LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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	2.163	8	13	31	rVB	593491	910072	14.00%	1.775%
2	5.122	511	516	527	rVB	392624	446006	6.86%	0.870%
3	5.528	580	585	588	rBV	2207669	2210568	34.00%	4.312%
4	6.534	751	756	759	rBV	2897139	2711254	41.71%	5.288%
5	6.681	777	781	784	rBV	3309869	2828373	43.51%	5.517%
6	6.916	817	821	824	rBV	1149964	903591	13.90%	1.762%
7	7.075	844	848	851	rBV	2449421	2254389	34.68%	4.397%
8	7.475	912	916	919	rBV	2091201	1764539	27.14%	3.442%
9	8.204	1036	1040	1043	rBV	1385501	1165735	17.93%	2.274%
10	9.280	1219	1223	1226	rBV	4210524	3487684	53.65%	6.803%
11	9.622	1276	1281	1284	rBV	81654	69937	1.08%	0.136%
12	9.674	1286	1290	1298	rVB	712095	622104	9.57%	1.213%
13	9.963	1336	1339	1343	rBV	1611538	1419905	21.84%	2.770%
14	10.757	1469	1474	1477	rBV	2530392	2313933	35.59%	4.513%
15	11.457	1589	1593	1595	rBV	1898974	1565975	24.09%	3.054%
16	11.480	1595	1597	1600	rVV	758967	580866	8.94%	1.133%
17	11.533	1600	1606	1608	rVB	151828	157040	2.42%	0.306%
18	11.686	1626	1632	1634	rBV	59914	70330	1.08%	0.137%
19	11.980	1673	1682	1689	rBV2	1216549	1341234	20.63%	2.616%
20	12.074	1694	1698	1700	rVV2	213511	238286	3.67%	0.465%
21	12.092	1700	1701	1706	rVB	86281	68663	1.06%	0.134%
22	12.257	1726	1729	1731	rBV	81200	75395	1.16%	0.147%
23	12.280	1731	1733	1736	rVB2	79920	69045	1.06%	0.135%
24	12.510	1769	1772	1775	rBV	88751	90243	1.39%	0.176%
25	12.598	1784	1787	1792	rBV	74835	100454	1.55%	0.196%
26	12.674	1796	1800	1809	rBV	1537207	1646772	25.33%	3.212%
27	12.768	1813	1816	1824	rVV	1039969	1024748	15.76%	1.999%
28	12.904	1833	1839	1845	rBV	1129972	1120361	17.23%	2.185%
29	12.951	1845	1847	1851	rVB2	60994	76646	1.18%	0.150%
30	13.045	1856	1863	1867	rBV	3901463	3902433	60.03%	7.612%
31	13.115	1872	1875	1880	rBV3	78674	128243	1.97%	0.250%
32	13.210	1887	1891	1892	rBV3	82694	84767	1.30%	0.165%
33	13.233	1892	1895	1898	rVB	198993	181831	2.80%	0.355%
34	13.298	1904	1906	1909	rVB	184488	147477	2.27%	0.288%

LSC Area Percent Report

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Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.339	1909	1913	1915	rBV2	133744	144540	2.22%	0.282%
36	13.739	1979	1981	1985	rVB	86499	81882	1.26%	0.160%
37	13.804	1990	1992	1995	rBV	113272	101023	1.55%	0.197%
38	13.851	1996	2000	2003	rBV3	123951	159537	2.45%	0.311%
39	13.880	2003	2005	2007	rBV	91287	68297	1.05%	0.133%
40	13.951	2014	2017	2027	rVB3	277218	428520	6.59%	0.836%
41	14.086	2035	2040	2042	rBV	6809457	6500837	100.00%	12.680%
42	14.104	2042	2043	2046	rVV	1667286	1382325	21.26%	2.696%
43	14.133	2046	2048	2053	rVB	735555	639880	9.84%	1.248%
44	14.321	2078	2080	2085	rVB3	57250	93502	1.44%	0.182%
45	14.498	2107	2110	2112	rVB	108807	103661	1.59%	0.202%
46	14.527	2112	2115	2118	rVB2	94111	88405	1.36%	0.172%
47	14.574	2119	2123	2124	rBV2	105590	117063	1.80%	0.228%
48	14.739	2147	2151	2155	rVB2	91007	95054	1.46%	0.185%
49	14.892	2173	2177	2179	rBV2	114935	125871	1.94%	0.246%
50	14.980	2188	2192	2194	rBV3	53499	83737	1.29%	0.163%
51	15.168	2219	2224	2227	rBV	599358	918062	14.12%	1.791%
52	15.245	2233	2237	2240	rVB	202369	214199	3.29%	0.418%
53	15.280	2240	2243	2249	rBV	113679	132406	2.04%	0.258%
54	15.486	2273	2278	2284	rVB	331799	443268	6.82%	0.865%
55	15.551	2284	2289	2295	rBV	396926	480762	7.40%	0.938%
56	15.615	2295	2300	2303	rBV	1072727	1385357	21.31%	2.702%
57	15.645	2303	2305	2312	rVB2	223318	297169	4.57%	0.580%
58	15.851	2338	2340	2346	rVB3	84757	125798	1.94%	0.245%
59	16.103	2379	2383	2391	rVB	170387	279052	4.29%	0.544%
60	16.362	2423	2427	2429	rBV4	47823	75318	1.16%	0.147%
61	16.633	2471	2473	2479	rVB2	55026	76071	1.17%	0.148%
62	16.945	2521	2526	2537	rVB7	95810	223714	3.44%	0.436%
63	17.145	2555	2560	2567	rVB2	192255	356032	5.48%	0.694%
64	17.603	2634	2638	2648	rVB	136623	267969	4.12%	0.523%

Sum of corrected areas: 51268210

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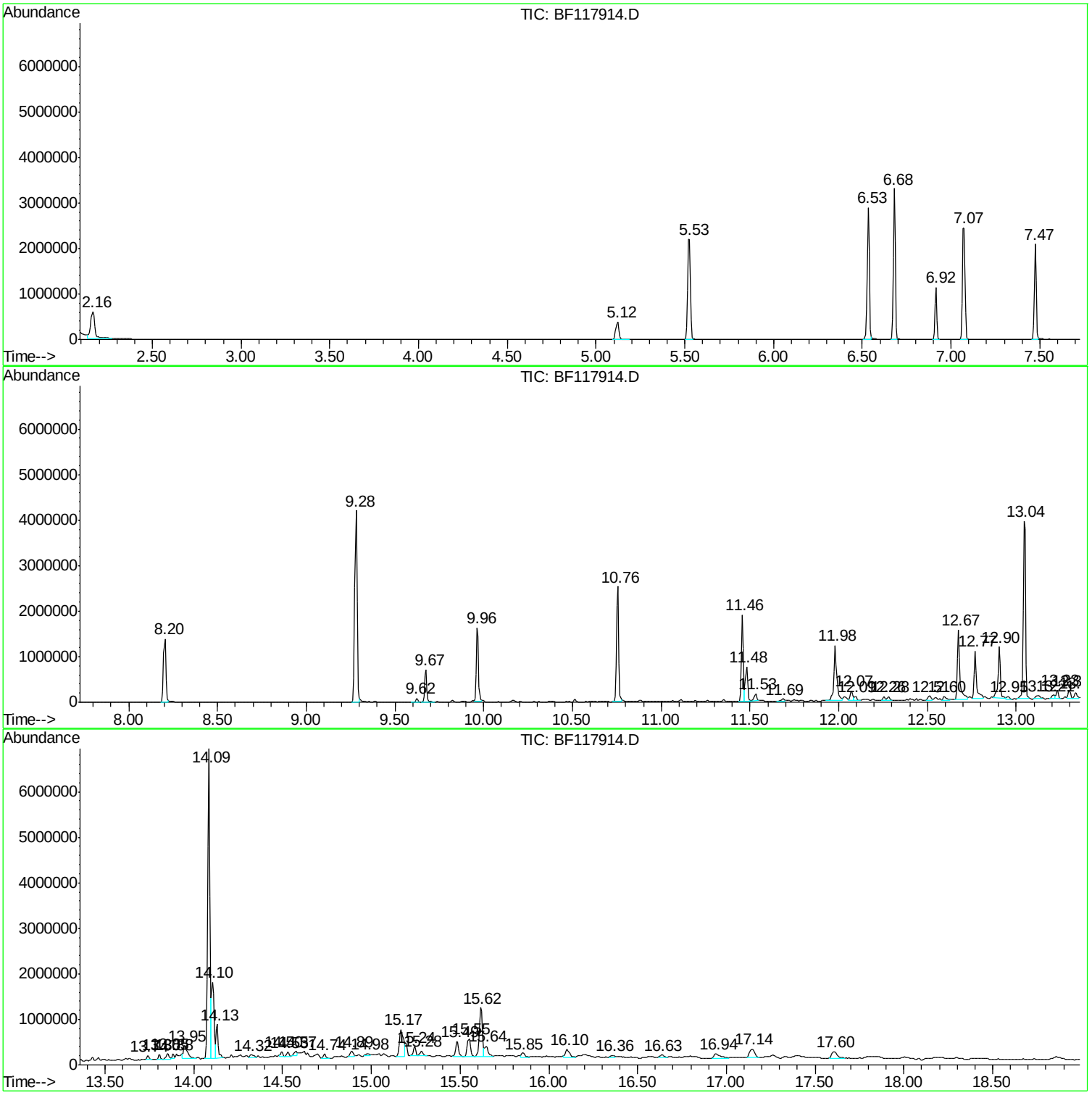
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
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ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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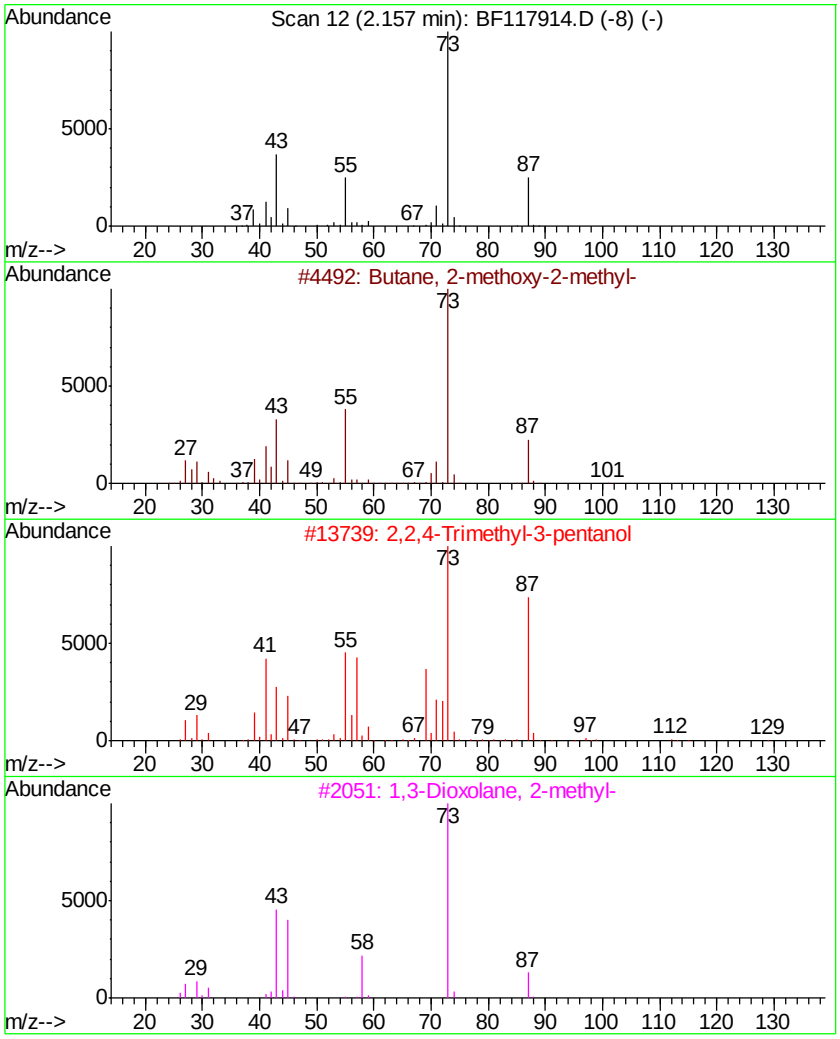
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

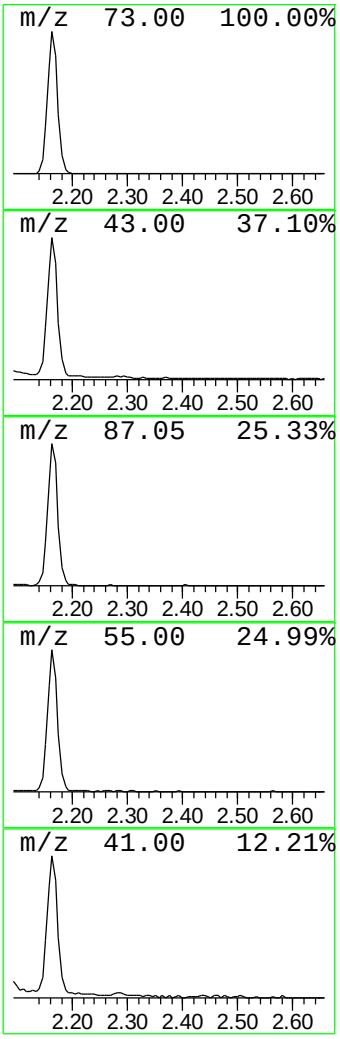
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	20.14 ng	910072	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

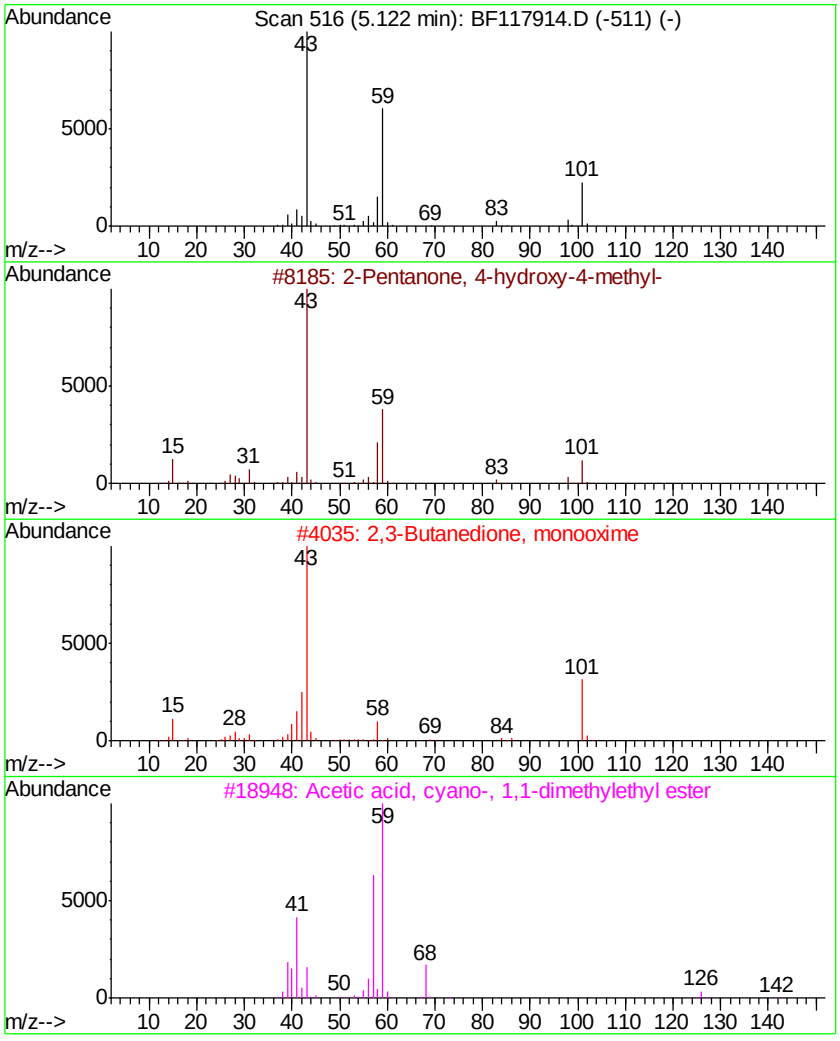
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

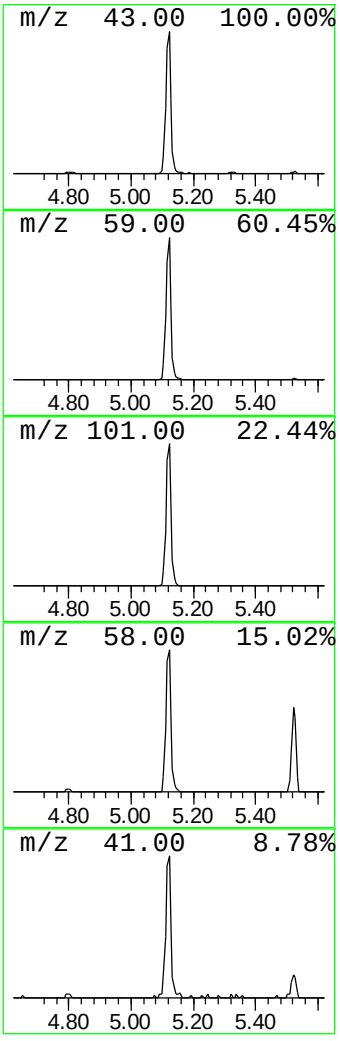
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	9.87 ng	446006	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

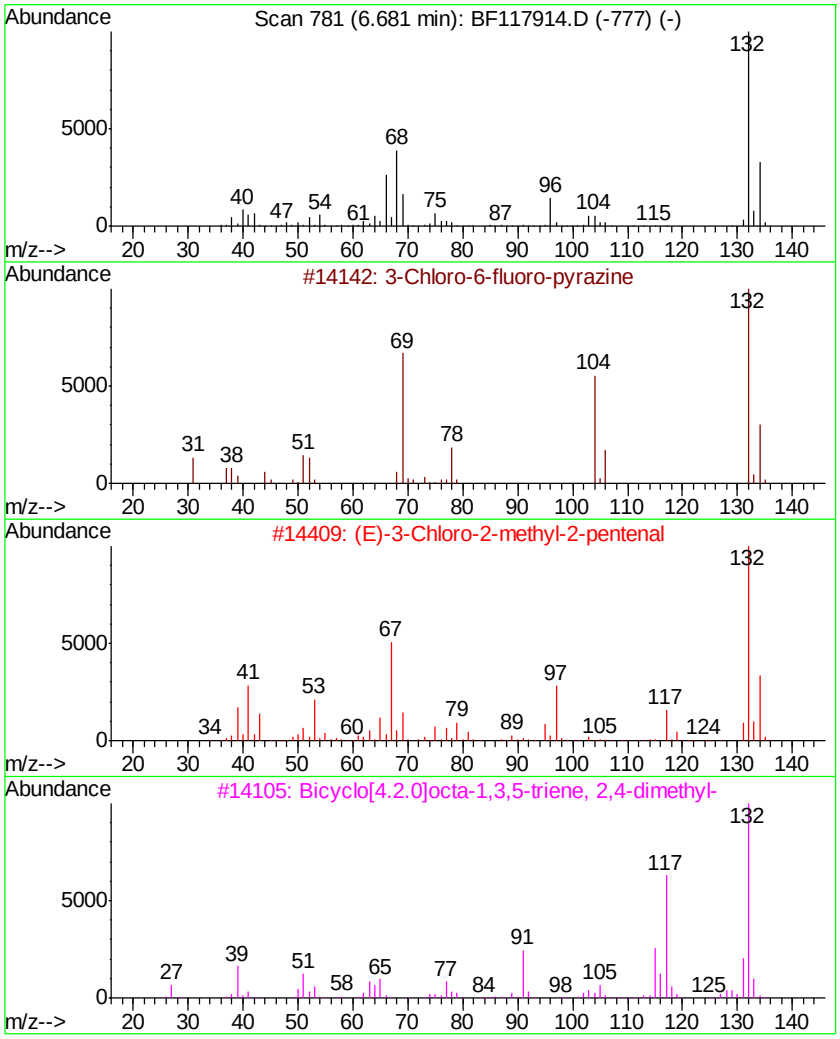
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

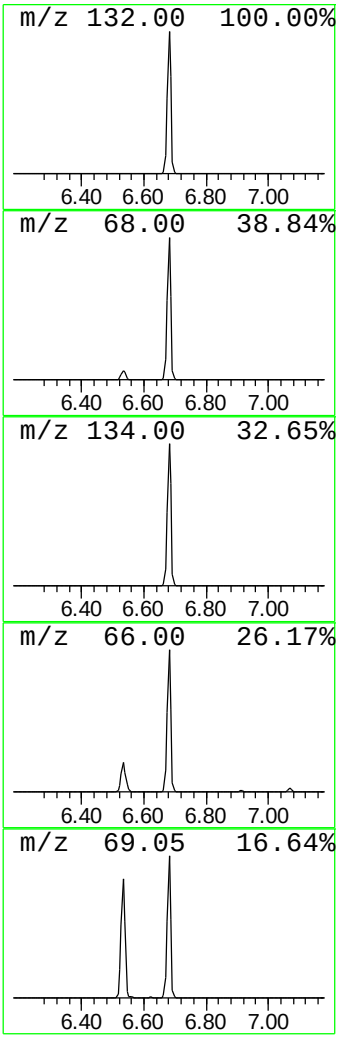
****

Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	62.60 ng	2828370	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

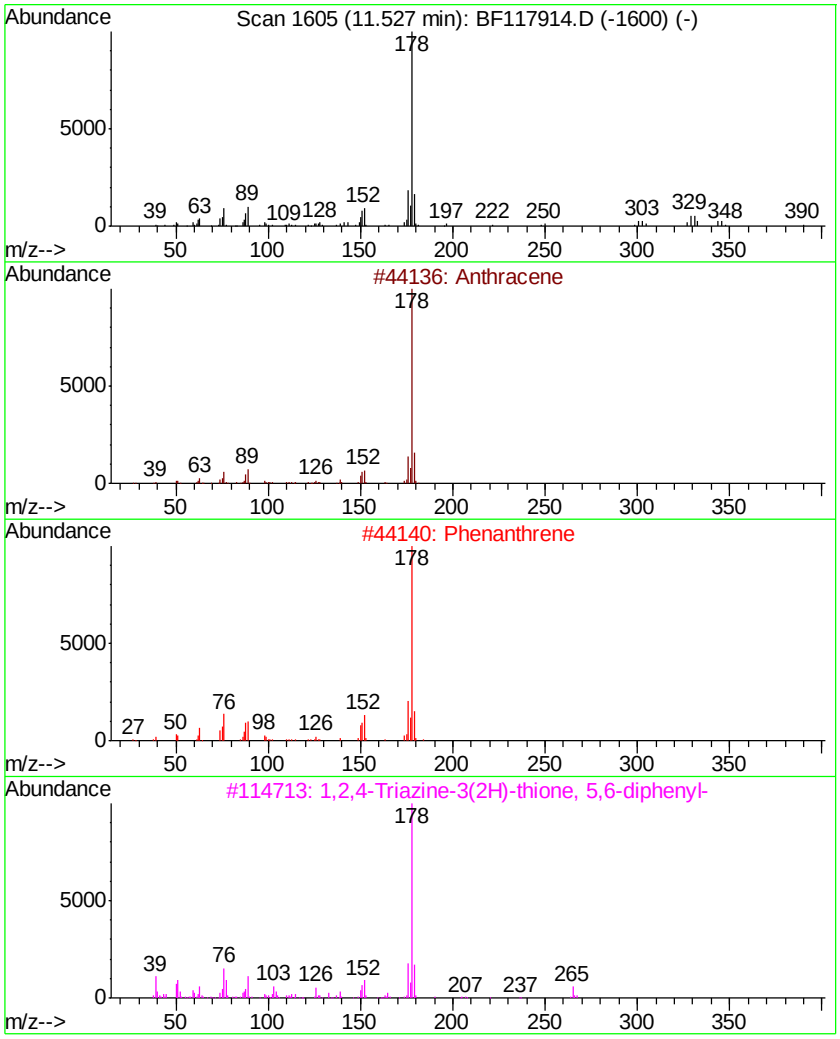
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

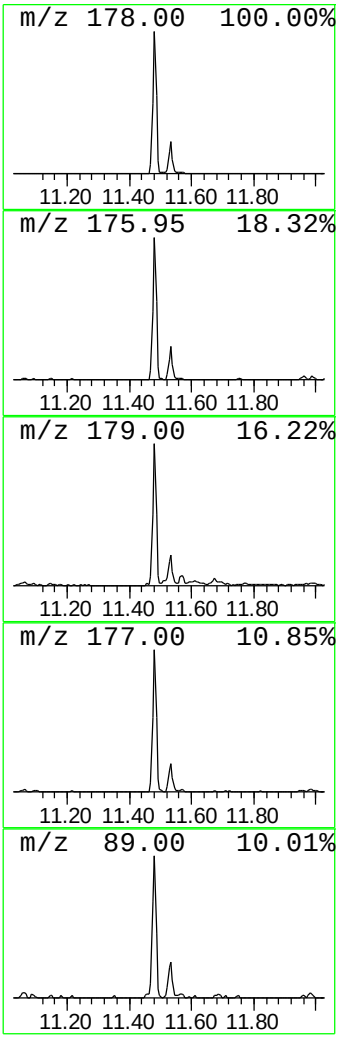
****

Peak Number 5 1,2,4-Triazine-3(2H)-thione... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.01 ng	157040	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene	178	C14H10	000120-12-7	95
2	Phenanthrene	178	C14H10	000085-01-8	93
3	1,2,4-Triazine-3(2H)-thione, 5,6...	265	C15H11N3S	037469-24-2	83
4	Diphenylacetylene	178	C14H10	000501-65-5	81
5	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	81





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Sample : K5937-01
Misc :
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Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

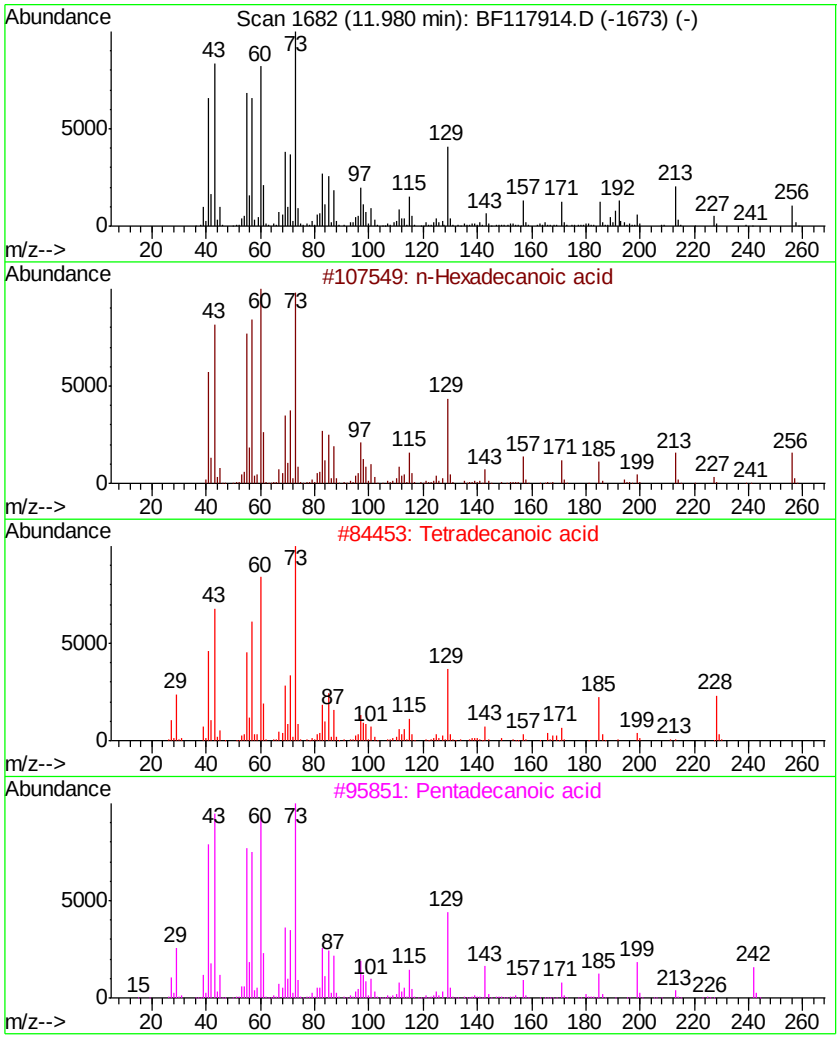
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

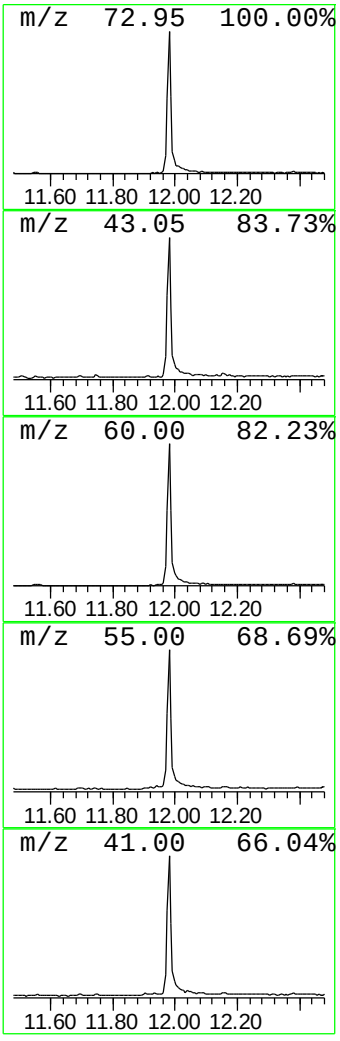
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	17.13 ng	1341230	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

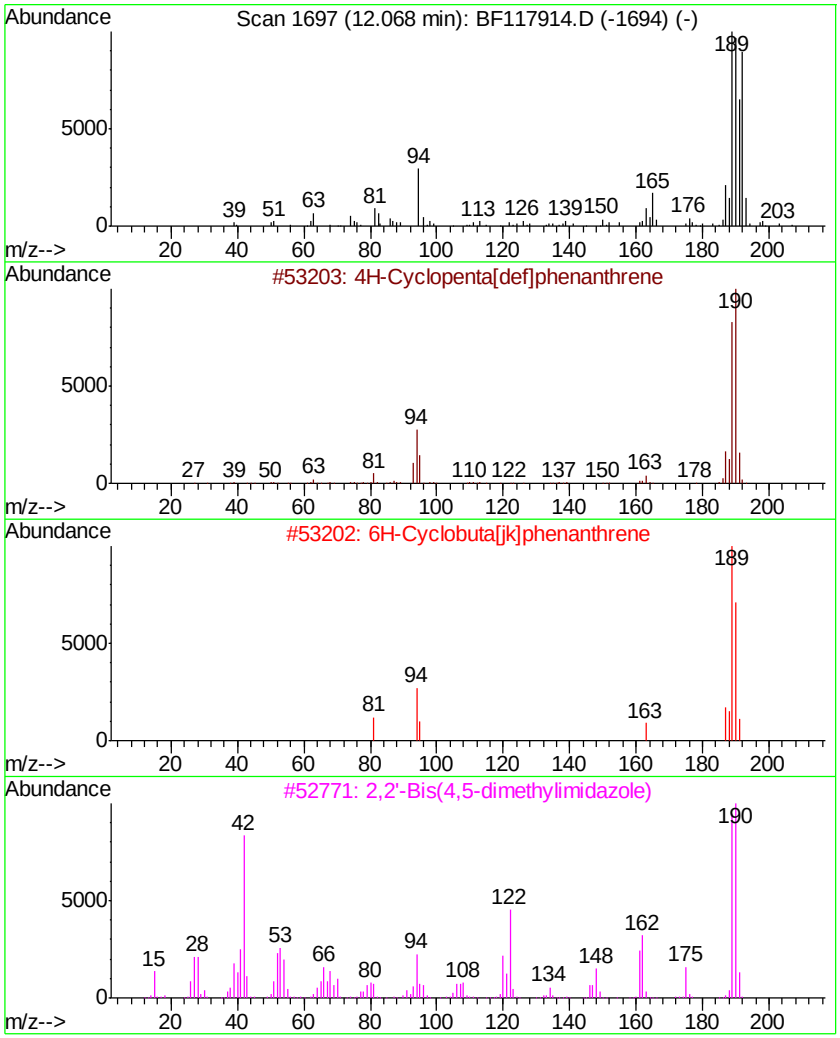
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

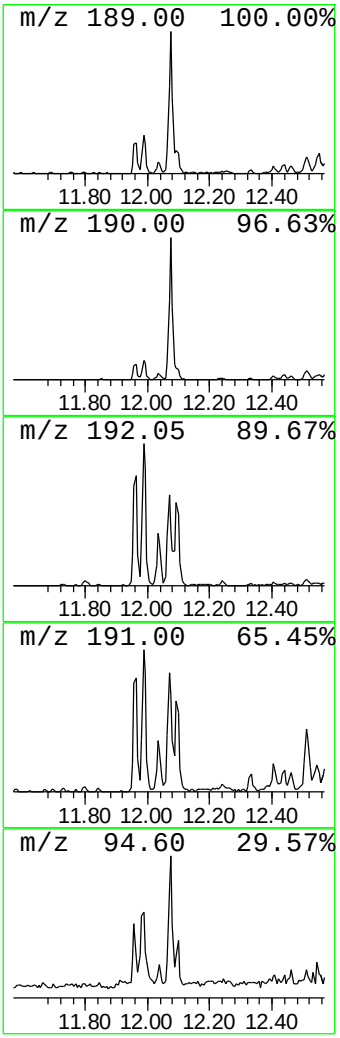
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.04 ng	238286	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
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Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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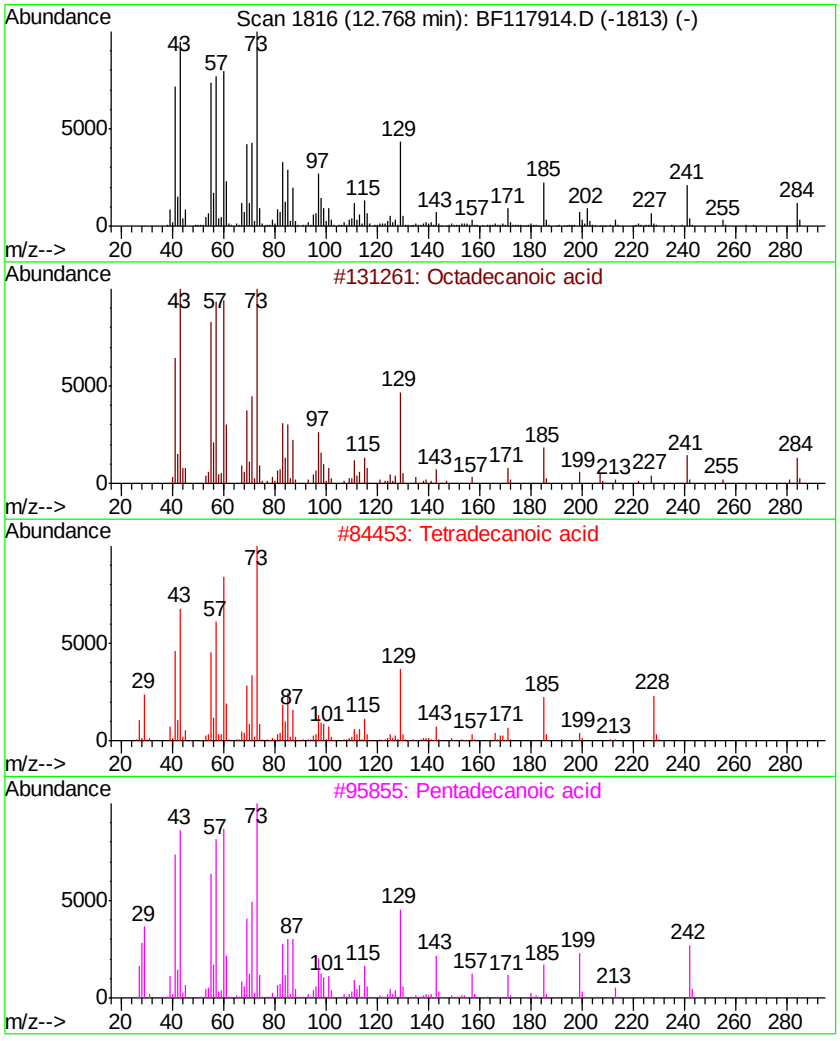
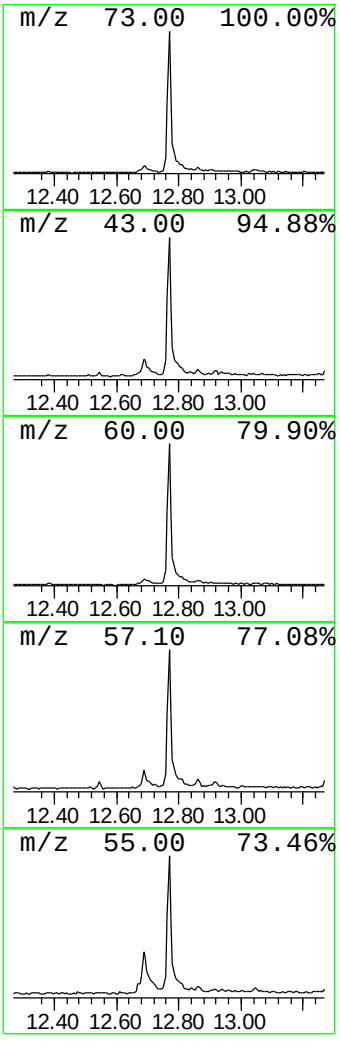
Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	13.09 ng	1024750	Phenanthrene-d10	11.46

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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

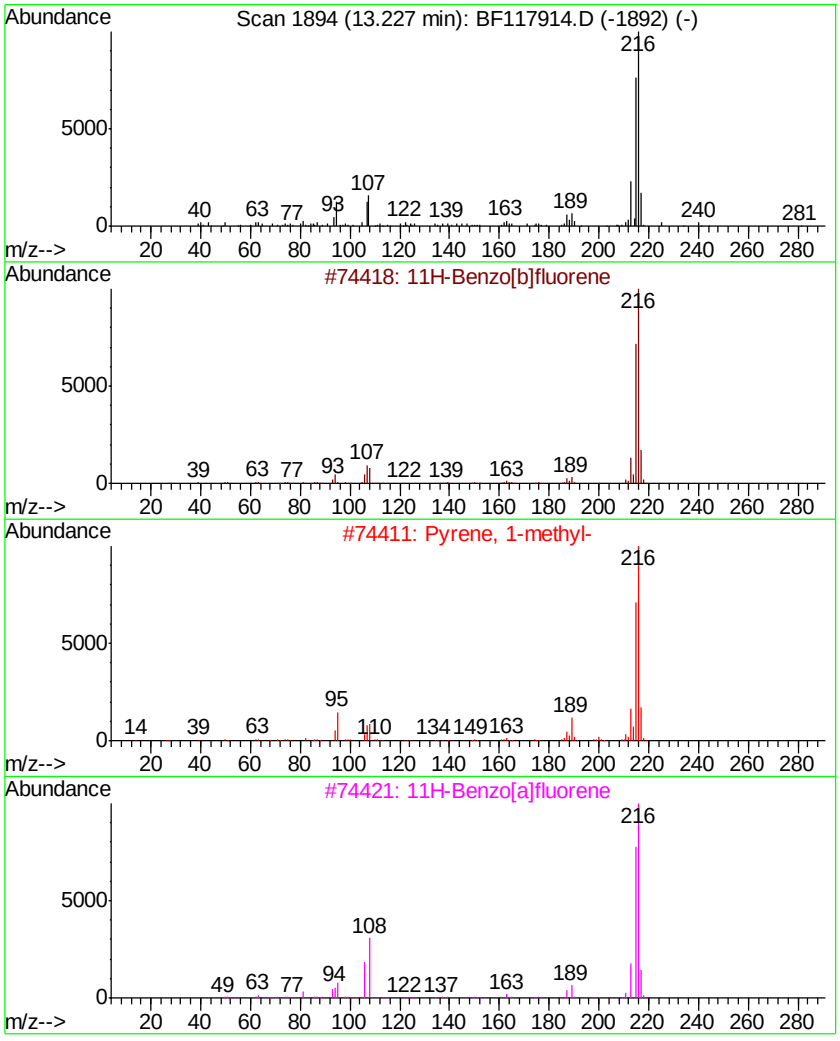
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

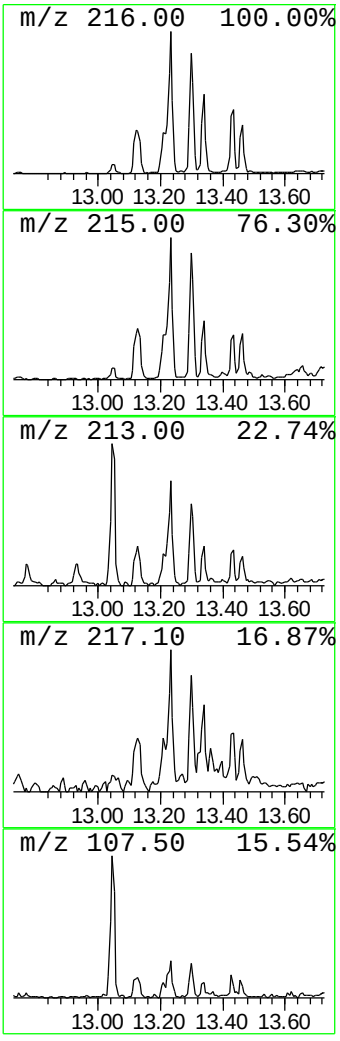
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.63 ng	181831	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

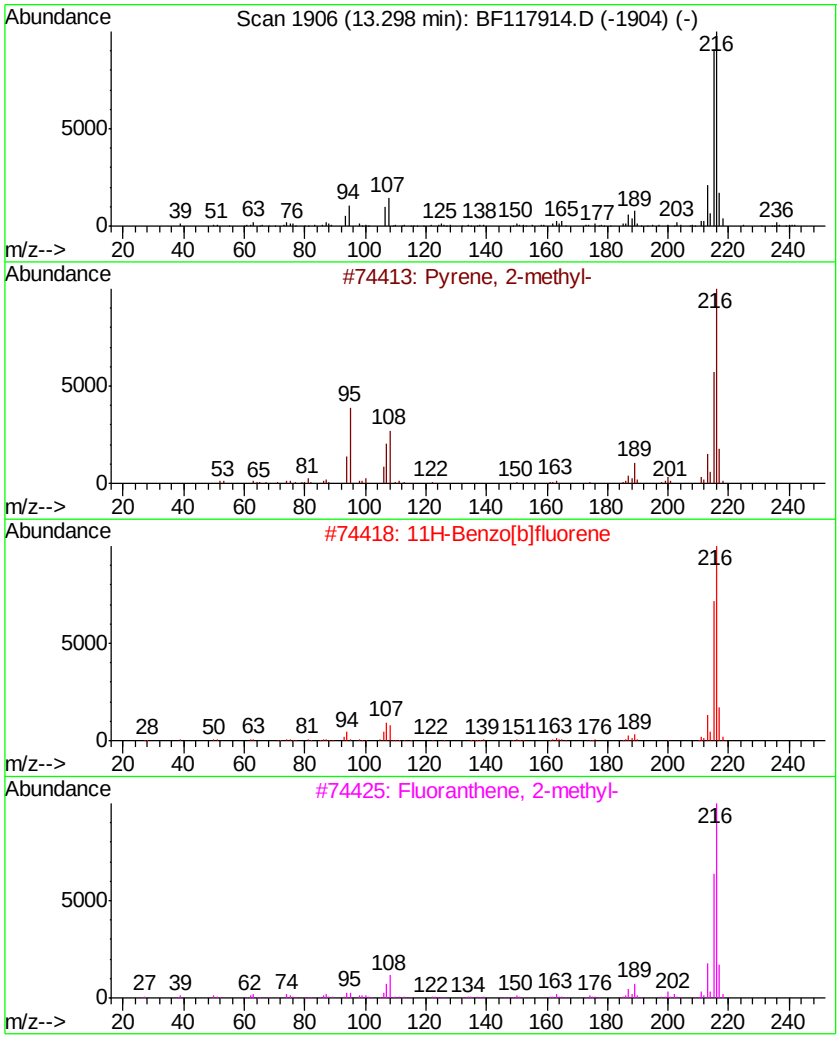
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

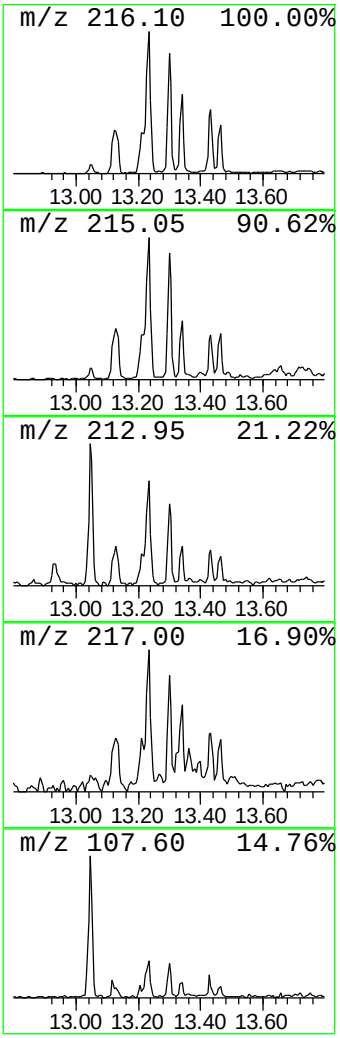
****

Peak Number 10 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.13 ng	147477	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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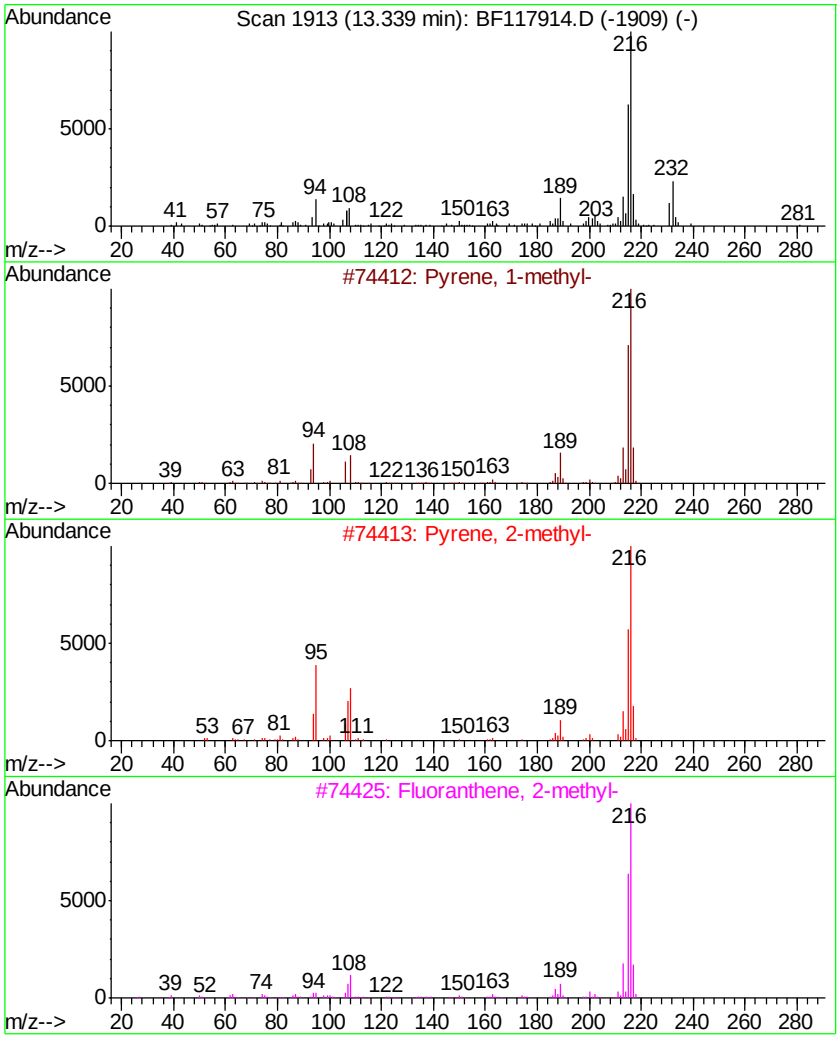
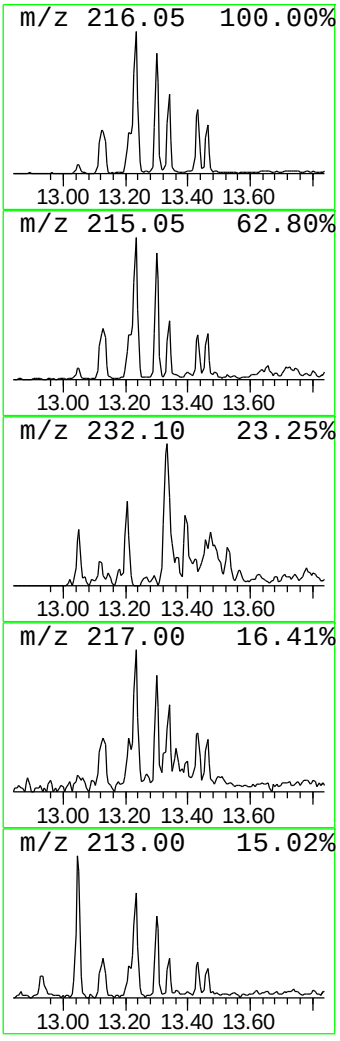
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.09 ng	144540	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

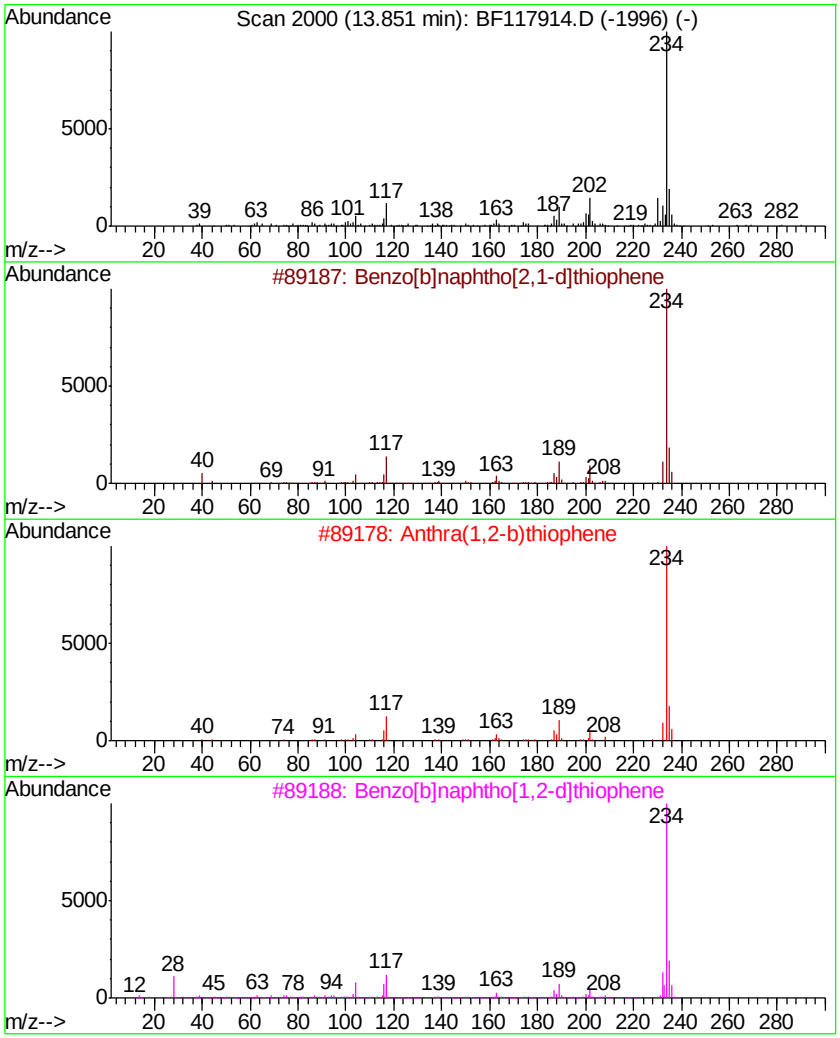
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

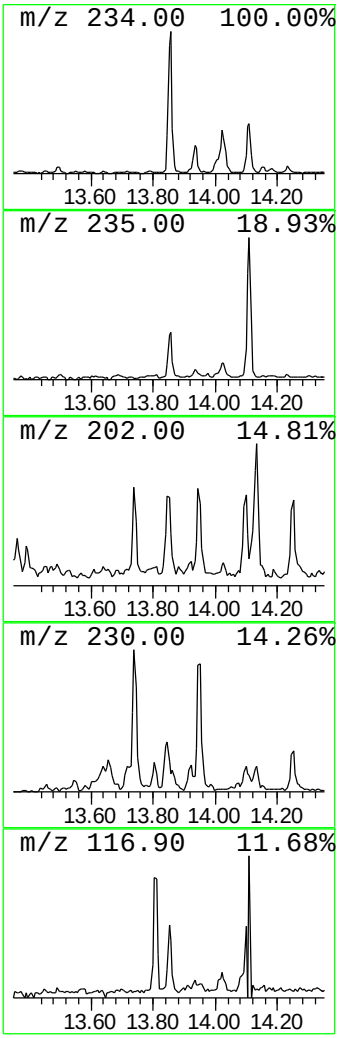
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.31 ng	159537	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	89
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





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Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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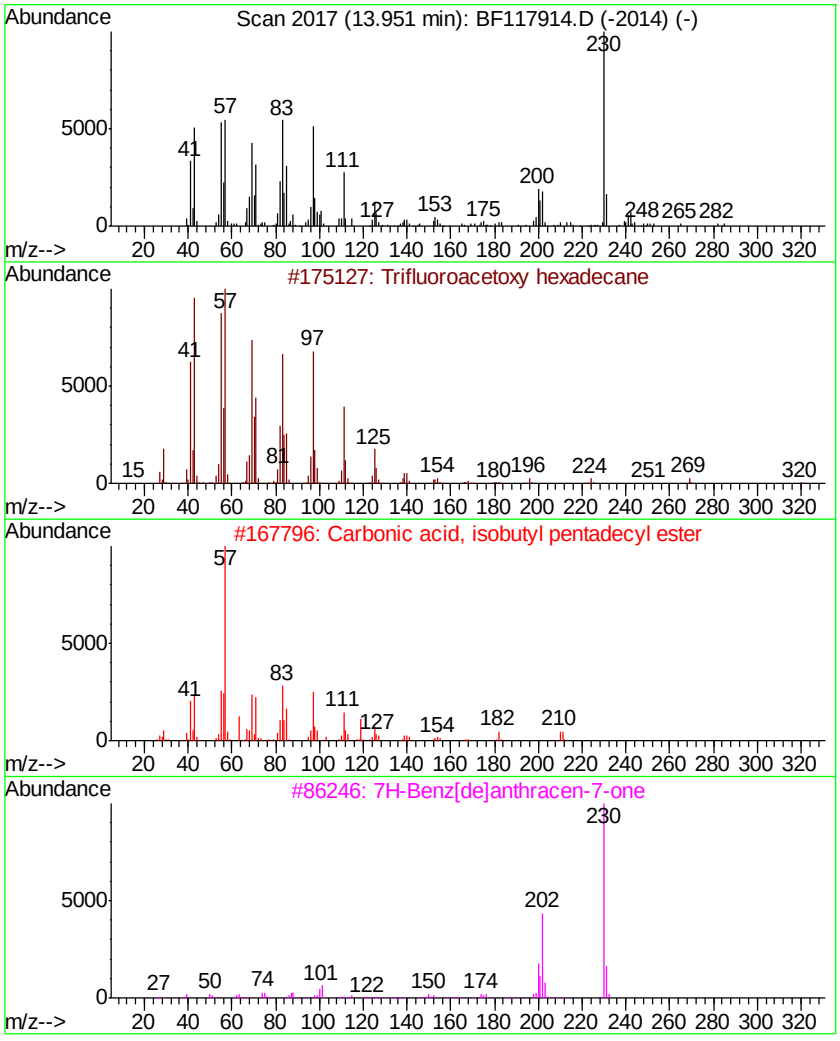
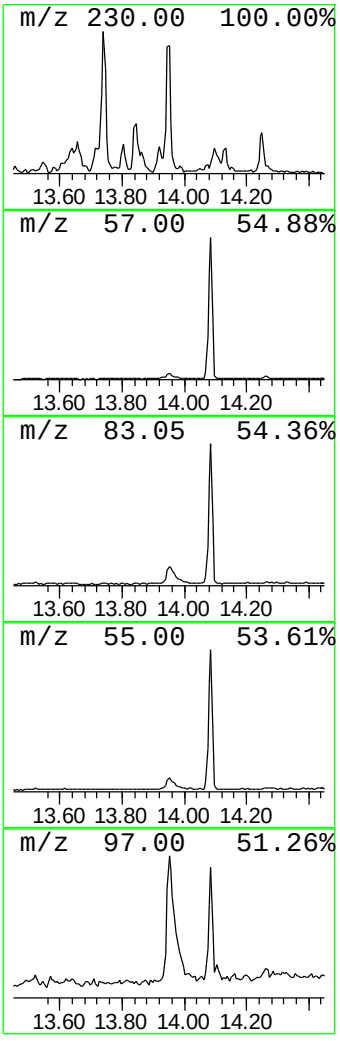
Peak Number 13 unknown13.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.20 ng	428520	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	46
2	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	43
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	38
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	38





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Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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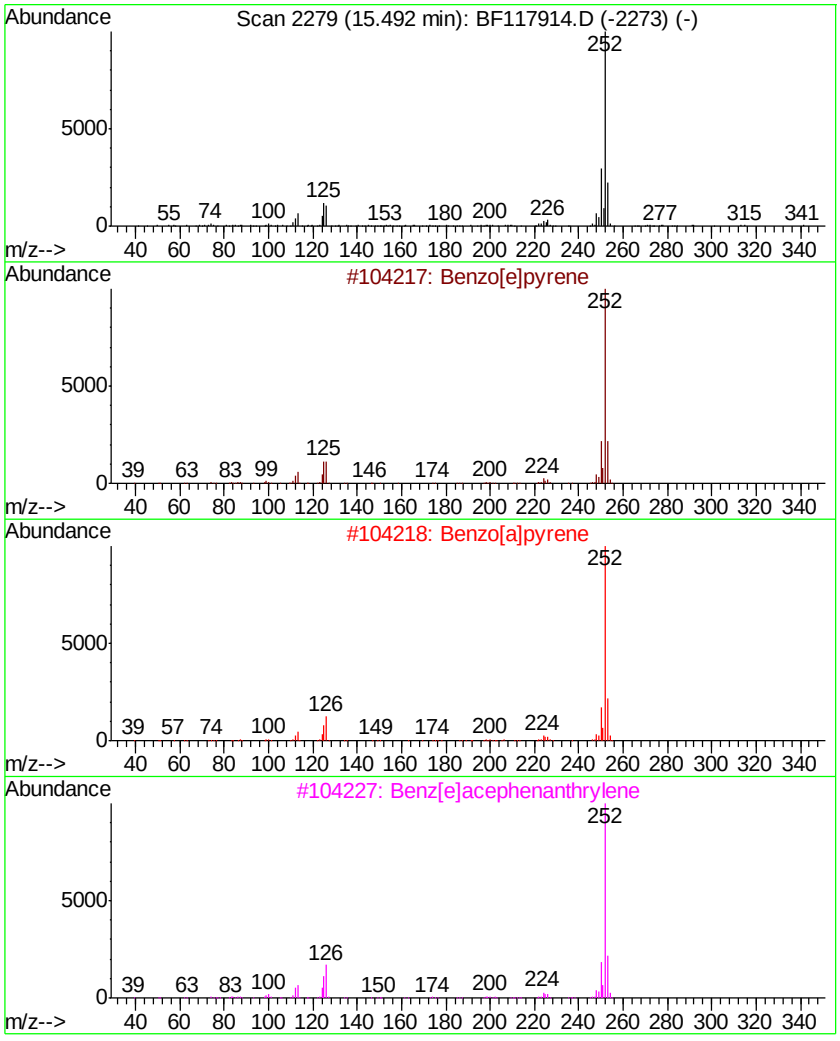
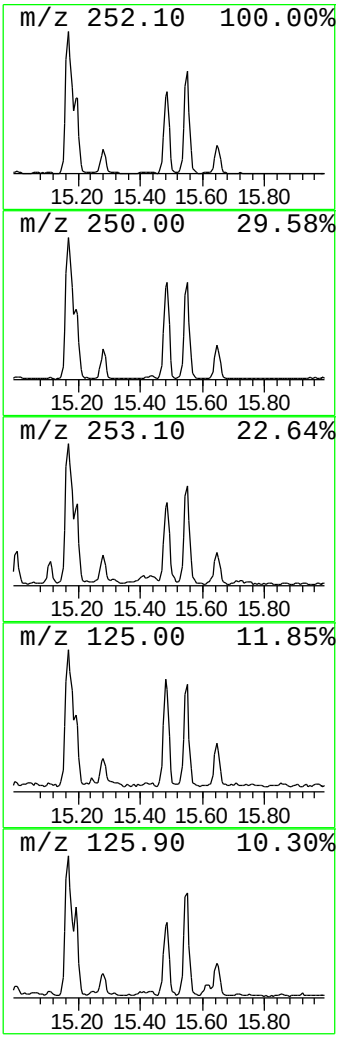
Peak Number 14 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.40 ng	443268	Perylene-d12	15.62

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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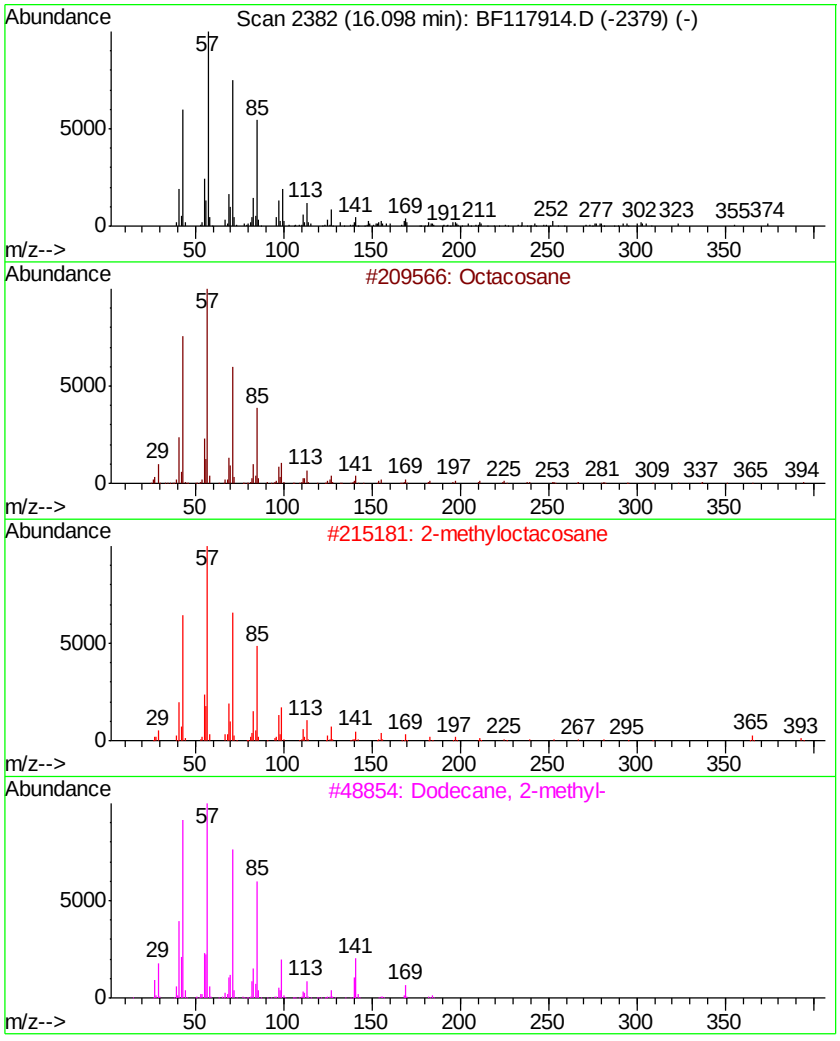
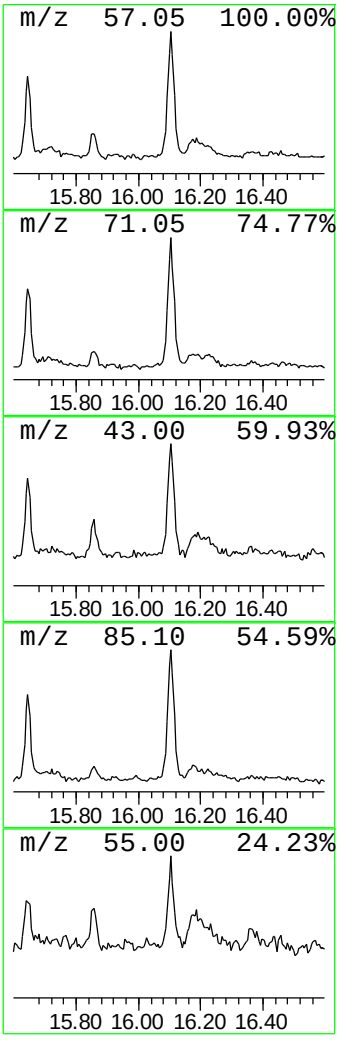
Peak Number 15 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	4.03 ng	279052	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	90





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Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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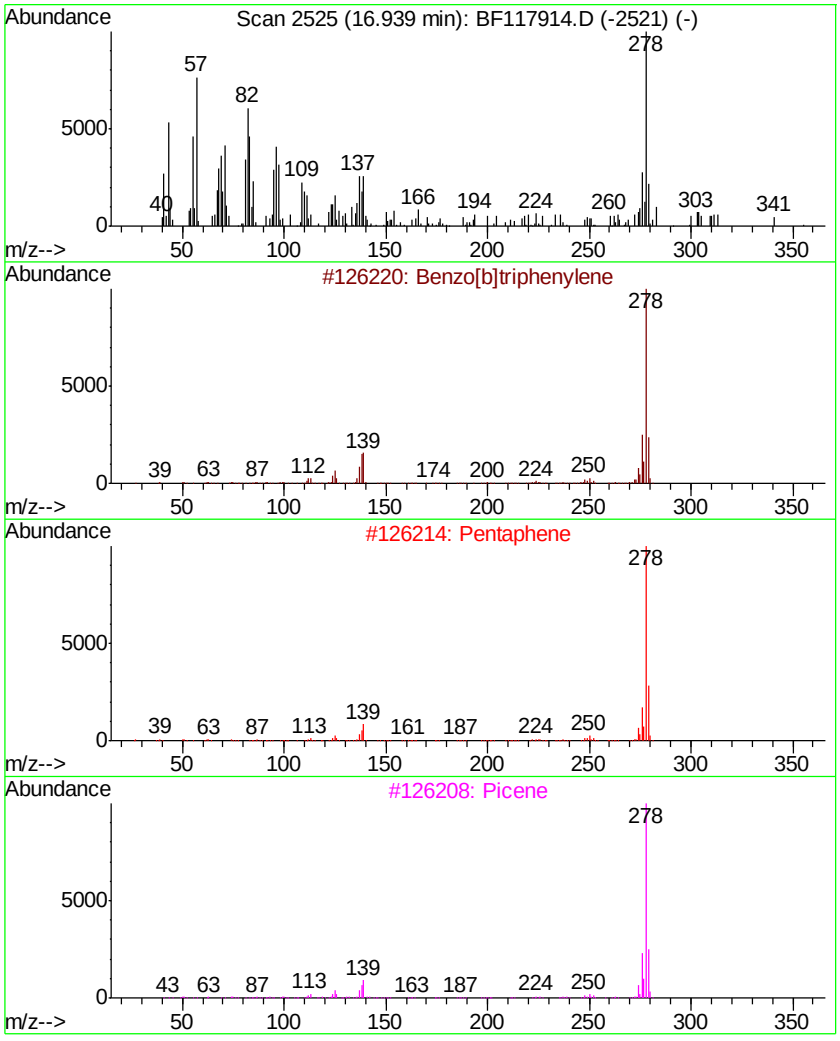
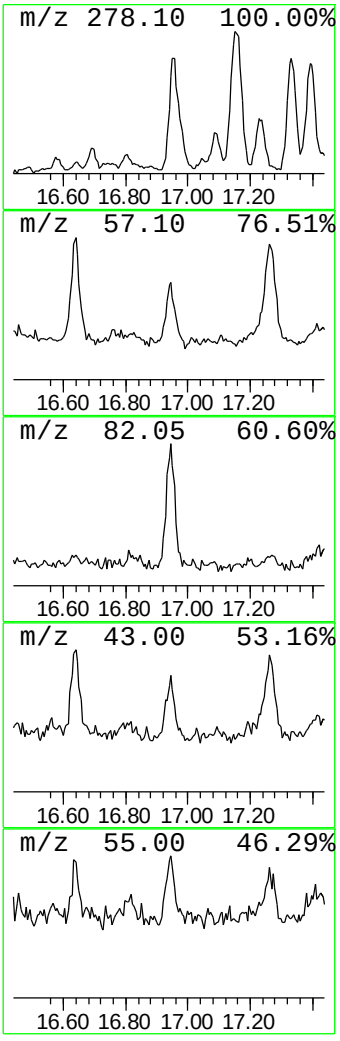
Peak Number 16 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	3.23 ng	223714	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
2	Pentaphene	278	C22H14	000222-93-5	64
3	Picene	278	C22H14	000213-46-7	64
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5	Benzo[b]chrysene	278	C22H14	000214-17-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112119\
Data File : BF117914.D
Acq On : 21 Nov 2019 16:06
Operator : JU
Sample : K5937-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RT4221-RBR200031

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	20.1	ng	910072	1	6.92	903591	20.0
2-Pentanone, 4-hy...	5.12	9.9	ng	446006	1	6.92	903591	20.0
unknown6.68	6.68	62.6	ng	2828370	1	6.92	903591	20.0
1,2,4-Triazine-3(...	11.53	2.0	ng	157040	4	11.46	1565980	20.0
n-Hexadecanoic acid	11.98	17.1	ng	1341230	4	11.46	1565980	20.0
4H-Cyclopenta[def...	12.07	3.0	ng	238286	4	11.46	1565980	20.0
Octadecanoic acid	12.77	13.1	ng	1024750	4	11.46	1565980	20.0
11H-Benzo[b]fluorene	13.23	2.6	ng	181831	5	14.10	1382330	20.0
Pyrene, 2-methyl-	13.30	2.1	ng	147477	5	14.10	1382330	20.0
Pyrene, 1-methyl-	13.34	2.1	ng	144540	5	14.10	1382330	20.0
Benzo[b]naphtho[2...	13.85	2.3	ng	159537	5	14.10	1382330	20.0
unknown13.95	13.95	6.2	ng	428520	5	14.10	1382330	20.0
Benzo[e]pyrene	15.49	6.4	ng	443268	6	15.62	1385360	20.0
Octacosane	16.10	4.0	ng	279052	6	15.62	1385360	20.0
Picene	16.94	3.2	ng	223714	6	15.62	1385360	20.0