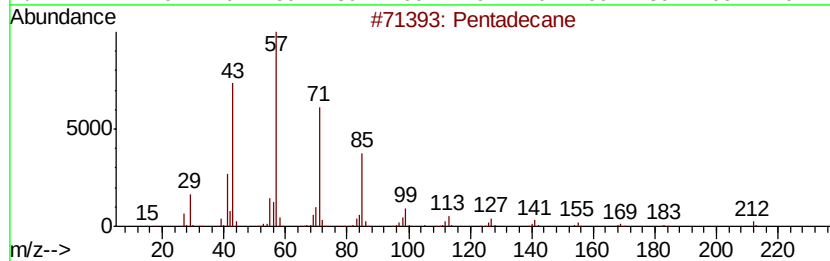
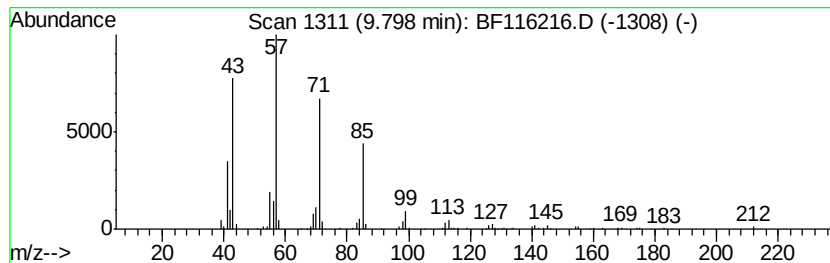
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	6.78 ng	297075	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tetradecane	198	C14H30	000629-59-4	91
3		Hexadecane	226	C16H34	000544-76-3	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
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Sample : K4095-07 5X
Misc :
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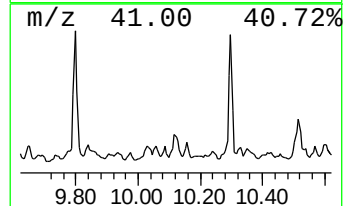
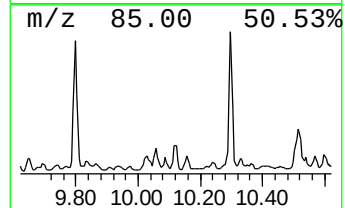
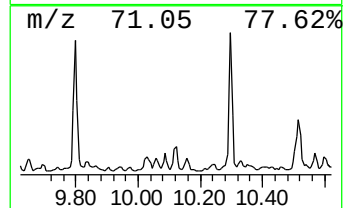
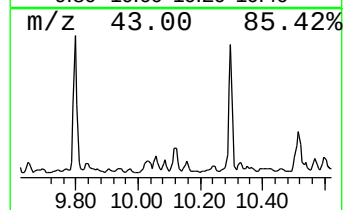
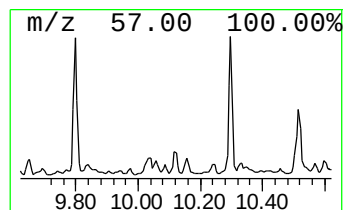
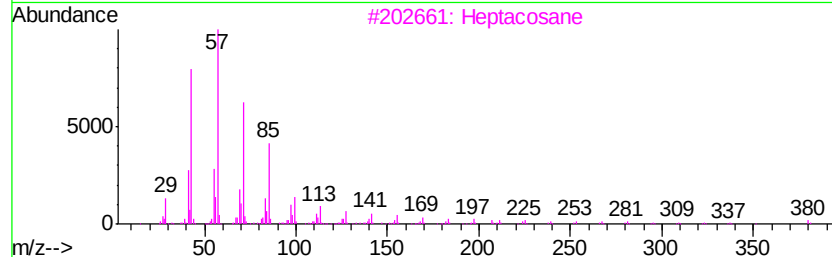
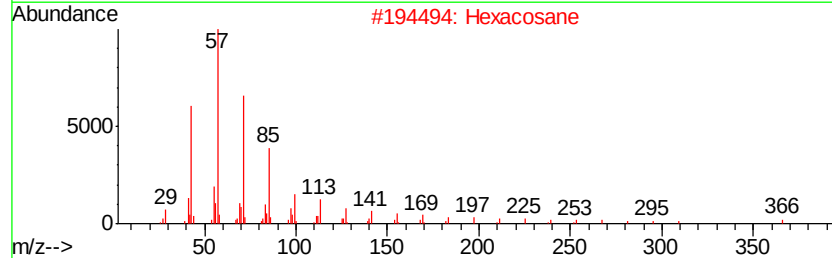
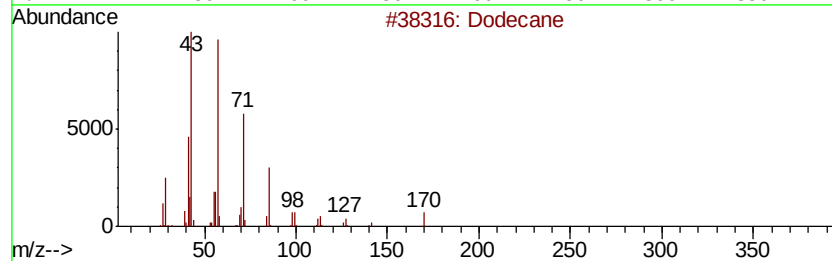
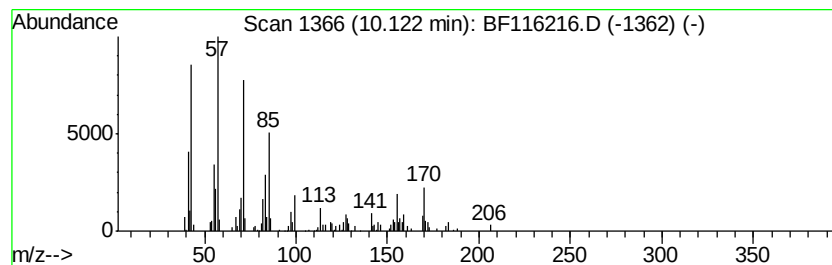
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.12	2.86 ng	125274	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Hexacosane	366	C26H54	000630-01-3	68
3	Heptacosane	380	C27H56	000593-49-7	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Pentacosane	352	C25H52	000629-99-2	64



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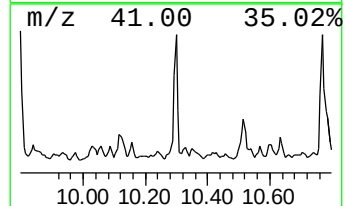
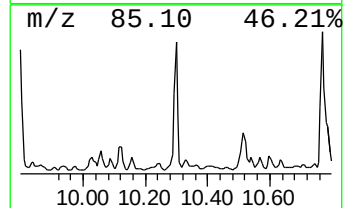
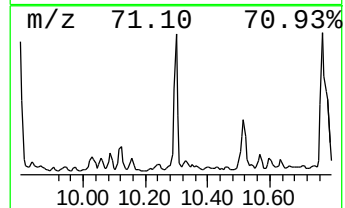
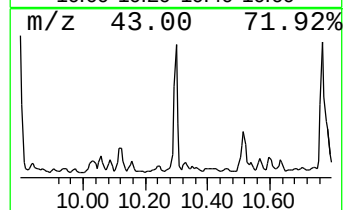
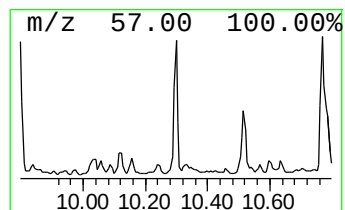
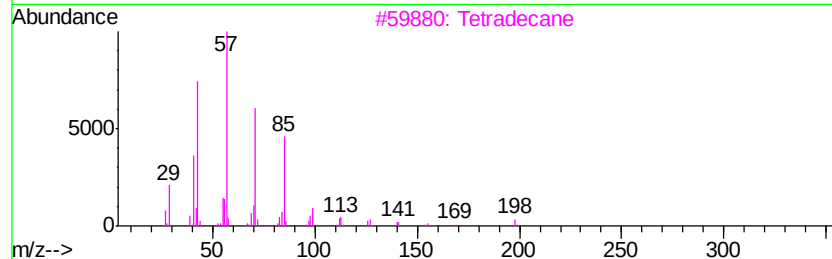
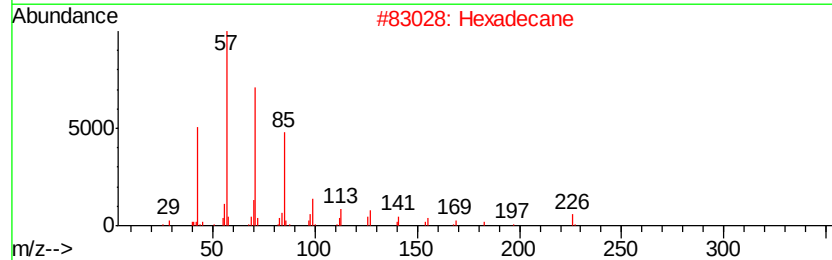
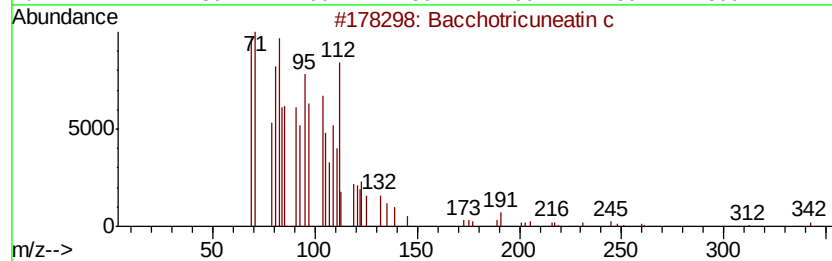
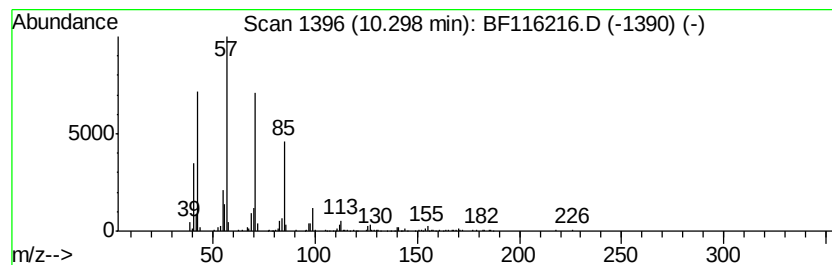
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.30	8.57 ng	375654	Acenaphthene-d10		9.87	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Hexadecane	226	C16H34	000544-76-3	95
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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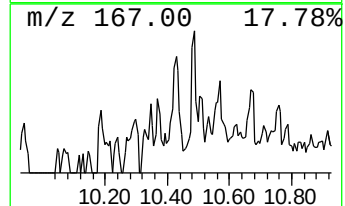
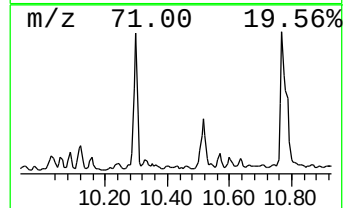
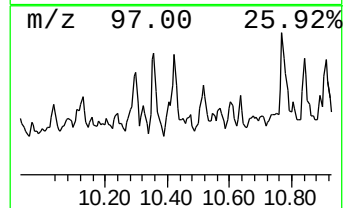
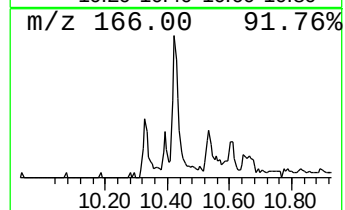
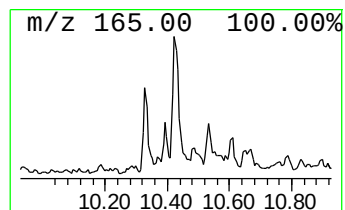
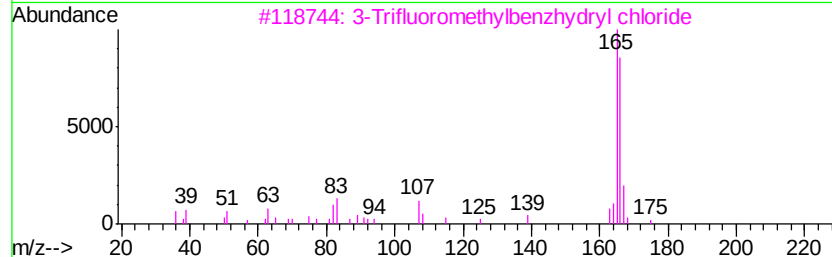
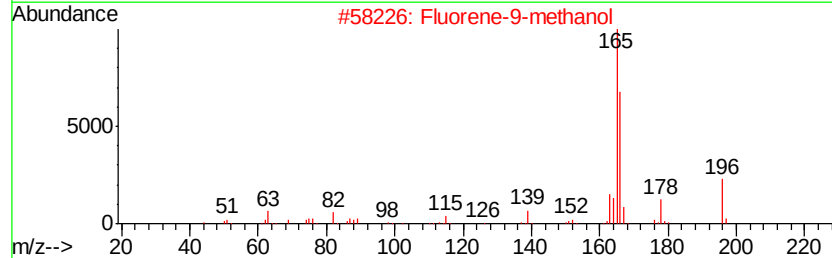
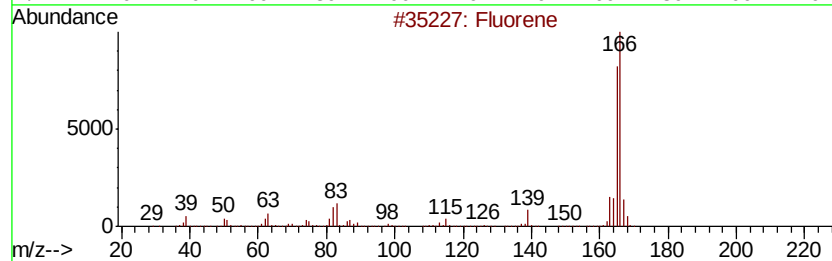
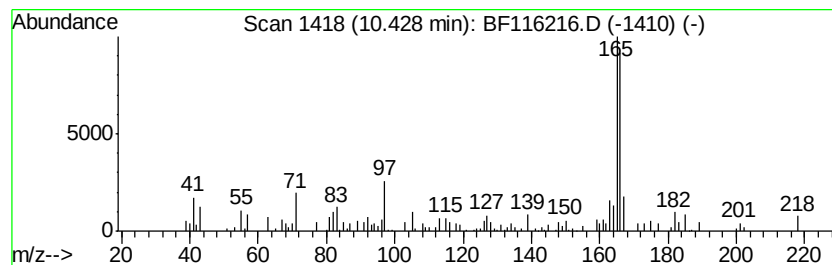
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluorene-9-methanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.31 ng	145104	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Fluorene		166 C13H10	000086-73-7 93
2	Fluorene-9-methanol		196 C14H12O	024324-17-2 59
3	3-Trifluoromethylbenzhydryl chlo...		270 C14H10ClF3	067240-79-3 58
4	Benzaldehyde, 2,4-dihydroxy-3,6-...		166 C9H10O3	034883-14-2 50
5	Benzene, 1,1'-(diazomethylene)bis-		194 C13H10N2	000883-40-9 45



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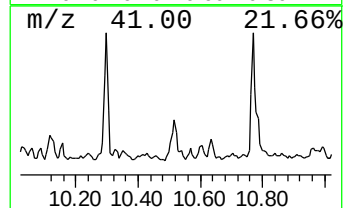
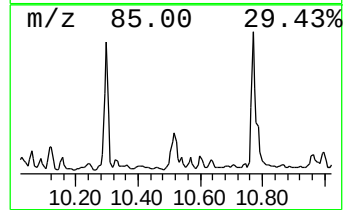
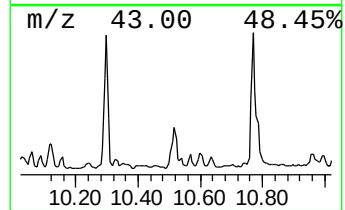
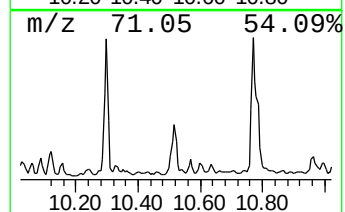
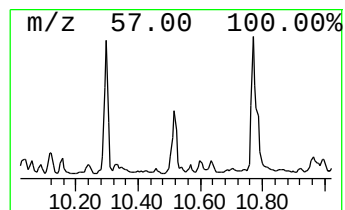
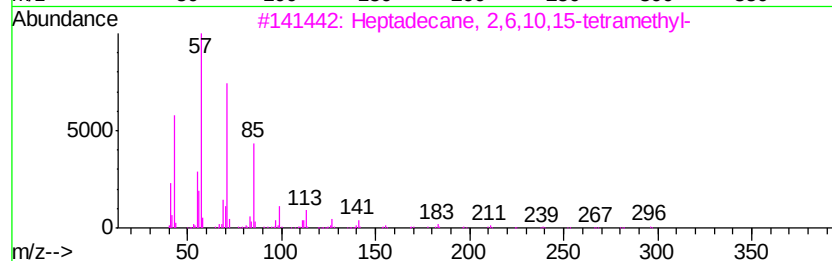
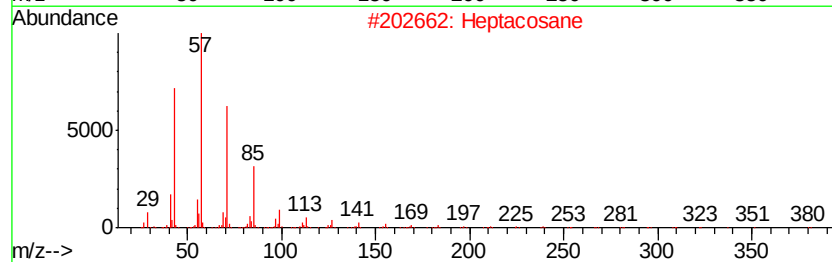
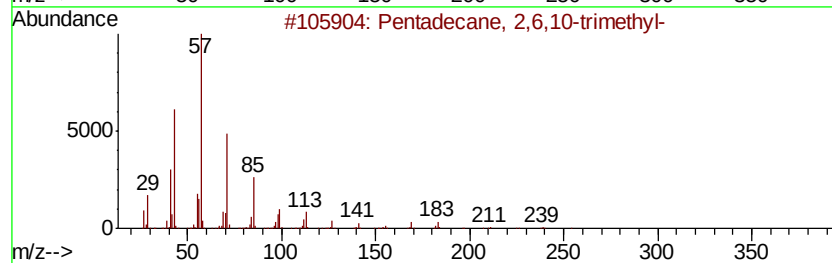
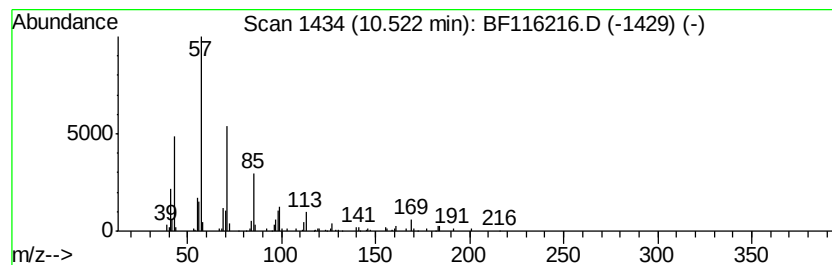
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.55 ng	199523	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 83
2		Heptacosane	380 C27H56	000593-49-7 80
3		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 64
4		Dodecane, 1-iodo-	296 C12H25I	004292-19-7 64
5		Octacosane	394 C28H58	000630-02-4 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

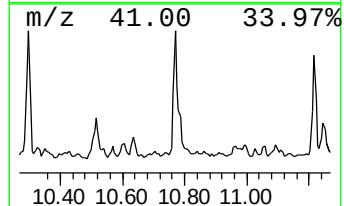
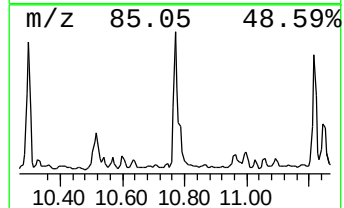
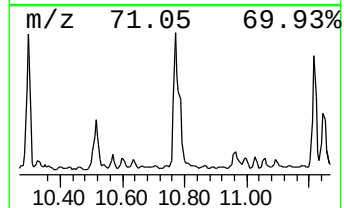
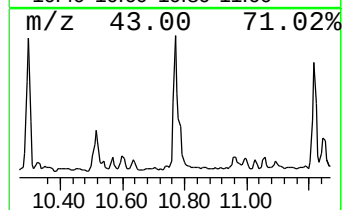
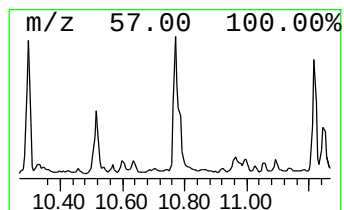
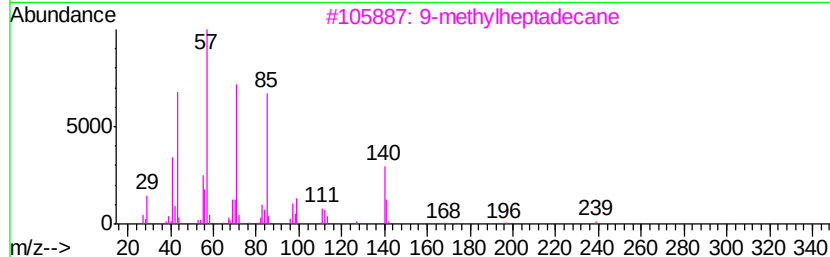
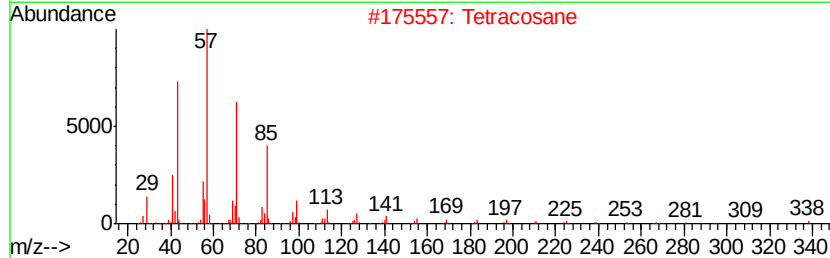
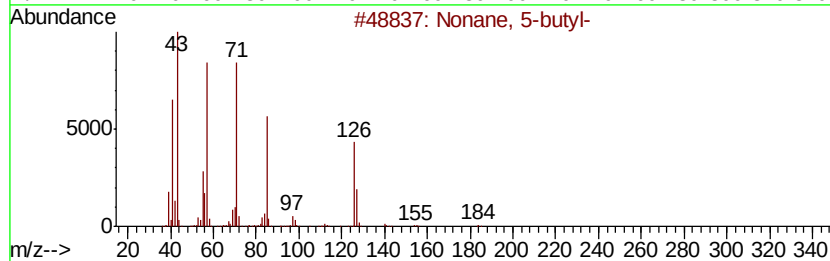
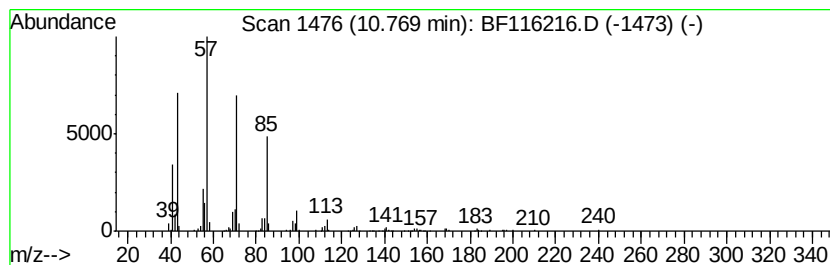
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonane, 5-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.77	11.82 ng	483305	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Sample : K4095-07 5X
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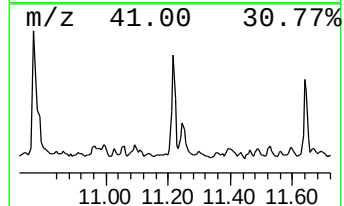
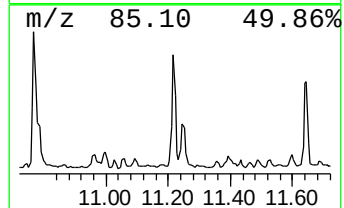
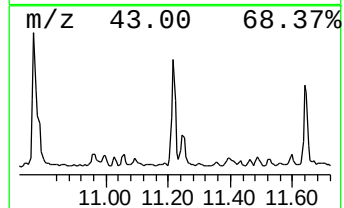
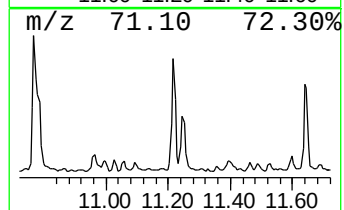
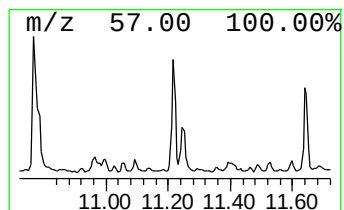
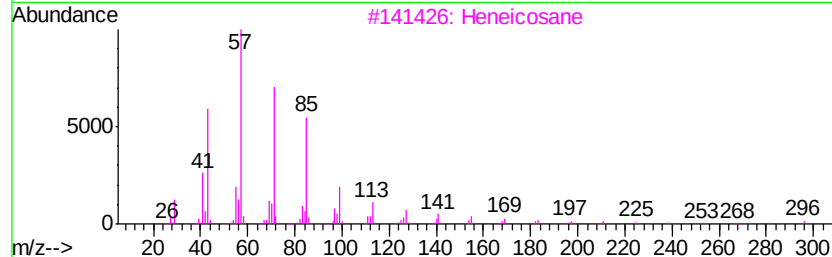
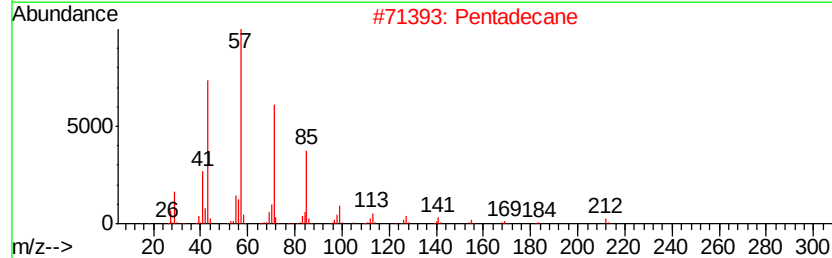
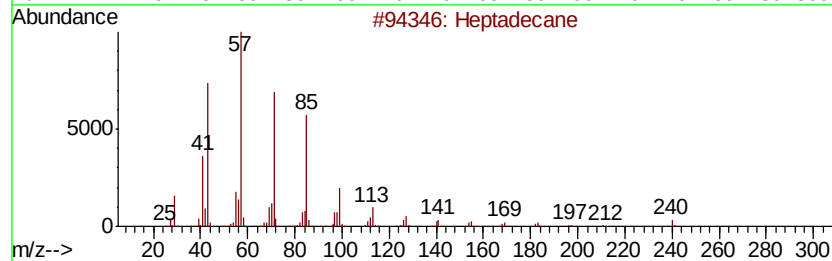
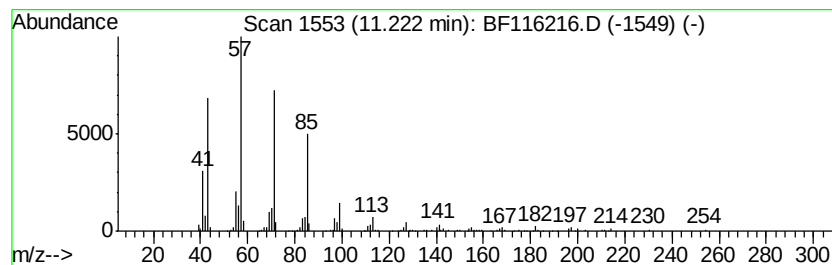
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.22	6.77 ng	276782	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-080919-B

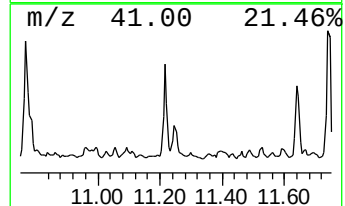
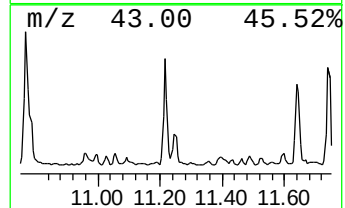
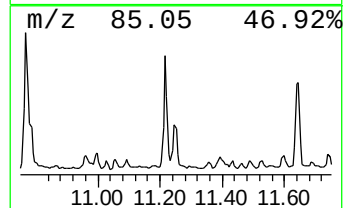
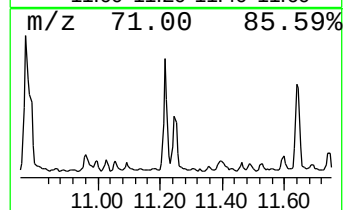
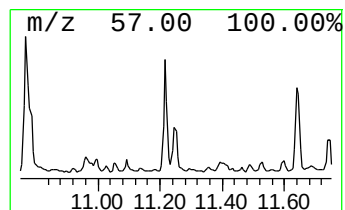
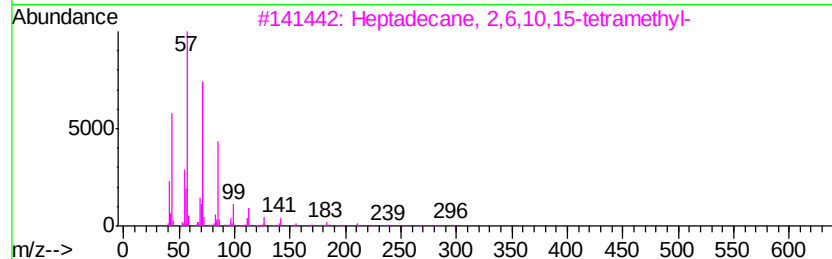
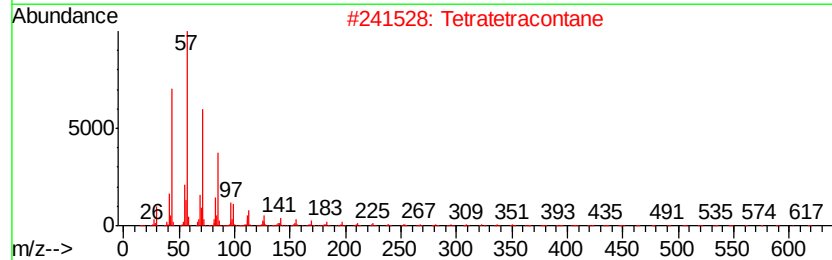
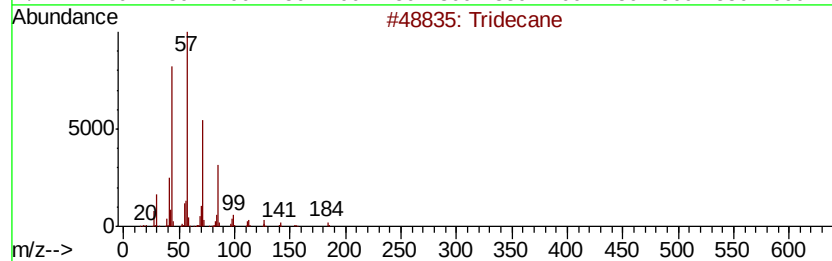
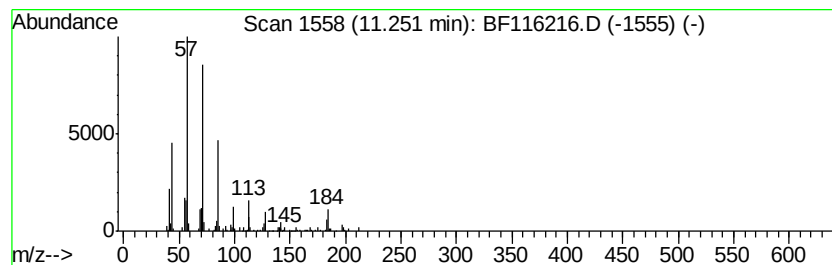
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.41 ng	180202	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Octacosane	394	C28H58	000630-02-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Operator : HP/JU
Sample : K4095-07 5X
Misc :
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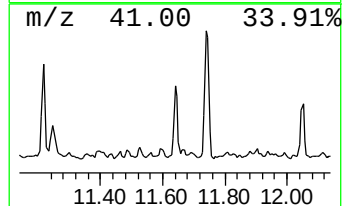
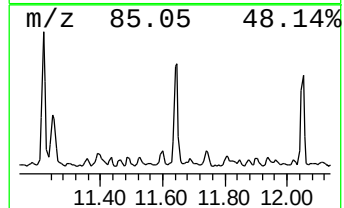
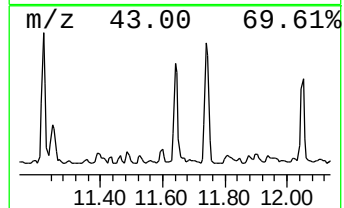
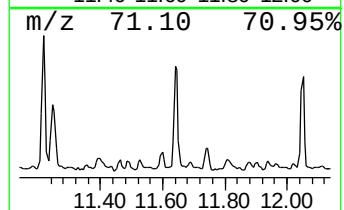
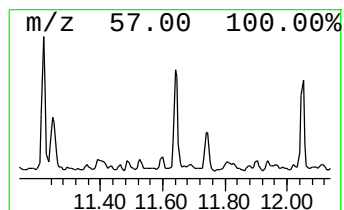
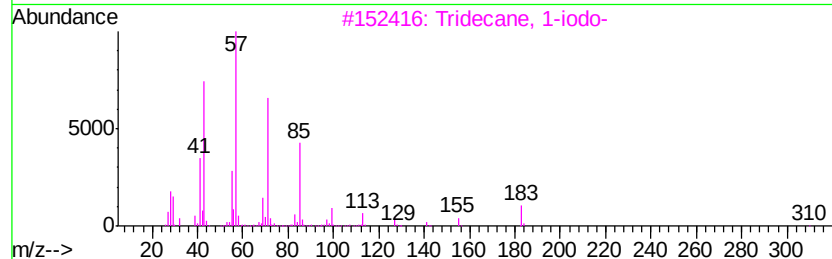
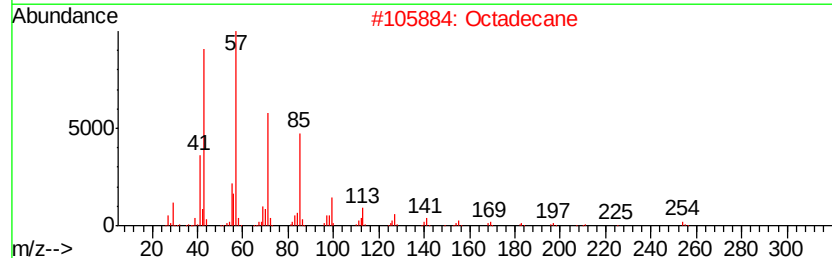
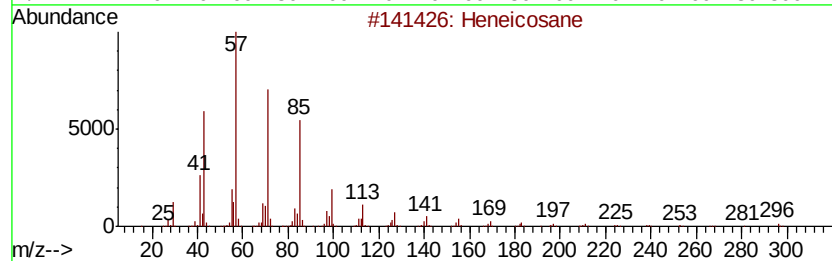
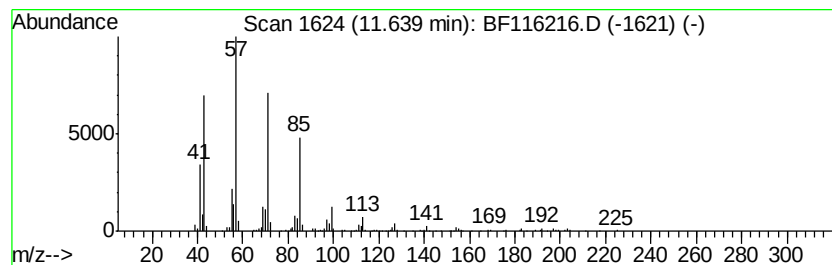
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.64	5.61 ng	229417	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



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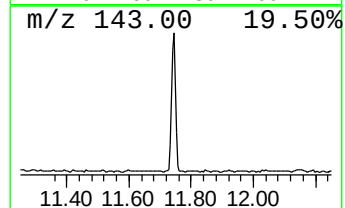
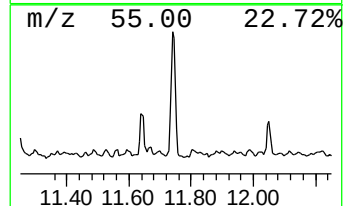
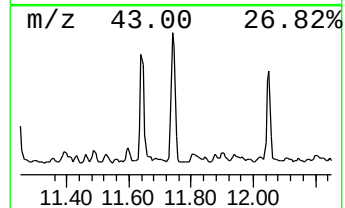
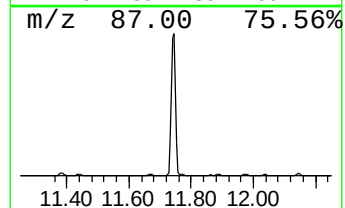
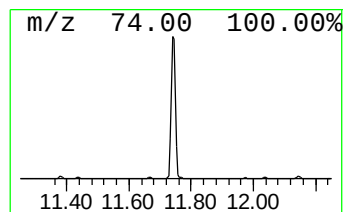
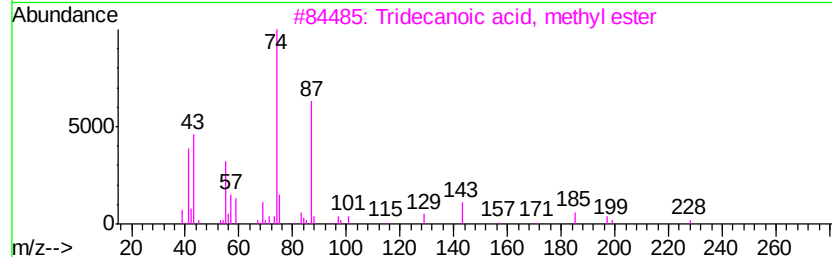
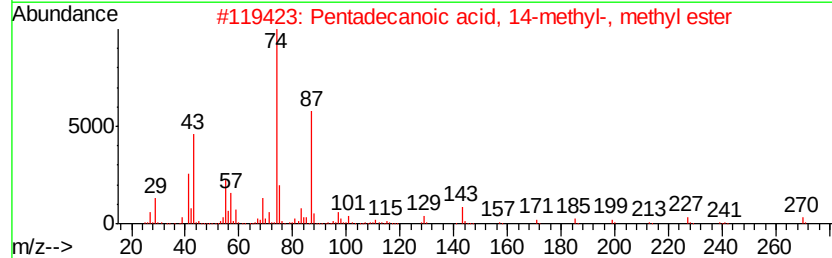
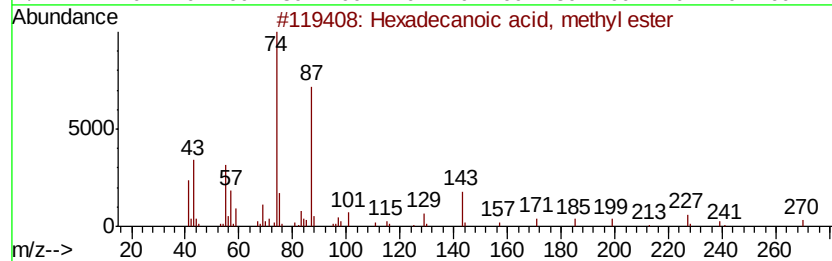
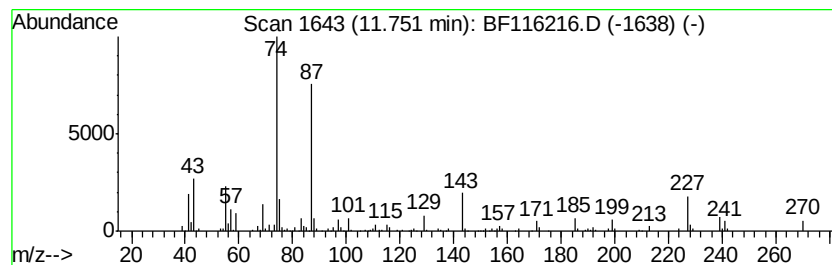
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.26 ng	582955	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
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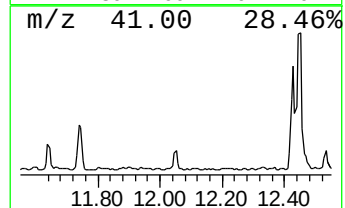
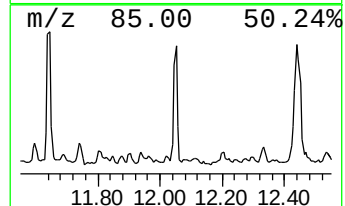
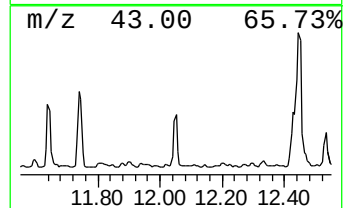
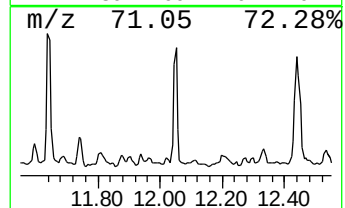
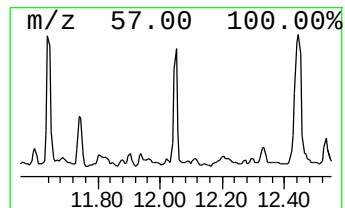
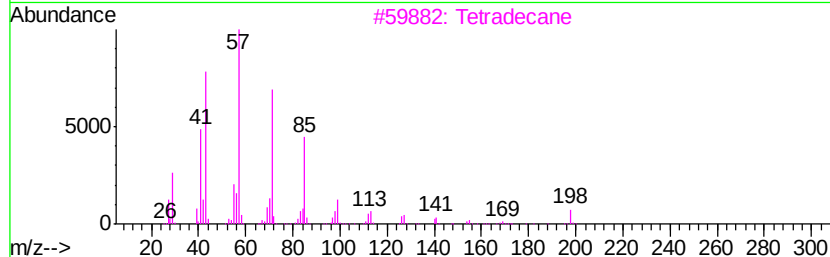
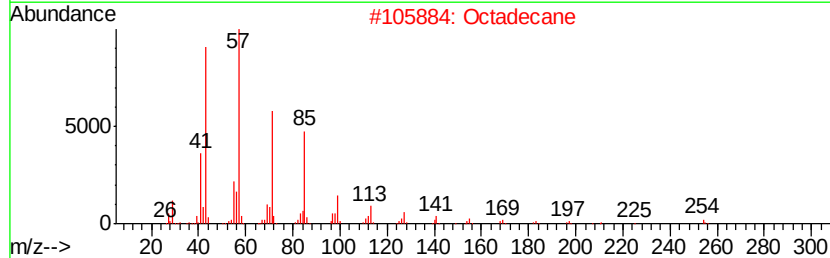
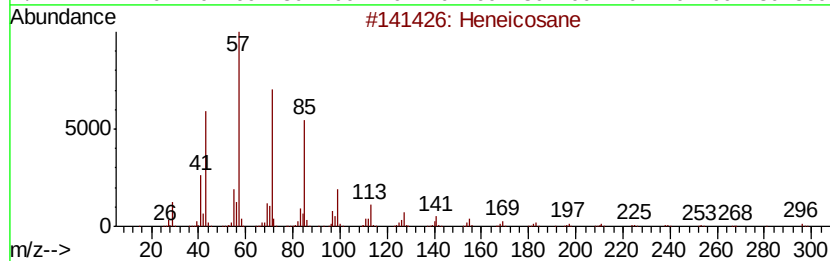
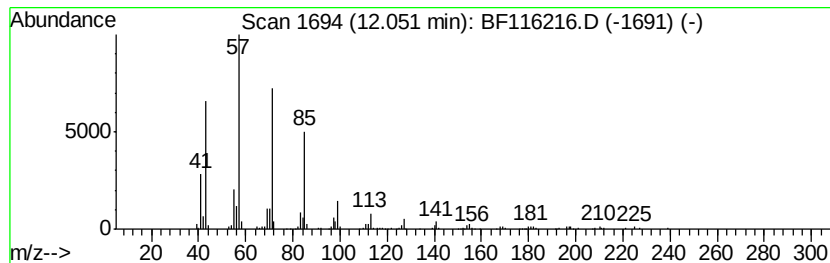
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.47 ng	182671	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Acq On : 13 Aug 2019 3:44
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ClientSampleId :
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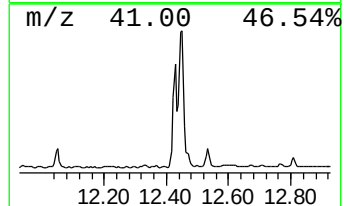
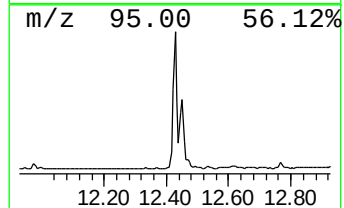
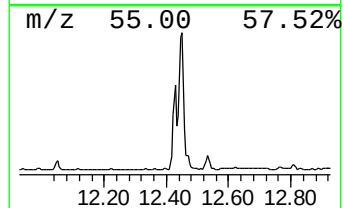
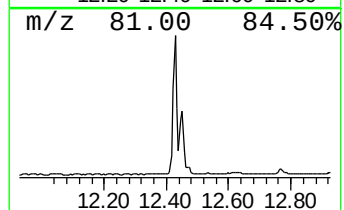
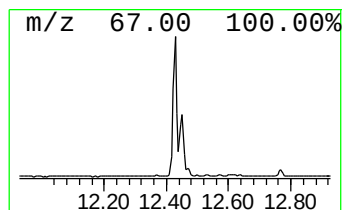
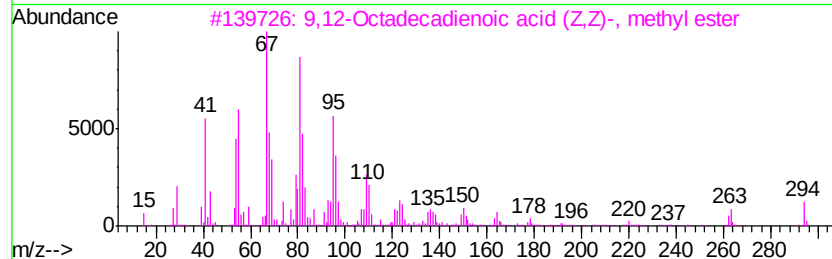
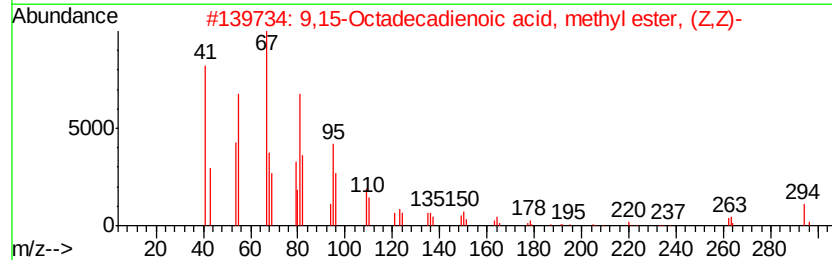
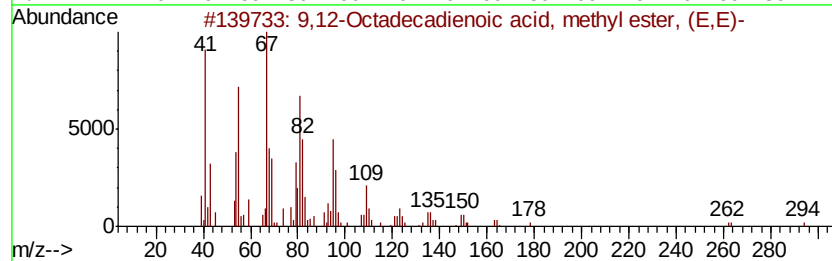
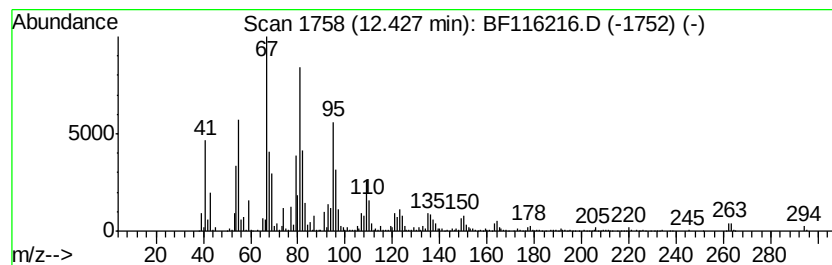
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	41.09 ng	1679680	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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

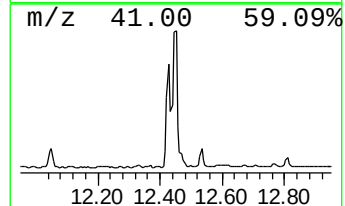
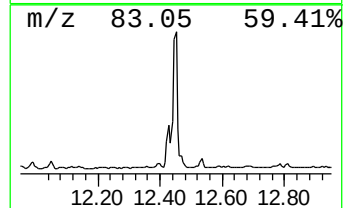
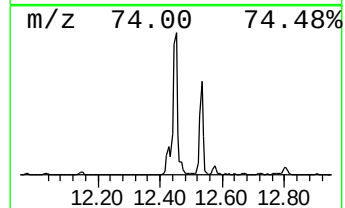
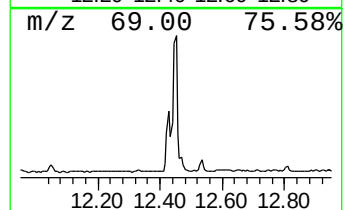
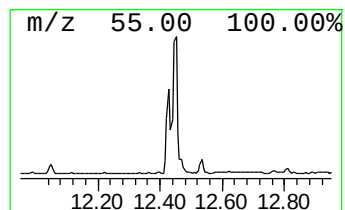
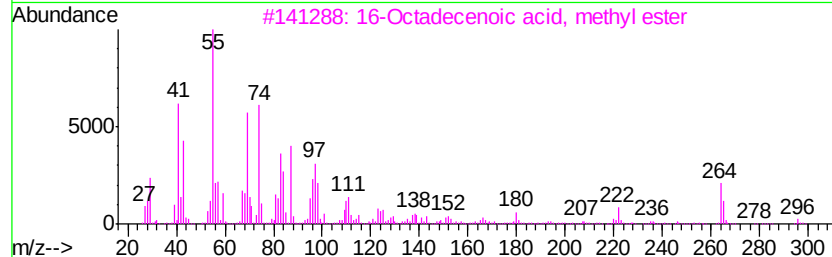
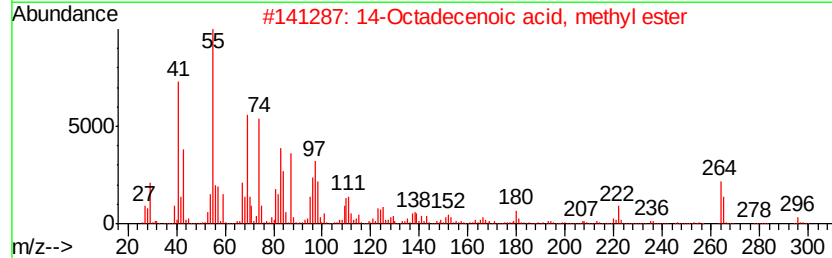
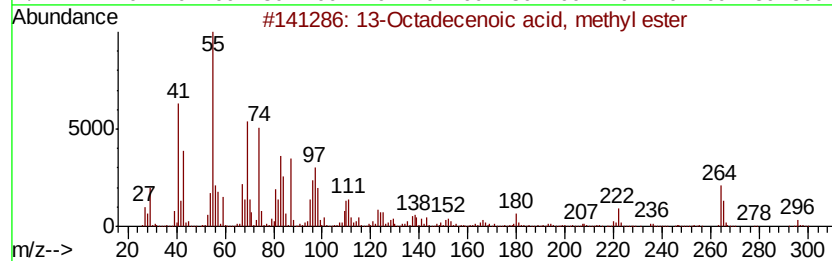
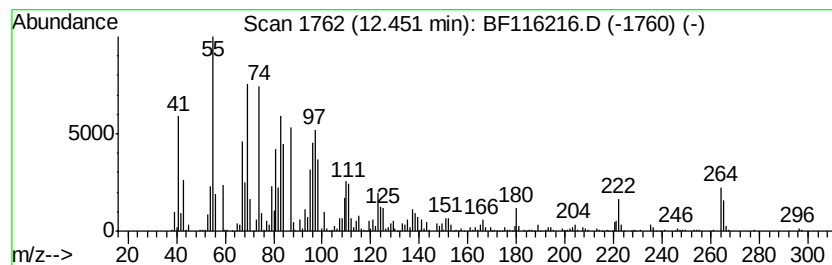
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	44.73 ng	1828530	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

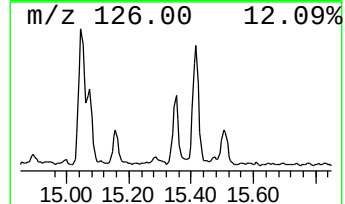
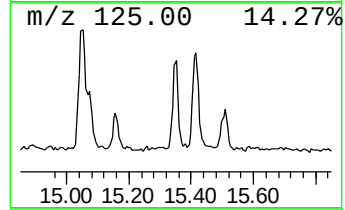
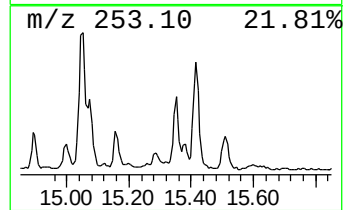
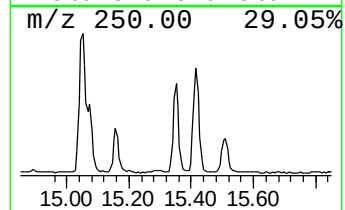
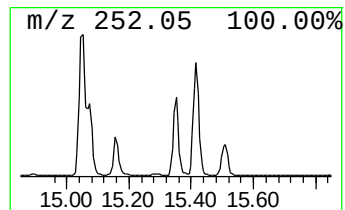
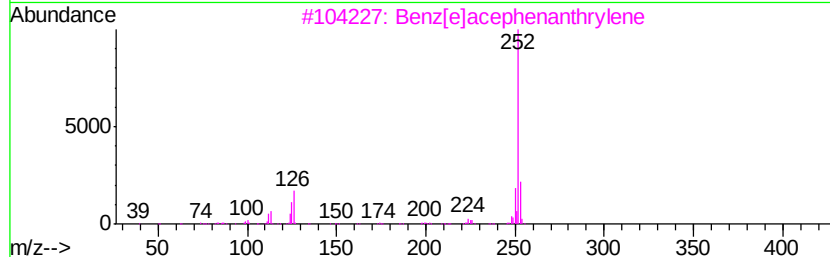
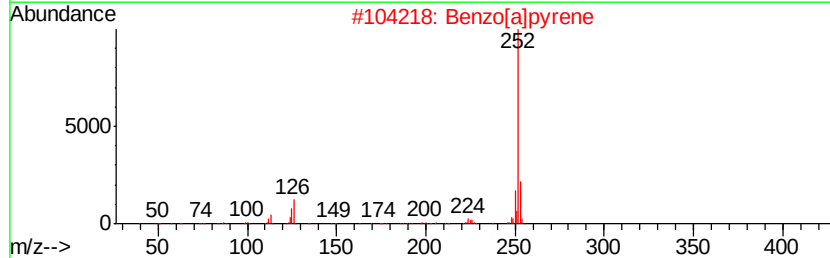
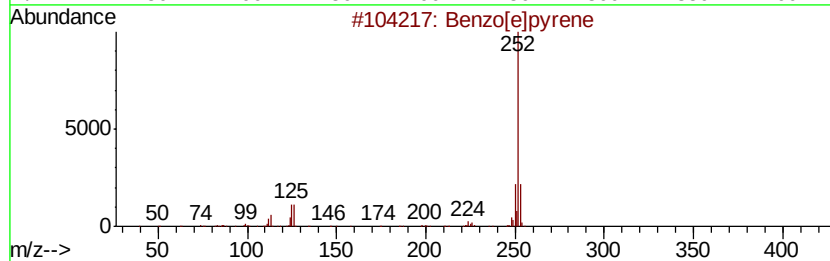
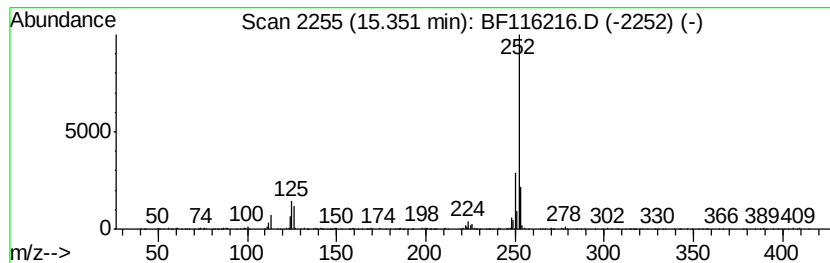
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.35	10.13 ng	266200	Perylene-d12	15.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116216.D
 Acq On : 13 Aug 2019 3:44
 Operator : HP/JU
 Sample : K4095-07 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

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	16.1	ng	506572	1	6.83	627966	20.0
Undecane, 2,6-dim...	8.17	2.7	ng	123550	2	8.12	913468	20.0
Tridecane	8.70	5.5	ng	252042	2	8.12	913468	20.0
Tetradecane	9.27	7.4	ng	325038	3	9.87	876200	20.0
unknown9.59	9.59	5.5	ng	243356	3	9.87	876200	20.0
Pentadecane	9.80	6.8	ng	297075	3	9.87	876200	20.0
Dodecane	10.12	2.9	ng	125274	3	9.87	876200	20.0
Bacchotricuneatin c	10.30	8.6	ng	375654	3	9.87	876200	20.0
Fluorene-9-methanol	10.43	3.3	ng	145104	3	9.87	876200	20.0
Pentadecane, 2,6,...	10.52	4.5	ng	199523	3	9.87	876200	20.0
Nonane, 5-butyl-	10.77	11.8	ng	483305	4	11.36	817637	20.0
Heptadecane	11.22	6.8	ng	276782	4	11.36	817637	20.0
Tetratetracontane	11.25	4.4	ng	180202	4	11.36	817637	20.0
Octadecane	11.64	5.6	ng	229417	4	11.36	817637	20.0
Hexadecanoic acid...	11.75	14.3	ng	582955	4	11.36	817637	20.0
Hexadecane, 1-iodo-	12.05	4.5	ng	182671	4	11.36	817637	20.0
9,12-Octadecadien...	12.43	41.1	ng	1679680	4	11.36	817637	20.0
13-Octadecenoic a...	12.45	44.7	ng	1828530	4	11.36	817637	20.0
Benzo[e]pyrene	15.35	10.1	ng	266200	6	15.47	525693	20.0