

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083119\
 Data File : BF116695.D
 Acq On : 31 Aug 2019 13:23
 Operator : HP/JU
 Sample : K4643-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-D1-D4-(0-4)

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-BF083019.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	565	574	577	rBV	1845548	1888152	81.34%	6.977%
2	6.475	740	746	749	rBV	2172251	2059079	88.70%	7.608%
3	6.616	765	770	773	rBV	2409535	2069663	89.16%	7.647%
4	6.675	777	780	785	rVB3	35763	41331	1.78%	0.153%
5	6.845	806	809	813	rBV	813197	645039	27.79%	2.383%
6	7.004	832	836	839	rBV	2049197	1602425	69.03%	5.921%
7	7.404	896	904	907	rBV	1493922	1302710	56.12%	4.814%
8	8.127	1023	1027	1029	rBV	1067906	857215	36.93%	3.167%
9	8.145	1029	1030	1035	rVB	76790	58916	2.54%	0.218%
10	8.727	1124	1129	1132	rBV2	43136	42350	1.82%	0.156%
11	8.839	1145	1148	1153	rVB	178014	132657	5.71%	0.490%
12	8.939	1162	1165	1168	rVB	66352	55982	2.41%	0.207%
13	9.204	1205	1210	1213	rBV	2635863	2321359	100.00%	8.577%
14	9.286	1219	1224	1228	rBV3	31677	45496	1.96%	0.168%
15	9.469	1250	1255	1259	rBV	28429	38481	1.66%	0.142%
16	9.539	1264	1267	1269	rBV	82315	66809	2.88%	0.247%
17	9.563	1269	1271	1273	rVB	41632	28149	1.21%	0.104%
18	9.592	1273	1276	1278	rBV	268664	204442	8.81%	0.755%
19	9.739	1296	1301	1304	rBV	33232	31397	1.35%	0.116%
20	9.816	1312	1314	1319	rVB2	58413	51949	2.24%	0.192%
21	9.880	1319	1325	1328	rBV	1193773	1005333	43.31%	3.715%
22	10.080	1356	1359	1362	rVB2	68716	57484	2.48%	0.212%
23	10.286	1390	1394	1396	rBV3	29910	36057	1.55%	0.133%
24	10.421	1414	1417	1419	rBV2	46358	46563	2.01%	0.172%
25	10.580	1439	1444	1448	rBV2	54364	58261	2.51%	0.215%
26	10.663	1454	1458	1462	rBV	1450108	1265395	54.51%	4.676%
27	10.763	1472	1475	1477	rBV	253284	206404	8.89%	0.763%
28	10.798	1477	1481	1486	rVB4	63612	104015	4.48%	0.384%
29	11.104	1530	1533	1535	rBV4	31905	38374	1.65%	0.142%
30	11.163	1541	1543	1547	rVB2	39731	40350	1.74%	0.149%
31	11.363	1573	1577	1579	rBV	1088986	986191	42.48%	3.644%
32	11.380	1579	1580	1583	rVV	369289	290213	12.50%	1.072%
33	11.433	1587	1589	1592	rVB	62988	55152	2.38%	0.204%
34	11.863	1660	1662	1664	rBV	63809	50876	2.19%	0.188%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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35	11.892	1664	1667	1671	rVV	561621	492239	21.20%	1.819%
36	11.968	1678	1680	1683	rBV2	76206	74525	3.21%	0.275%
37	12.568	1779	1782	1785	rBV	761812	669926	28.86%	2.475%
38	12.680	1797	1801	1807	rBV	883380	949348	40.90%	3.508%
39	12.798	1818	1821	1824	rVB	578807	527816	22.74%	1.950%
40	12.945	1842	1846	1849	rVB	2253965	1921683	82.78%	7.101%
41	13.839	1995	1998	2006	rVB2	313739	418469	18.03%	1.546%
42	13.992	2019	2024	2027	rBV3	794312	1202101	51.78%	4.442%
43	14.015	2027	2028	2035	rVB	319922	284239	12.24%	1.050%
44	14.468	2103	2105	2108	rVB3	101379	81312	3.50%	0.300%
45	14.768	2154	2156	2159	rBV3	76627	93992	4.05%	0.347%
46	15.021	2195	2199	2202	rBV	312300	451963	19.47%	1.670%
47	15.104	2210	2213	2216	rBV3	87288	91043	3.92%	0.336%
48	15.321	2246	2250	2255	rVV	196898	245421	10.57%	0.907%
49	15.380	2256	2260	2266	rVV	225978	280687	12.09%	1.037%
50	15.445	2267	2271	2274	rVV	602232	706920	30.45%	2.612%
51	15.480	2274	2277	2284	rVB3	132656	203316	8.76%	0.751%
52	15.915	2347	2351	2355	rBV2	65794	85384	3.68%	0.315%
53	16.880	2511	2515	2524	rVB2	142616	267829	11.54%	0.990%
54	17.315	2583	2589	2600	rVB	112041	231127	9.96%	0.854%

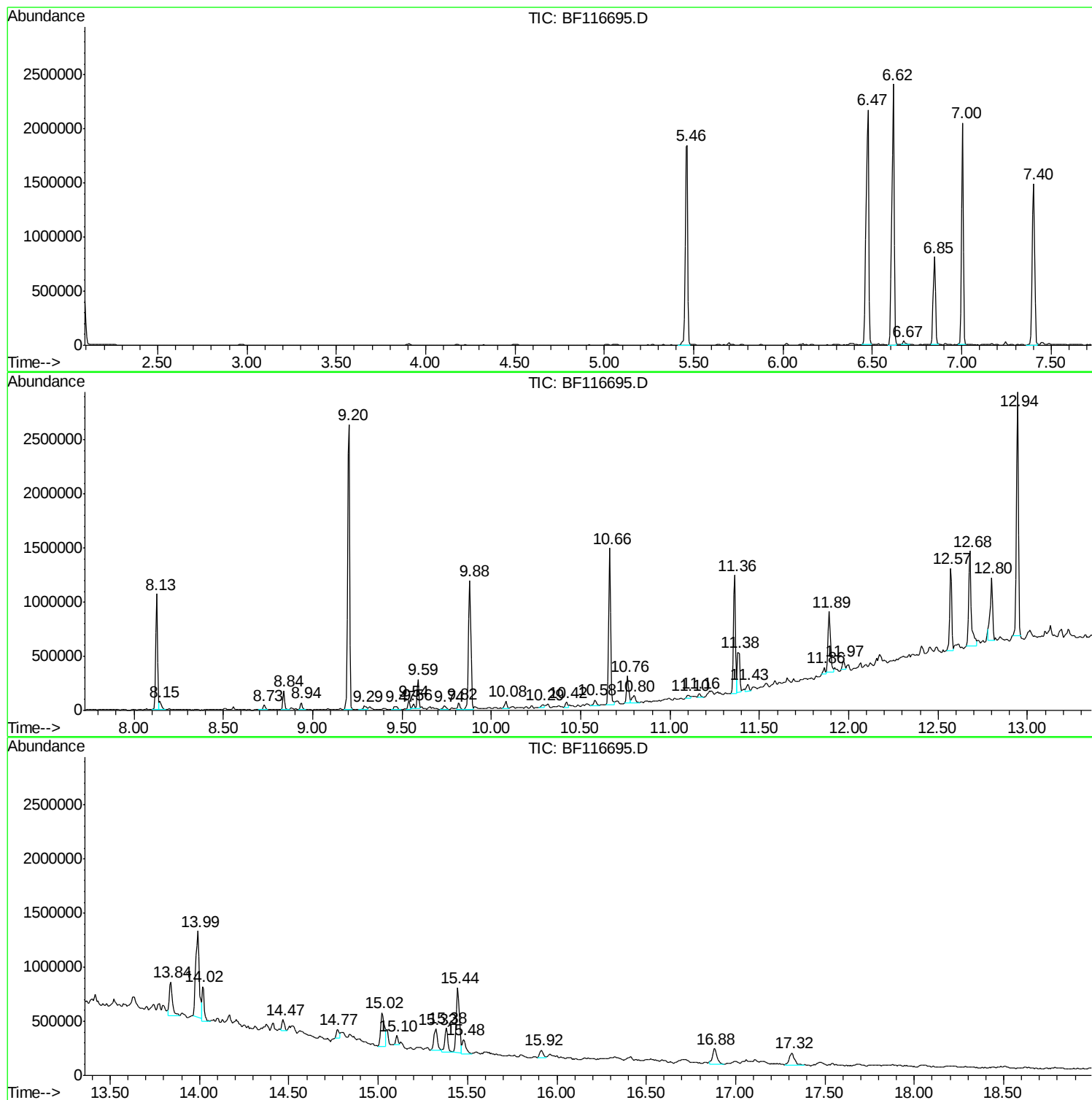
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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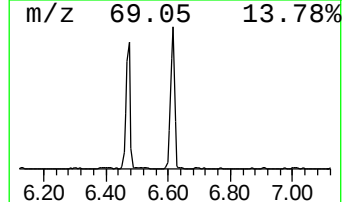
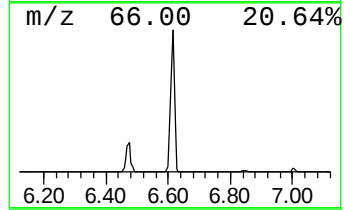
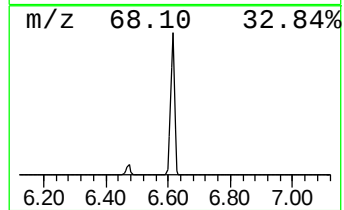
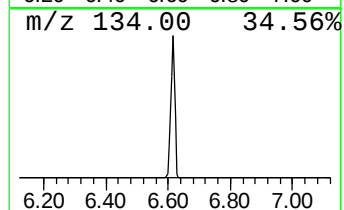
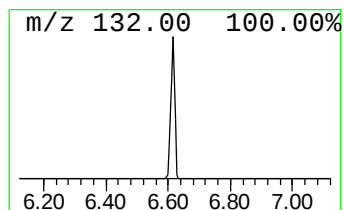
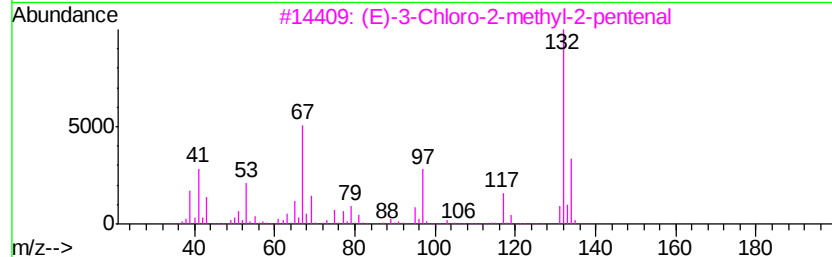
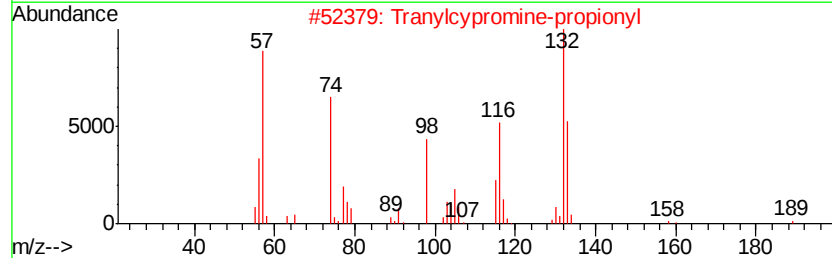
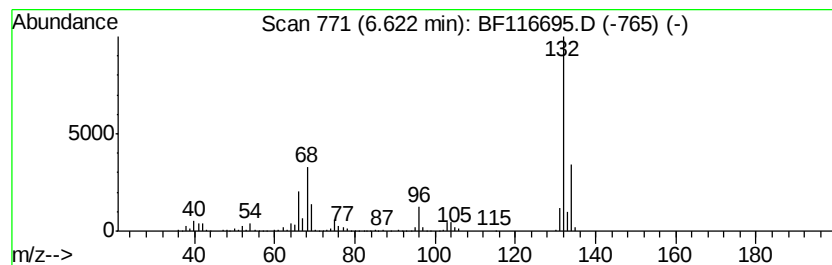
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.17 ng	2069660	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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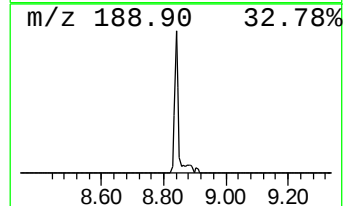
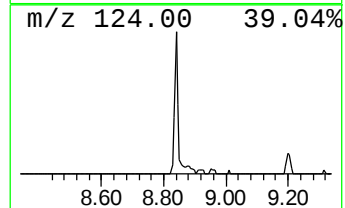
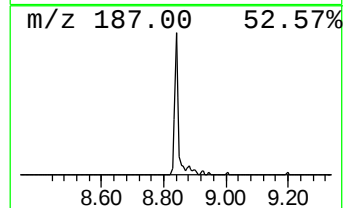
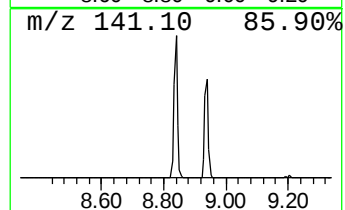
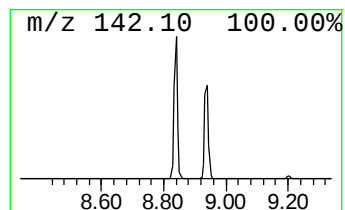
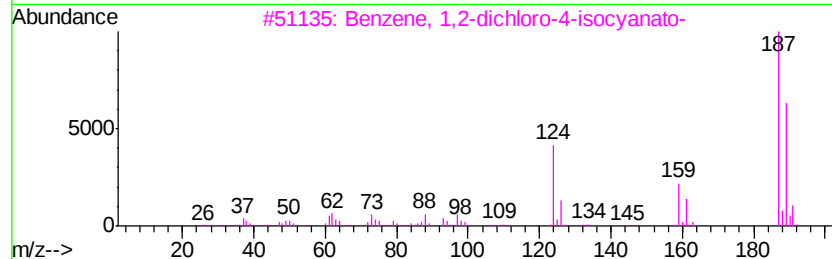
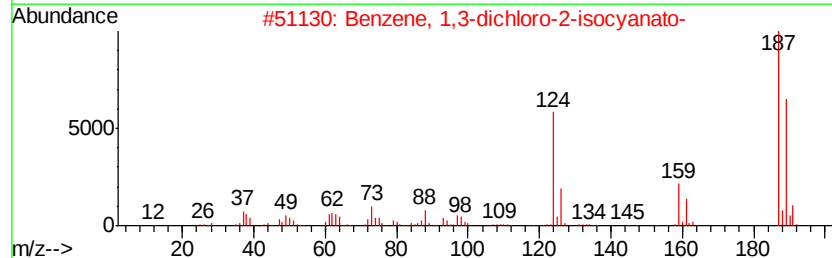
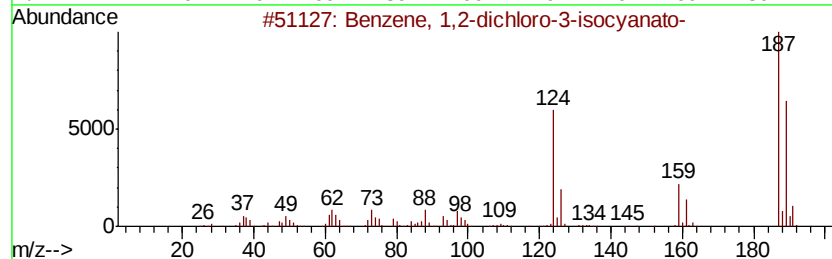
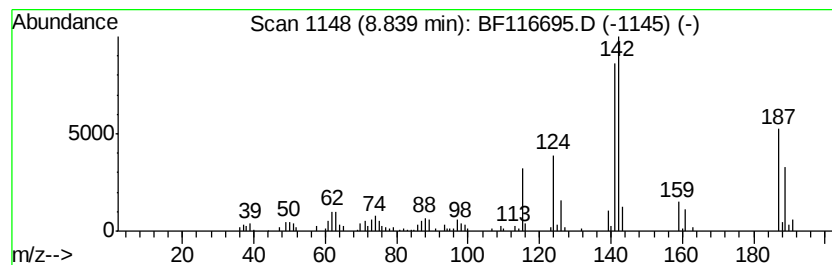
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-dichloro-3-iso... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.10 ng	132657	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	92
2		Benzene, 1,3-dichloro-2-isocyanato-	187	C7H3Cl2NO	039920-37-1	92
3		Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	90
4		3,5-Dichlorophenyl isocyanate	187	C7H3Cl2NO	034893-92-0	89
5		Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	78



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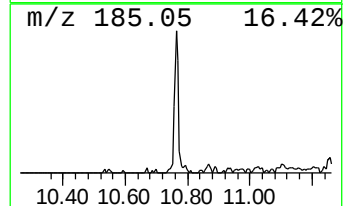
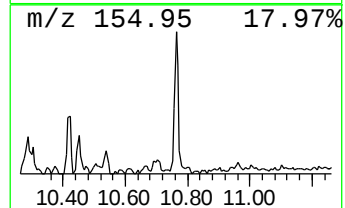
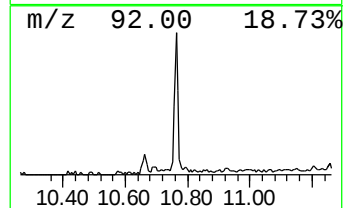
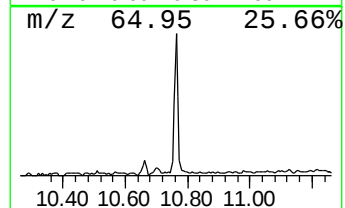
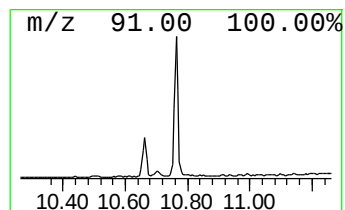
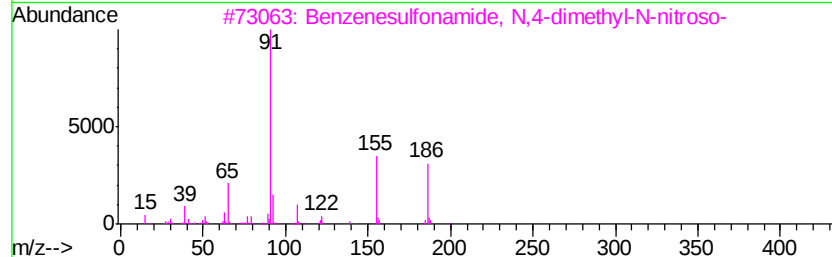
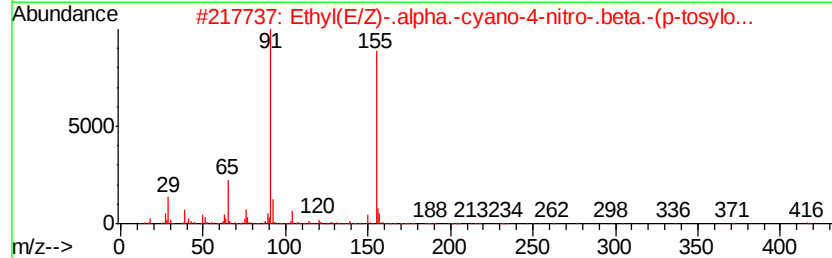
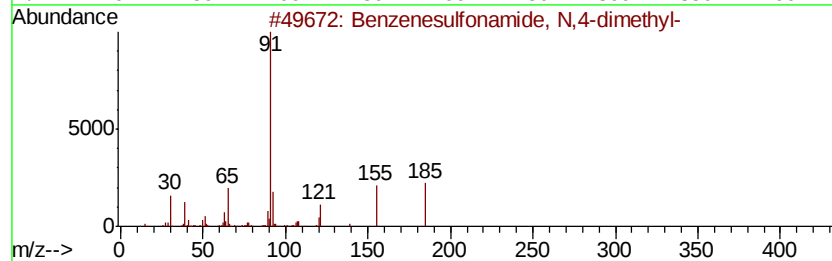
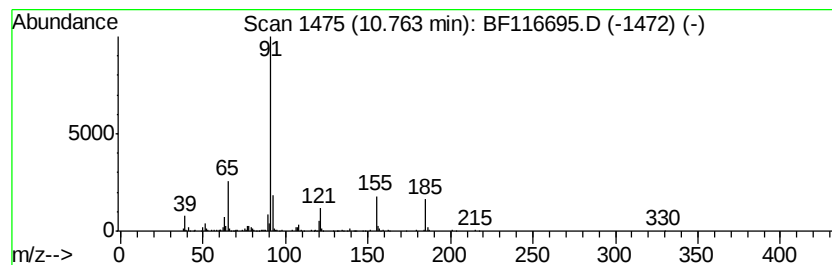
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	4.19 ng	206404	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2		Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	53
3		Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	53
4		p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	50
5		(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	50



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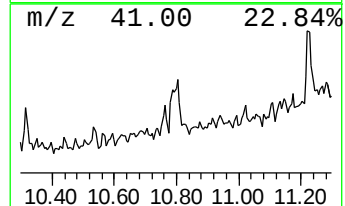
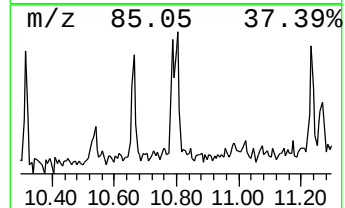
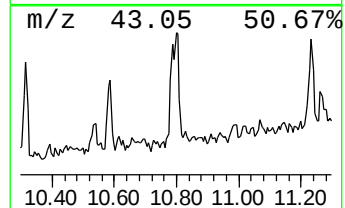
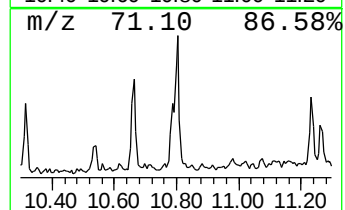
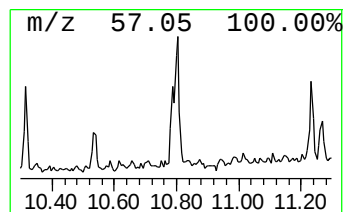
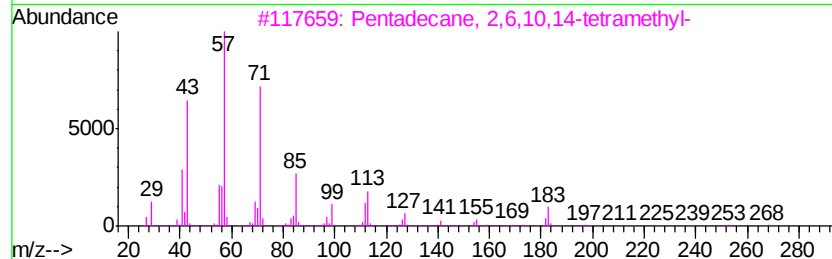
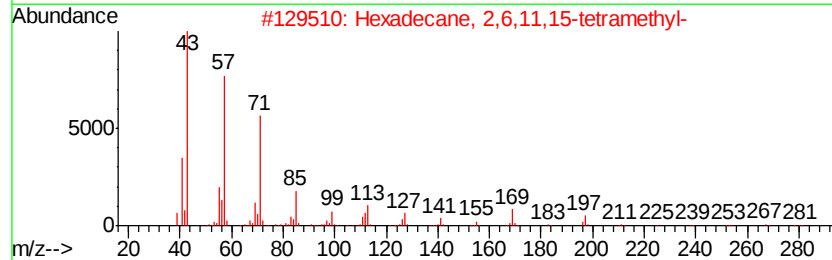
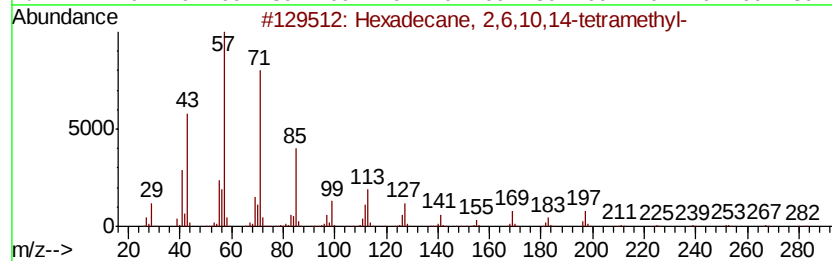
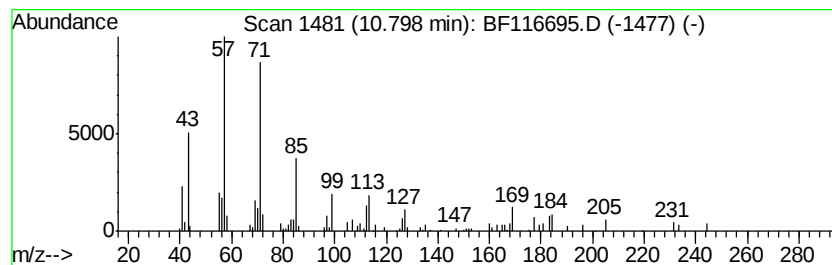
Instrument :
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ClientSampled :
T11-D1-D4-(0-4)

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

Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	2.11 ng	104015	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53



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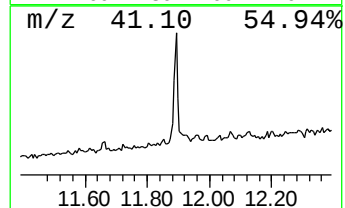
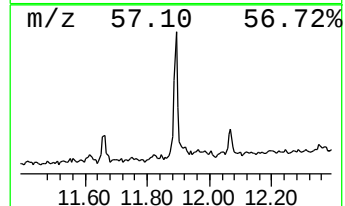
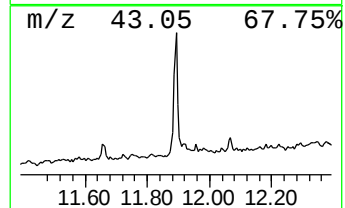
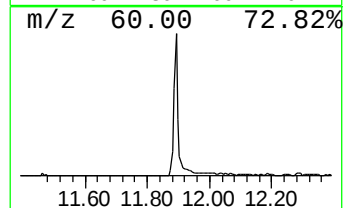
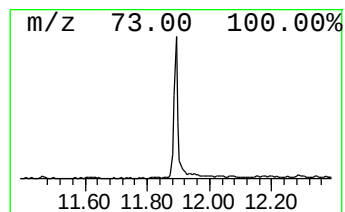
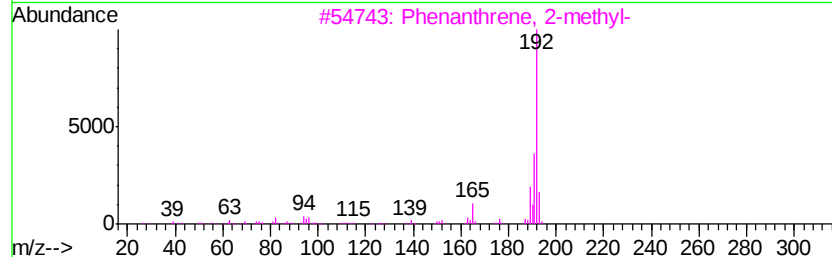
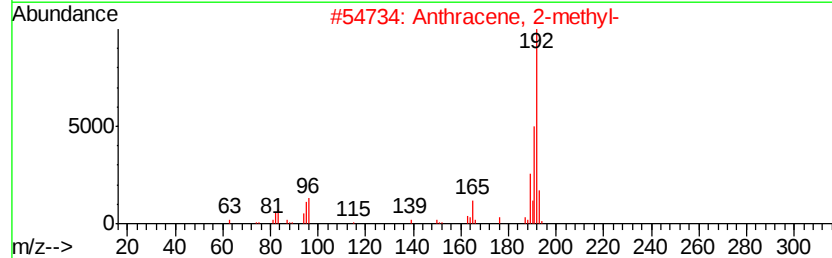
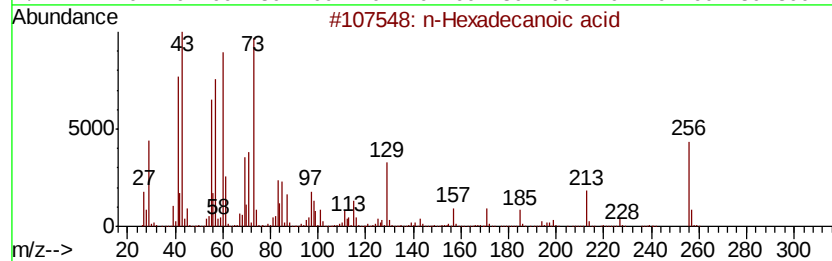
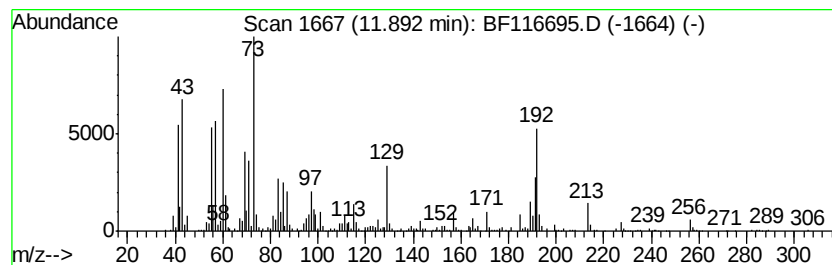
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.98 ng	492239	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Estra-1,3,5(10)-trien-17.β-ol	256	C18H24O	002529-64-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
Sample : K4643-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

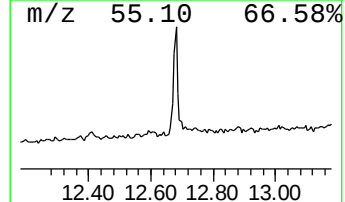
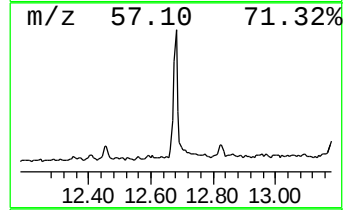
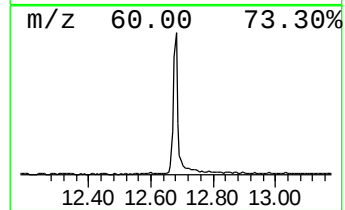
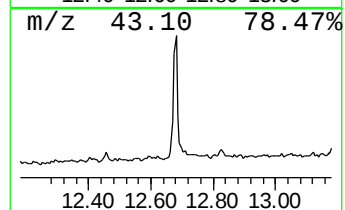
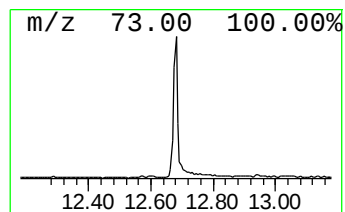
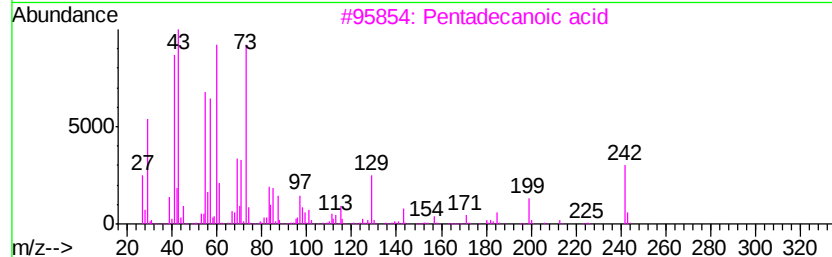
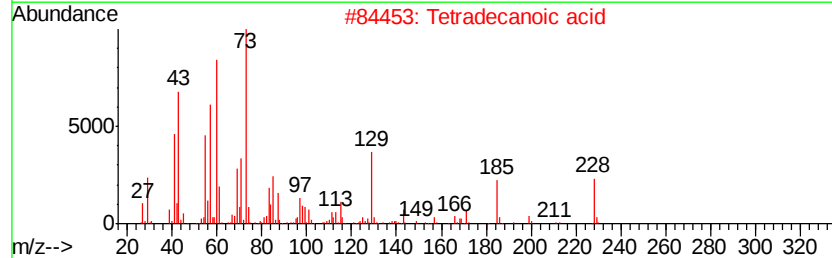
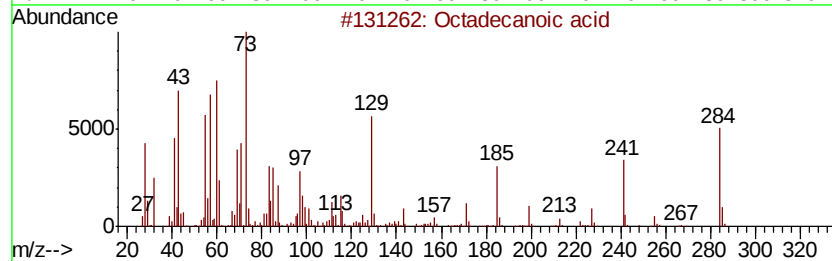
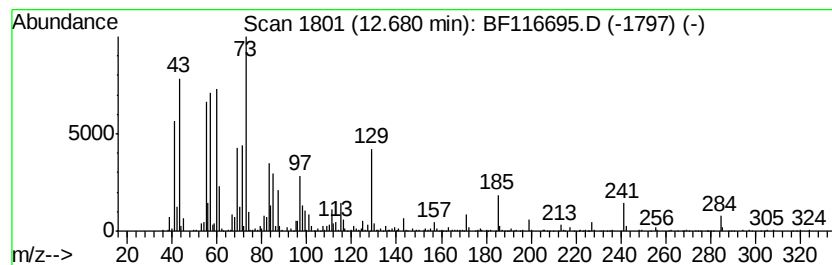
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	15.79 ng	949348	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Pentadecane	212	C15H32	000629-62-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
Sample : K4643-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T11-D1-D4-(0-4)

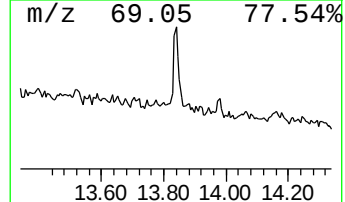
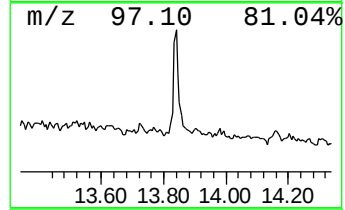
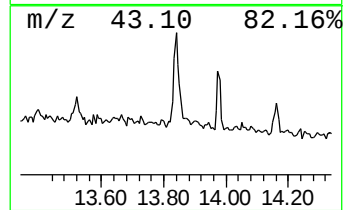
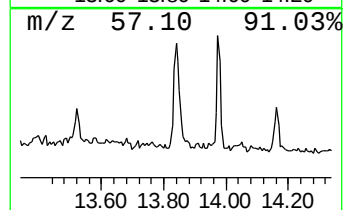
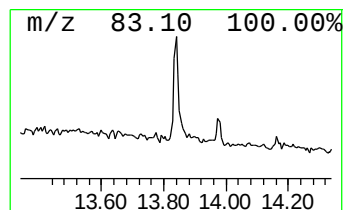
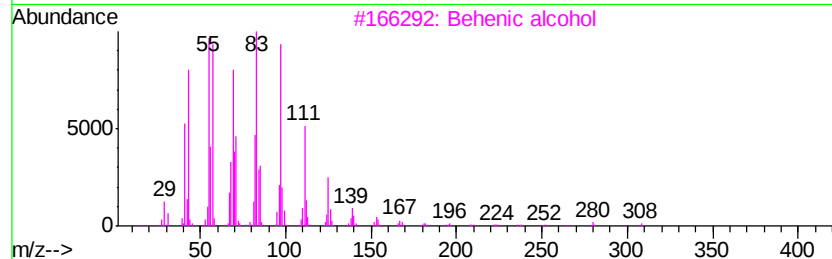
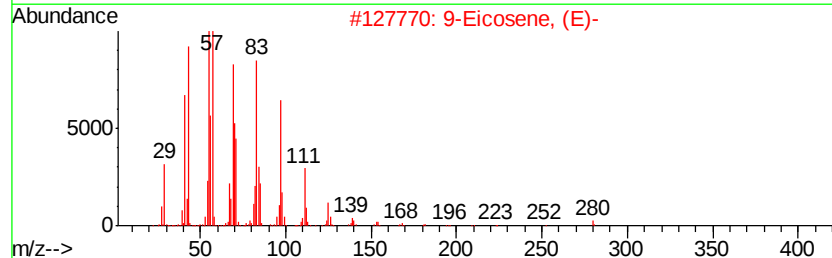
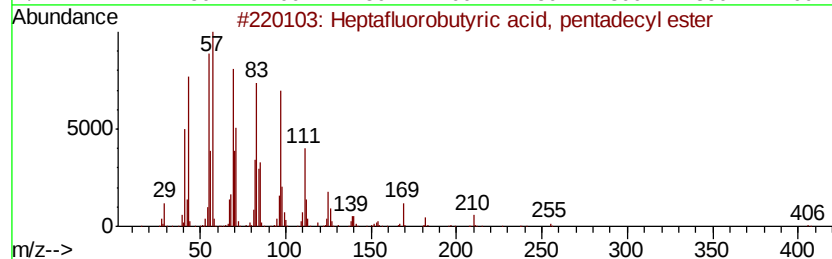
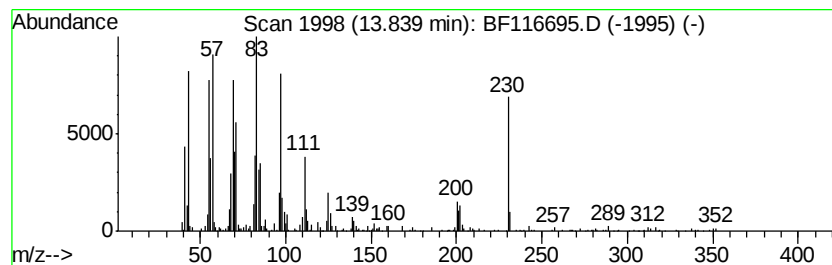
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.96 ng	418469	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
Sample : K4643-19
Misc :
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Instrument :
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ClientSampleId :
T11-D1-D4-(0-4)

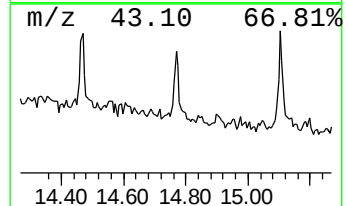
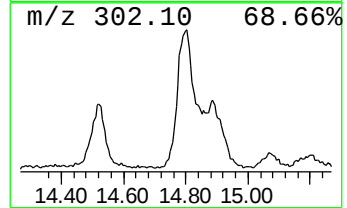
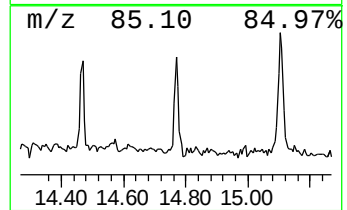
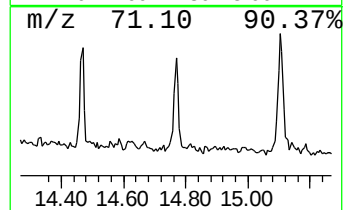
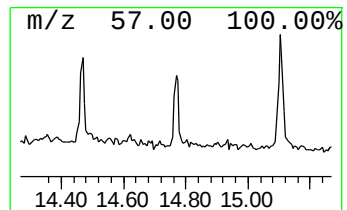
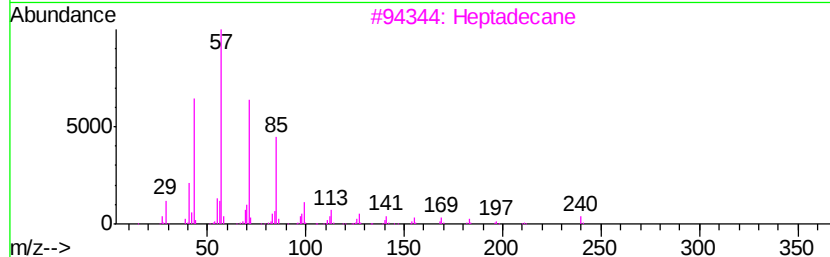
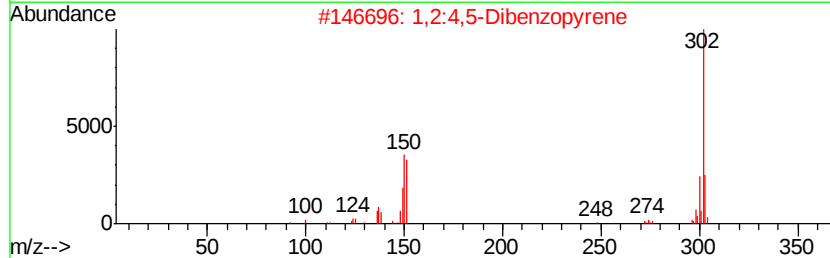
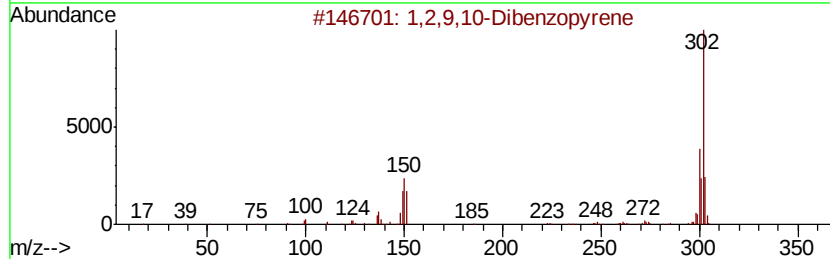
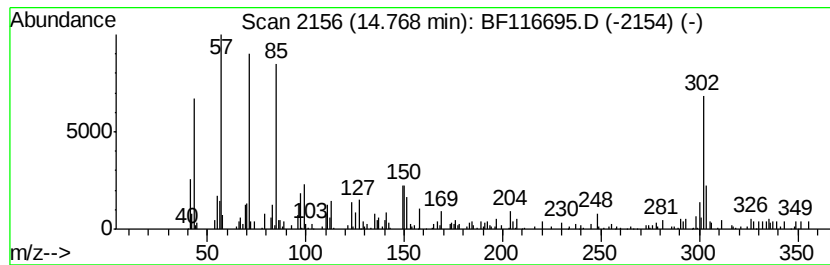
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,2,9,10-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.66 ng	93992	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	55
3		Heptadecane	240	C17H36	000629-78-7	53
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	46
5		Tetracosane	338	C24H50	000646-31-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
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Misc :
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Instrument :
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T11-D1-D4-(0-4)

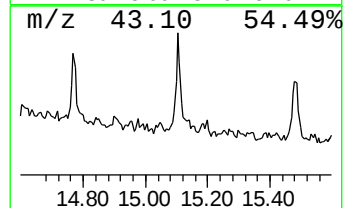
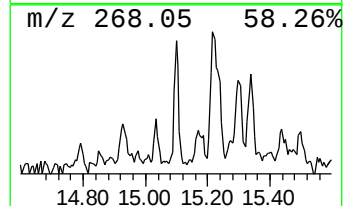
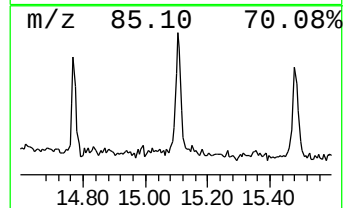
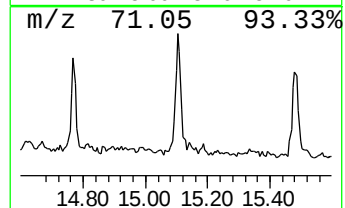
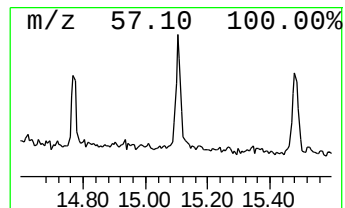
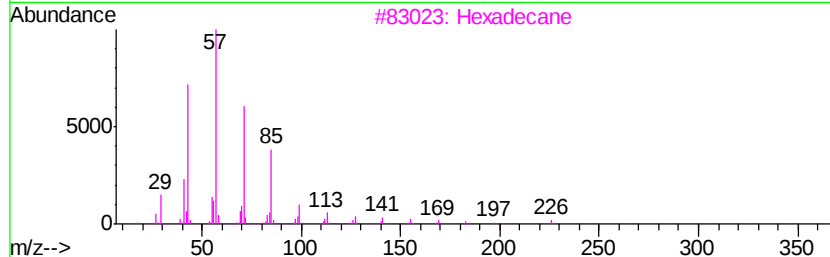
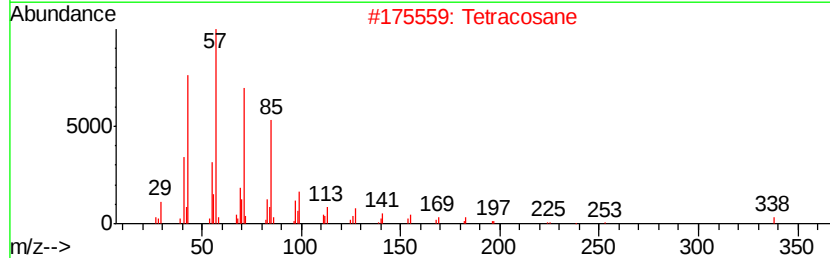
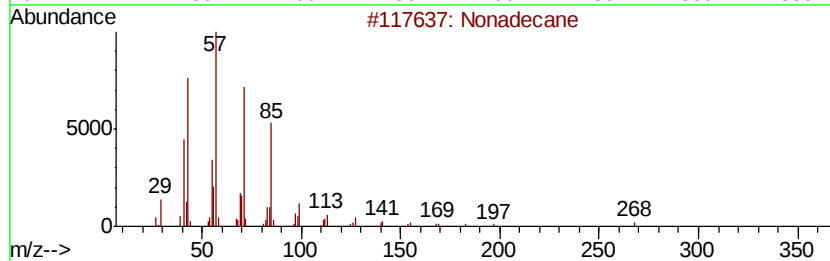
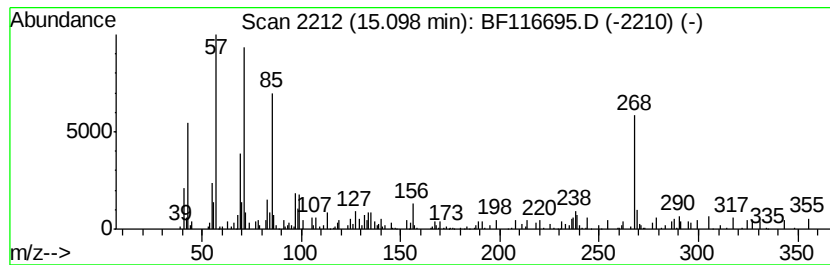
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.58 ng	91043	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Tetracosane	338	C24H50	000646-31-1	76
3			Hexadecane	226	C16H34	000544-76-3	70
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5			Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
Sample : K4643-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T11-D1-D4-(0-4)

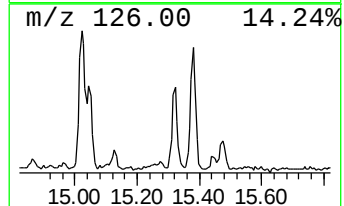
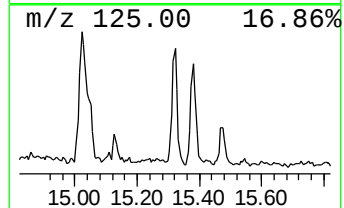
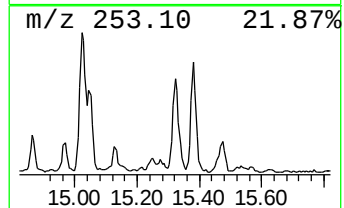
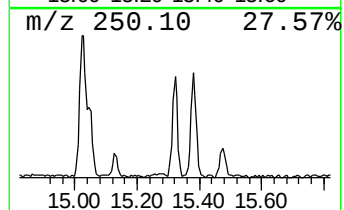
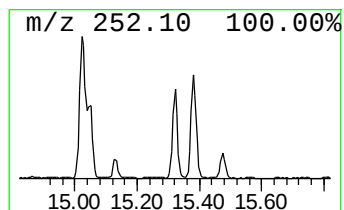
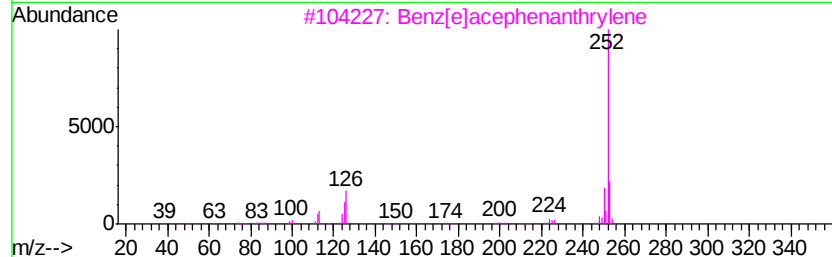
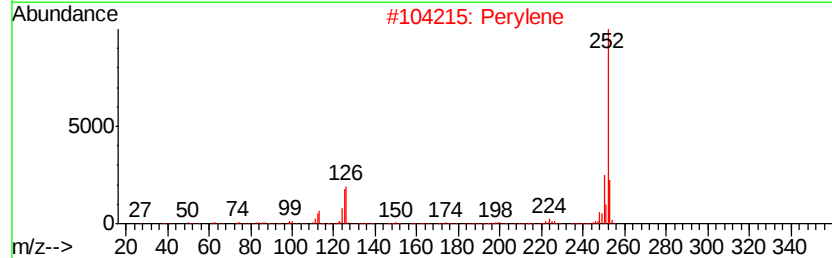
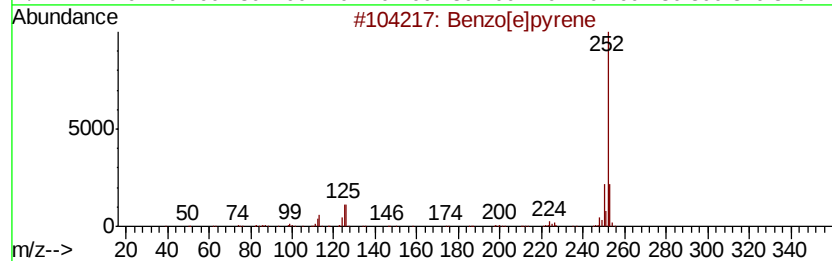
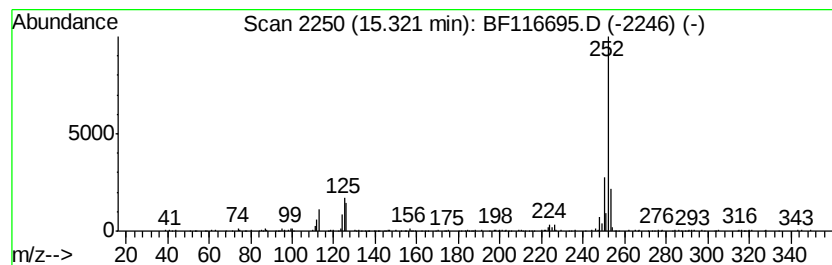
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.94 ng	245421	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
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T11-D1-D4-(0-4)

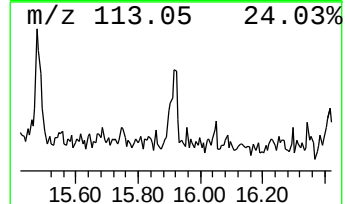
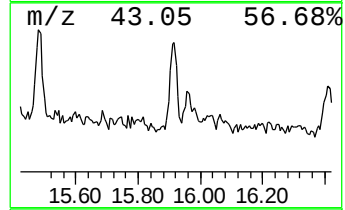
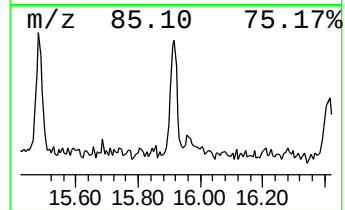
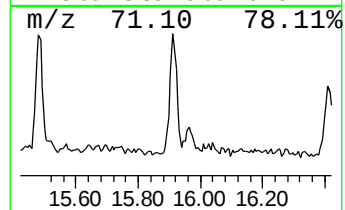
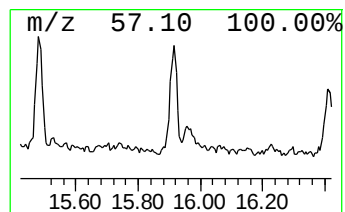
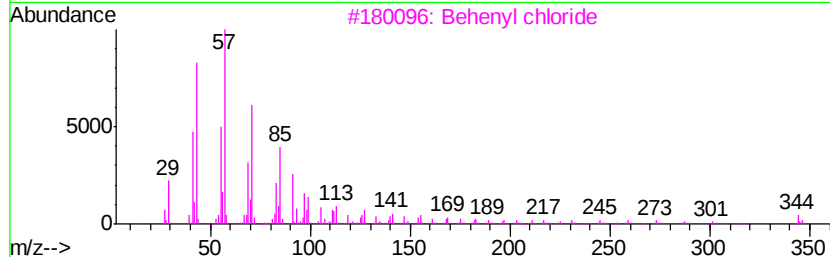
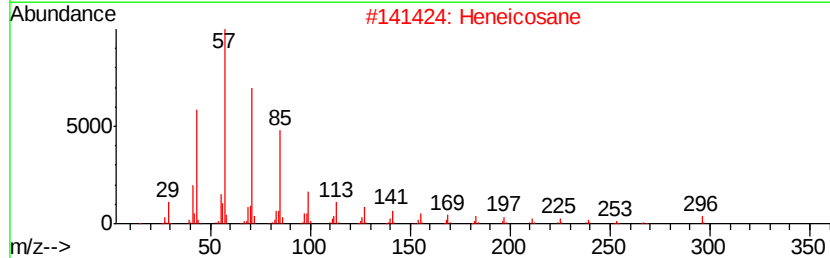
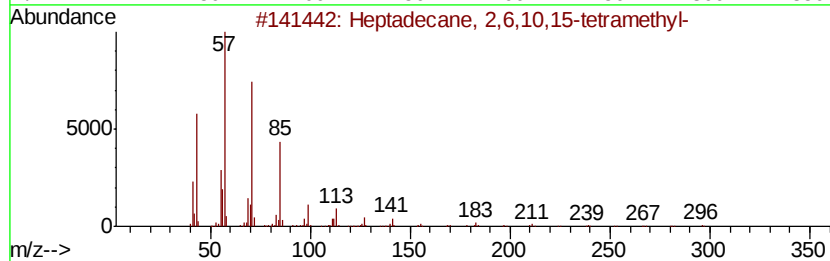
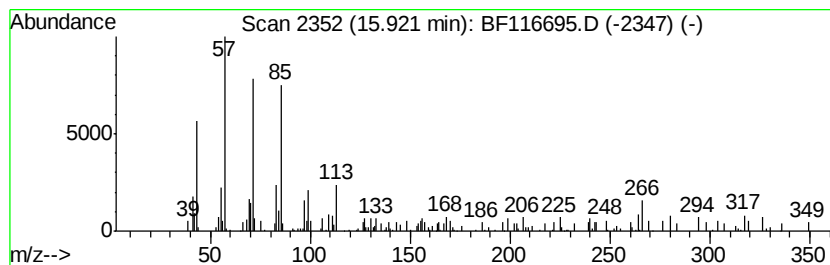
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.42 ng	85384	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
2		Heneicosane	296	C21H44	000629-94-7	68
3		Behenyl chloride	344	C22H45Cl	042217-03-8	64
4		Octacosane	394	C28H58	000630-02-4	64
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083119\
Data File : BF116695.D
Acq On : 31 Aug 2019 13:23
Operator : HP/JU
Sample : K4643-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	64.2	ng	2069660	1	6.85	645039	20.0
Benzene, 1,2-dich...	8.84	3.1	ng	132657	2	8.13	857215	20.0
Benzenesulfonamid...	10.76	4.2	ng	206404	4	11.36	986191	20.0
Hexadecane, 2,6,1...	10.80	2.1	ng	104015	4	11.36	986191	20.0
n-Hexadecanoic acid	11.89	10.0	ng	492239	4	11.36	986191	20.0
Octadecanoic acid	12.68	15.8	ng	949348	5	13.99	1202100	20.0
Heptafluorobutyri...	13.84	7.0	ng	418469	5	13.99	1202100	20.0
1,2,9,10-Dibenzop...	14.77	2.7	ng	93992	6	15.44	706920	20.0
Nonadecane	15.10	2.6	ng	91043	6	15.44	706920	20.0
Benzo[e]pyrene	15.32	6.9	ng	245421	6	15.44	706920	20.0
Heptadecane, 2,6,...	15.92	2.4	ng	85384	6	15.44	706920	20.0