LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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	2.169	9	14	33	rVB	711529	1014848	24.61%	2.584%
2	4.493	405	409	416	rBV	258900	276987	6.72%	0.705%
3	5.116	507	515	518	rBV	1351312	1435481	34.80%	3.654%
4	5.510	577	582	591	rVB	402304	349233	8.47%	0.889%
5	5.740	617	621	625	rVB	100389	91107	2.21%	0.232%
6	6.522	749	754	763	rBV	1829712	1692386	41.03%	4.308%
7	6.663	775	778	782	rBV	778868	687518	16.67%	1.750%
8	6.898	815	818	822	rBV	763596	673487	16.33%	1.715%
9	6.957	825	828	831	rBV	110705	82441	2.00%	0.210%
10	7.057	842	845	849	rVB	2401872	2072536	50.25%	5.276%
11	7.463	909	914	917	rBV	1819219	1609075	39.01%	4.096%
12	7.687	949	952	954	rBV2	39416	42896	1.04%	0.109%
13	7.716	954	957	960	rVB2	41600	46992	1.14%	0.120%
14	8.187	1034	1037	1040	rBV	1008925	834716	20.24%	2.125%
15	8.781	1135	1138	1142	rBV	65076	56246	1.36%	0.143%
16	9.269	1216	1221	1224	rBV	3869826	3250943	78.82%	8.276%
17	9.345	1231	1234	1237	rBV	103812	100971	2.45%	0.257%
18	9.381	1237	1240	1244	rVB	114573	109620	2.66%	0.279%
19	9.663	1284	1288	1291	rVB	585569	525593	12.74%	1.338%
20	9.704	1291	1295	1298	rBV	1154019	912981	22.14%	2.324%
21	9.881	1317	1325	1327	rBV	144703	158667	3.85%	0.404%
22	9.951	1333	1337	1340	rVB	1358016	1067843	25.89%	2.718%
23	10.151	1367	1371	1376	rVB3	50156	73709	1.79%	0.188%
24	10.198	1376	1379	1383	rBV4	41952	56498	1.37%	0.144%
25	10.269	1388	1391	1394	rBV2	38797	53479	1.30%	0.136%
26	10.357	1403	1406	1408	rBV2	42063	49975	1.21%	0.127%
27	10.380	1408	1410	1413	rVV	258099	182546	4.43%	0.465%
28	10.451	1417	1422	1425	rVB7	30616	51764	1.26%	0.132%
29	10.498	1425	1430	1433	rBV3	63192	96418	2.34%	0.245%
30	10.604	1443	1448	1453	rVB	110576	154988	3.76%	0.395%
31	10.657	1454	1457	1460	rVB4	42078	47555	1.15%	0.121%
32	10.686	1460	1462	1466	rBV3	34577	43341	1.05%	0.110%
33	10.739	1469	1471	1476	rVB	163200	136211	3.30%	0.347%
34	10.857	1488	1491	1499	rVB	357881	498879	12.10%	1.270%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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	11.069	1521	1527	1533	rBV	3645123	3717390	90.13%	9.464%
36	11.304	1564	1567	1570	rBV	340985	285090	6.91%	0.726%
37	11.339	1570	1573	1579	rVB2	188143	222806	5.40%	0.567%
38	11.445	1587	1591	1593	rBV	1644064	1345696	32.63%	3.426%
39	11.469	1593	1595	1598	rVV	427971	353235	8.56%	0.899%
40	11.522	1601	1604	1607	rVB	158151	143642	3.48%	0.366%
41	11.616	1618	1620	1624	rVB2	51988	52107	1.26%	0.133%
42	11.686	1624	1632	1638	rBV4	78032	193806	4.70%	0.493%
43	11.733	1638	1640	1643	rVB	349263	269046	6.52%	0.685%
44	11.898	1665	1668	1671	rBV2	55875	73266	1.78%	0.187%
45	11.945	1673	1676	1678	rVV	92337	113904	2.76%	0.290%
46	11.969	1678	1680	1683	rVV2	232163	268719	6.52%	0.684%
47	12.004	1683	1686	1688	rVV	163795	162140	3.93%	0.413%
48	12.063	1692	1696	1698	rVV2	105734	156962	3.81%	0.400%
49	12.080	1698	1699	1703	rVV	80502	78668	1.91%	0.200%
50	12.145	1707	1710	1713	rBV	332598	272551	6.61%	0.694%
51	12.233	1721	1725	1734	rBV	1972720	1815667	44.02%	4.622%
52	12.392	1750	1752	1755	rVB	62107	43618	1.06%	0.111%
53	12.427	1755	1758	1760	rBV	96114	82596	2.00%	0.210%
54	12.486	1765	1768	1773	rBV2	164963	235796	5.72%	0.600%
55	12.533	1773	1776	1779	rBV	321735	258390	6.26%	0.658%
56	12.663	1795	1798	1801	rBV	491942	450280	10.92%	1.146%
57	12.757	1811	1814	1816	rBV2	76580	83025	2.01%	0.211%
58	12.892	1832	1837	1838	rBV	439948	432756	10.49%	1.102%
59	13.039	1857	1862	1865	rBV	4221399	4124503	100.00%	10.500%
60	13.110	1871	1874	1877	rBV3	49323	71993	1.75%	0.183%
61	13.169	1882	1884	1887	rBV3	50589	49699	1.20%	0.127%
62	13.257	1895	1899	1903	rBV2	529607	661040	16.03%	1.683%
63	13.463	1930	1934	1935	rBV2	55571	79711	1.93%	0.203%
64	13.604	1955	1958	1962	rBV	136057	133008	3.22%	0.339%
65	13.845	1996	1999	2002	rVB3	63629	69804	1.69%	0.178%
66	13.892	2005	2007	2009	rVV	52335	55199	1.34%	0.141%
67	13.933	2010	2014	2025	rVB2	497399	773046	18.74%	1.968%
68	14.092	2037	2041	2044	rBV2	935458	858031	20.80%	2.184%
69	14.168	2052	2054	2057	rBV2	47274	48172	1.17%	0.123%
70	14.251	2066	2068	2071	rVB	120777	103931	2.52%	0.265%
71	14.480	2105	2107	2109	rVB	67177	55249	1.34%	0.141%

LSC Area Percent Report

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Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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

72	14.557	2116	2120	2126	rBV	225043	332578	8.06%	0.847%
73	14.874	2168	2174	2178	rBV	207108	315769	7.66%	0.804%
74	15.151	2218	2221	2225	rBV	102680	157968	3.83%	0.402%
75	15.227	2231	2234	2238	rBV	123957	138947	3.37%	0.354%
76	15.463	2272	2274	2281	rVB	164021	219073	5.31%	0.558%
77	15.533	2283	2286	2289	rBV	118427	155695	3.77%	0.396%
78	15.598	2292	2297	2300	rBV	836352	1109715	26.91%	2.825%
79	16.080	2376	2379	2385	rBV	83468	118978	2.88%	0.303%

Sum of corrected areas: 39281195

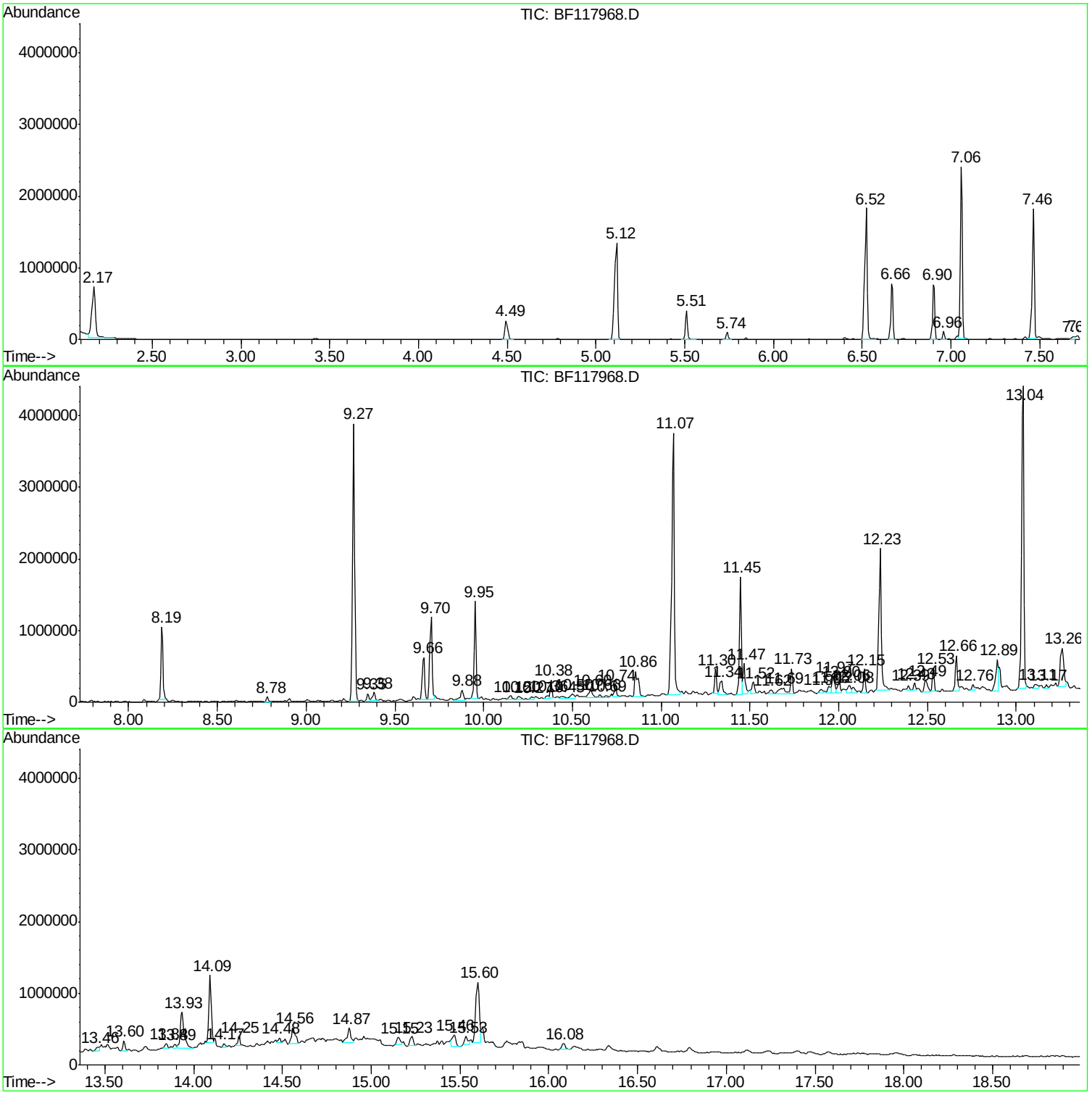
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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

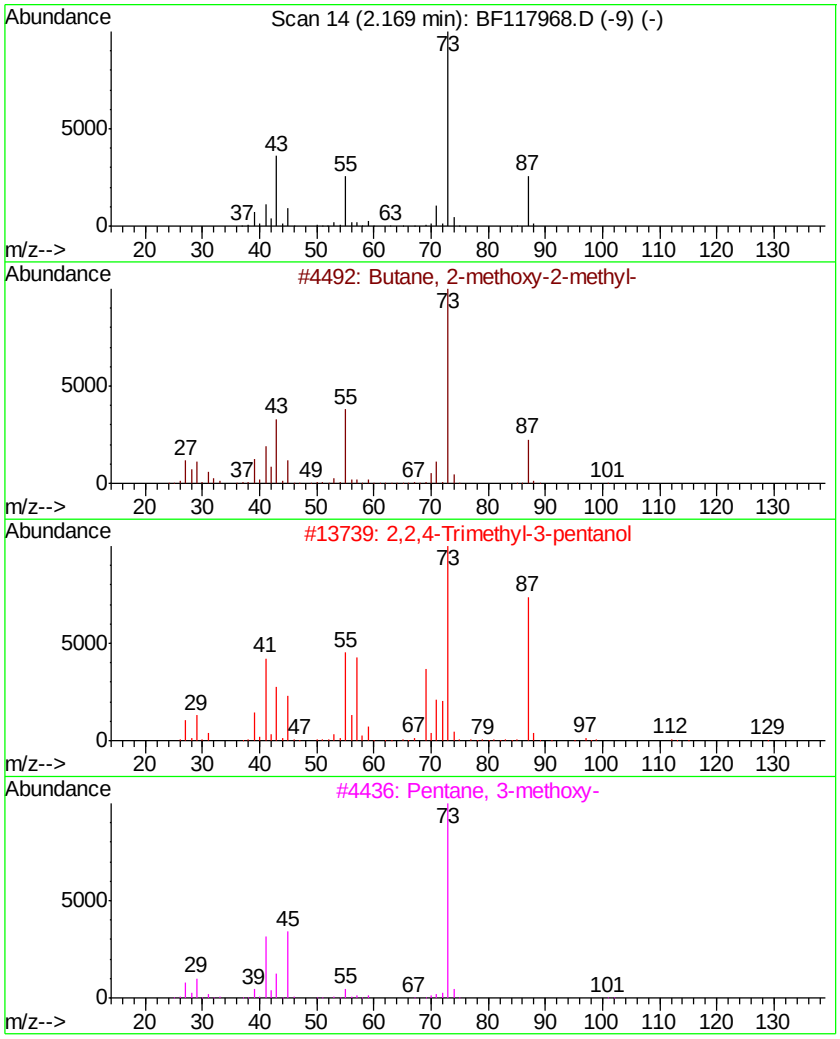
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

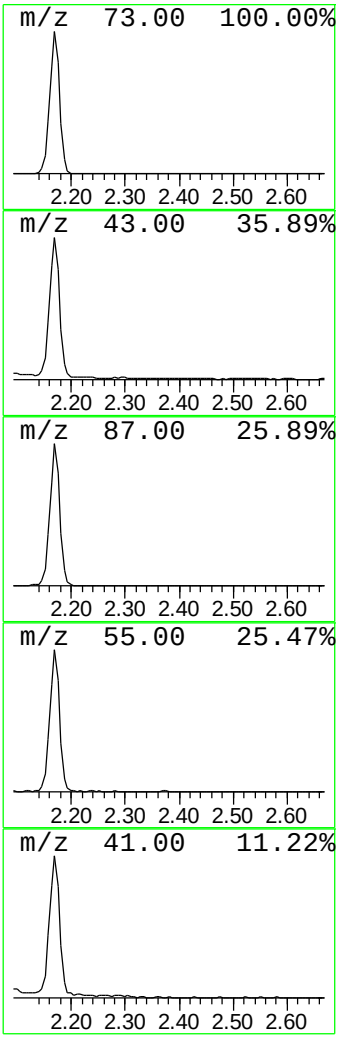
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	30.14 ng	1014850	1,4-Dichlorobenzene-d4	6.90

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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

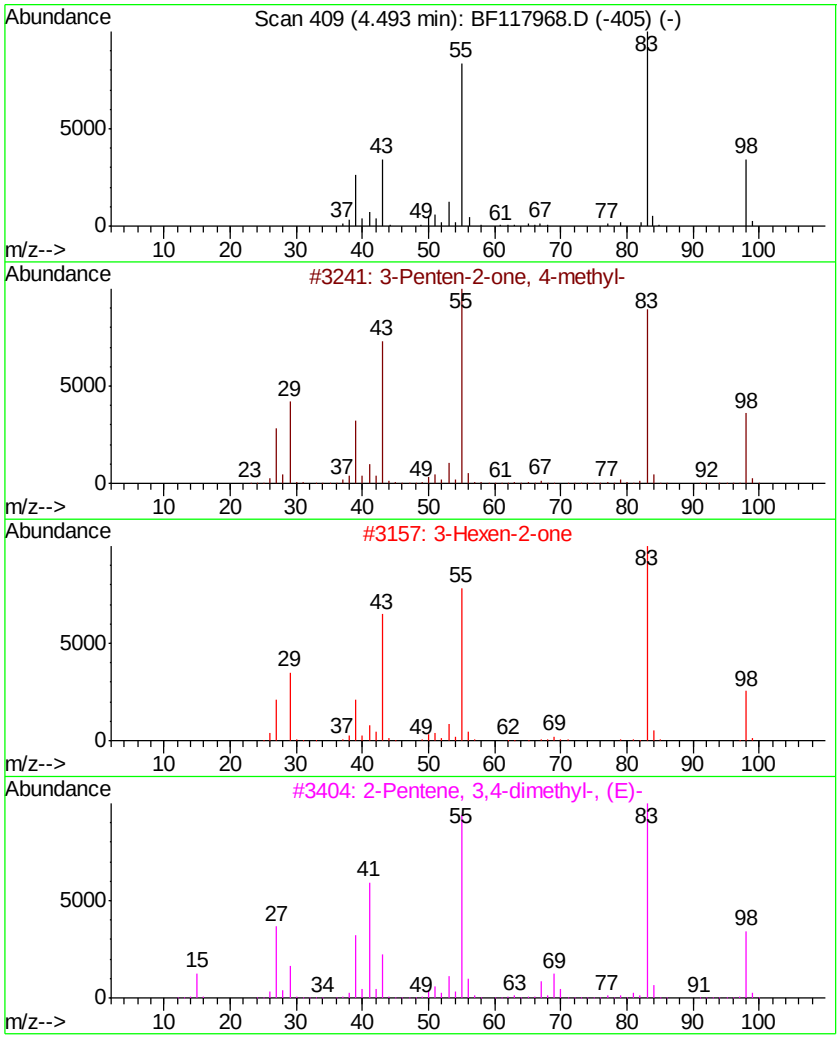
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

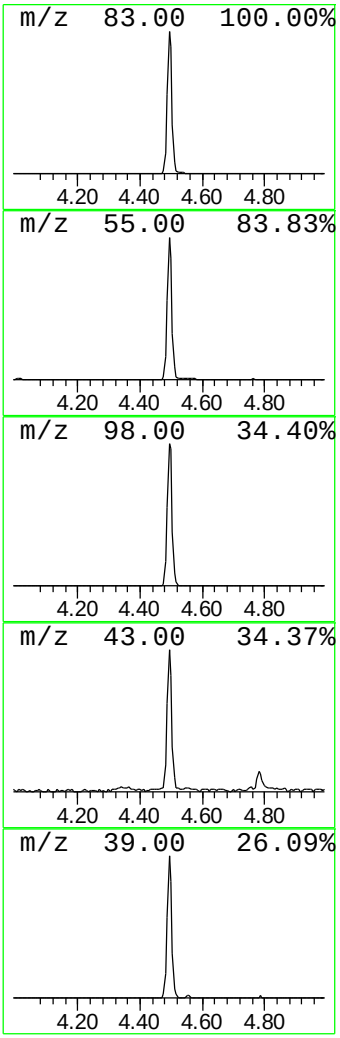
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	8.23 ng	276987	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

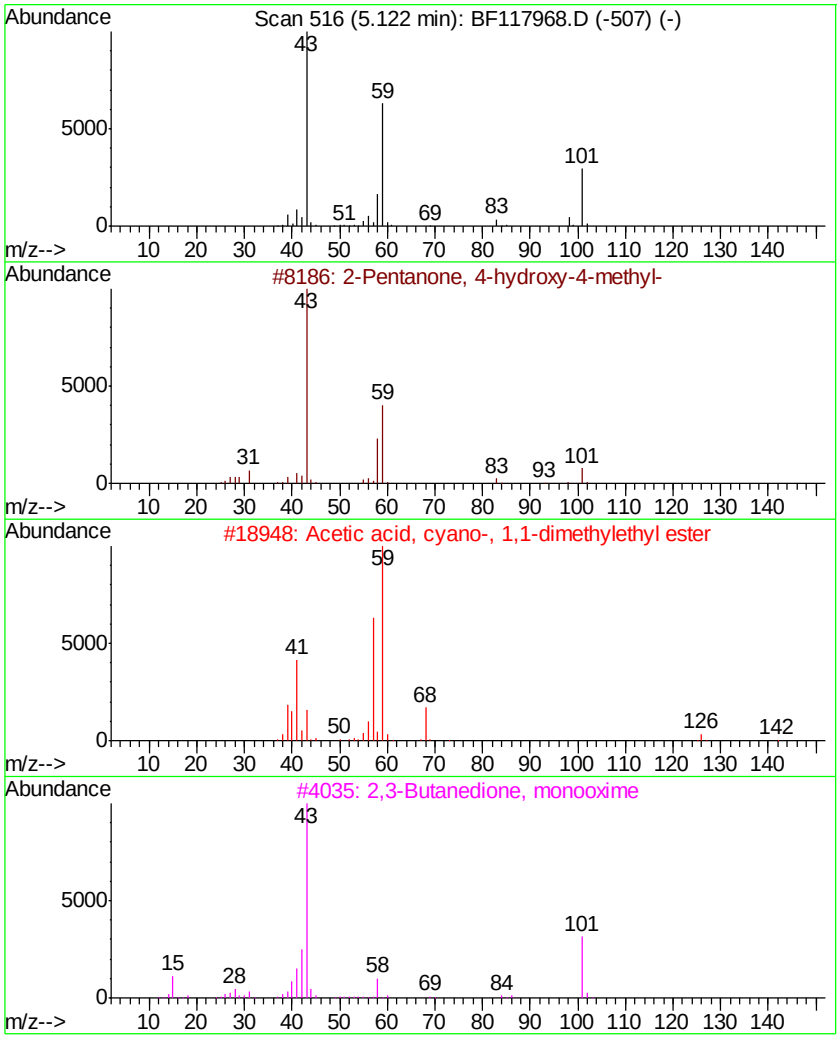
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

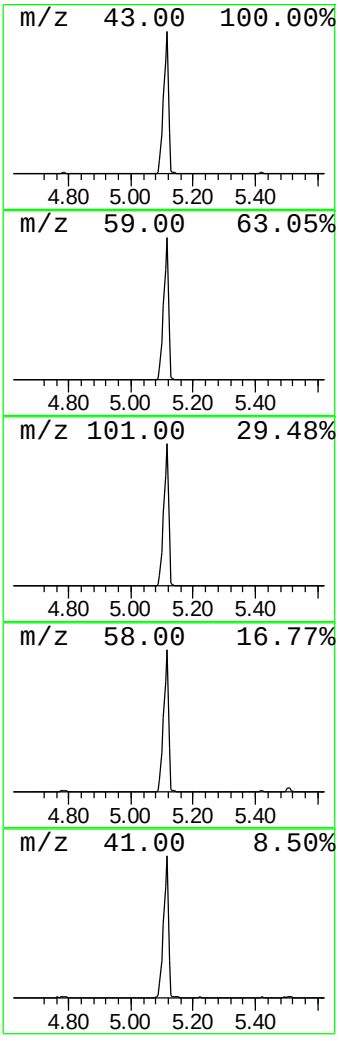
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	42.63 ng	1435480	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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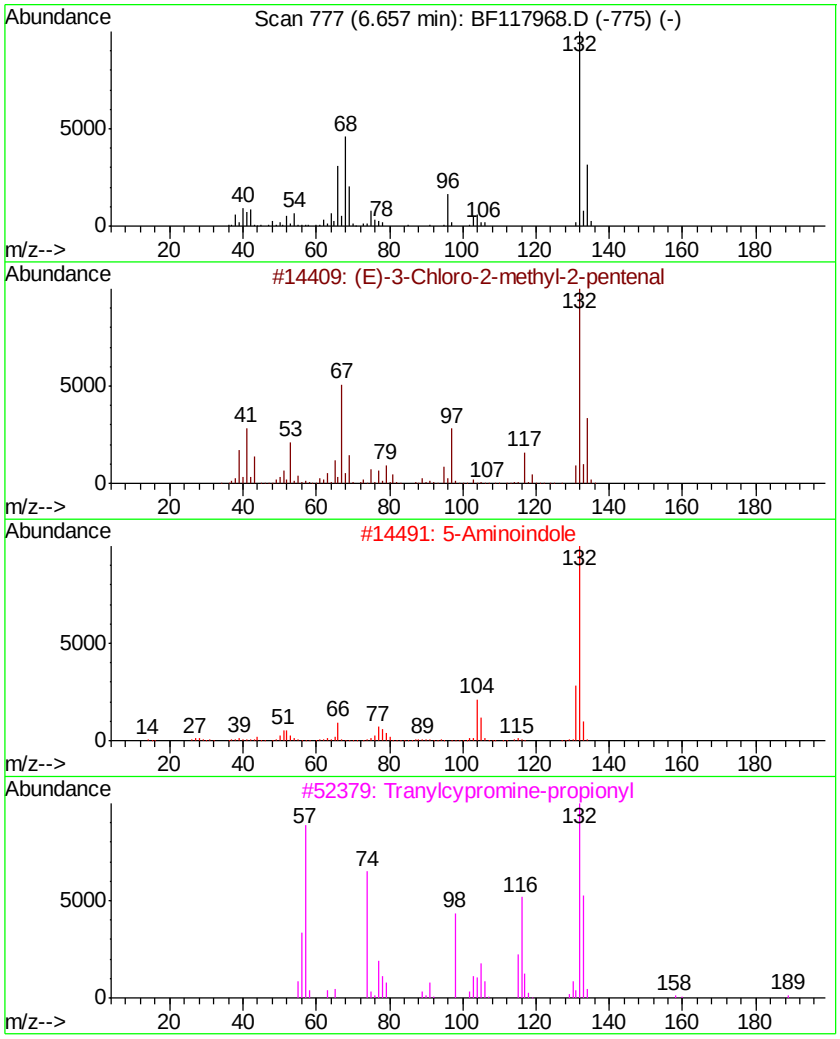
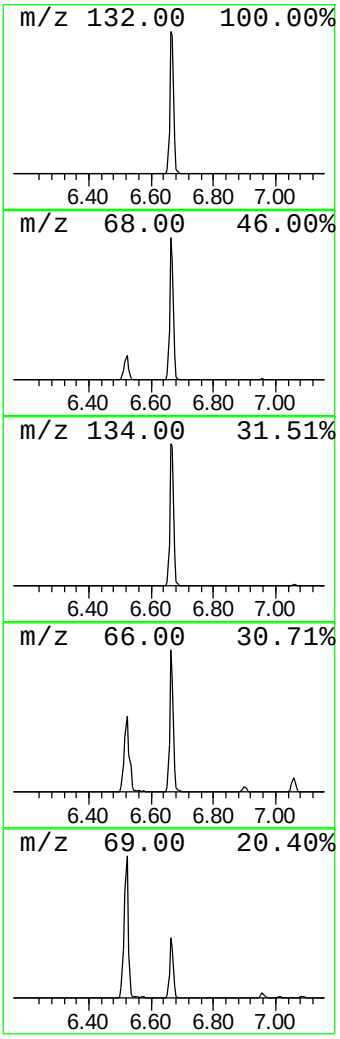
****

Peak Number 4 unknown6.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	20.42 ng	687518	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
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Acq On : 23 Nov 2019 20:31
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Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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

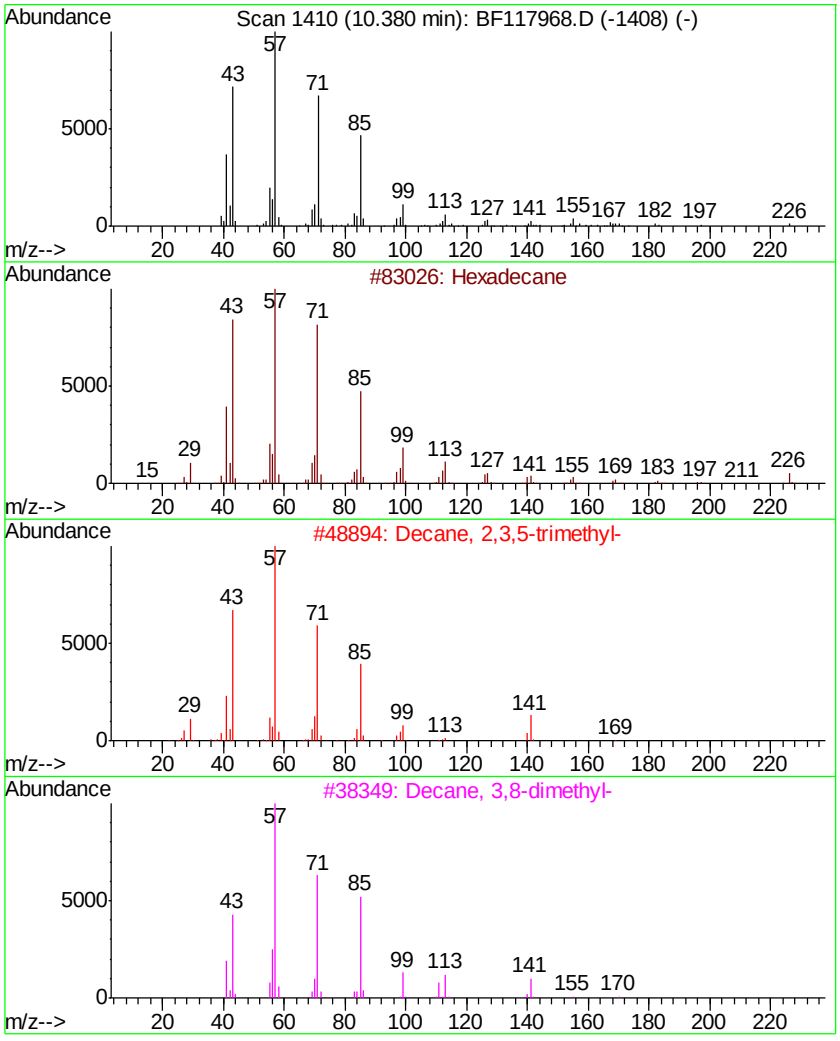
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

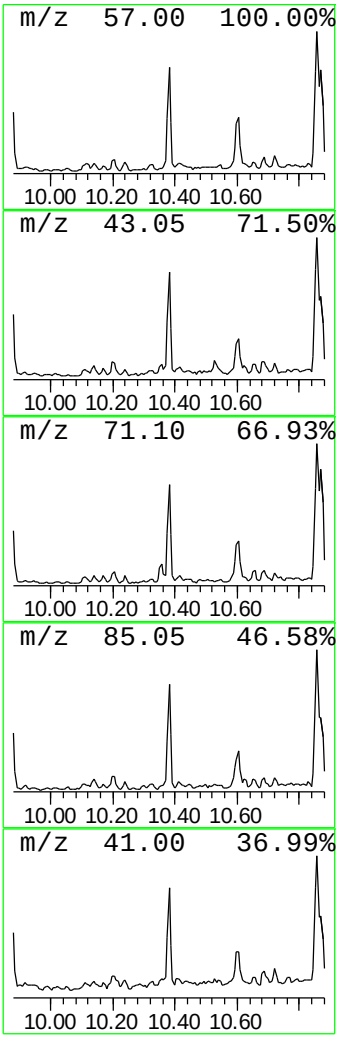
****

Peak Number 6 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.42 ng	182546	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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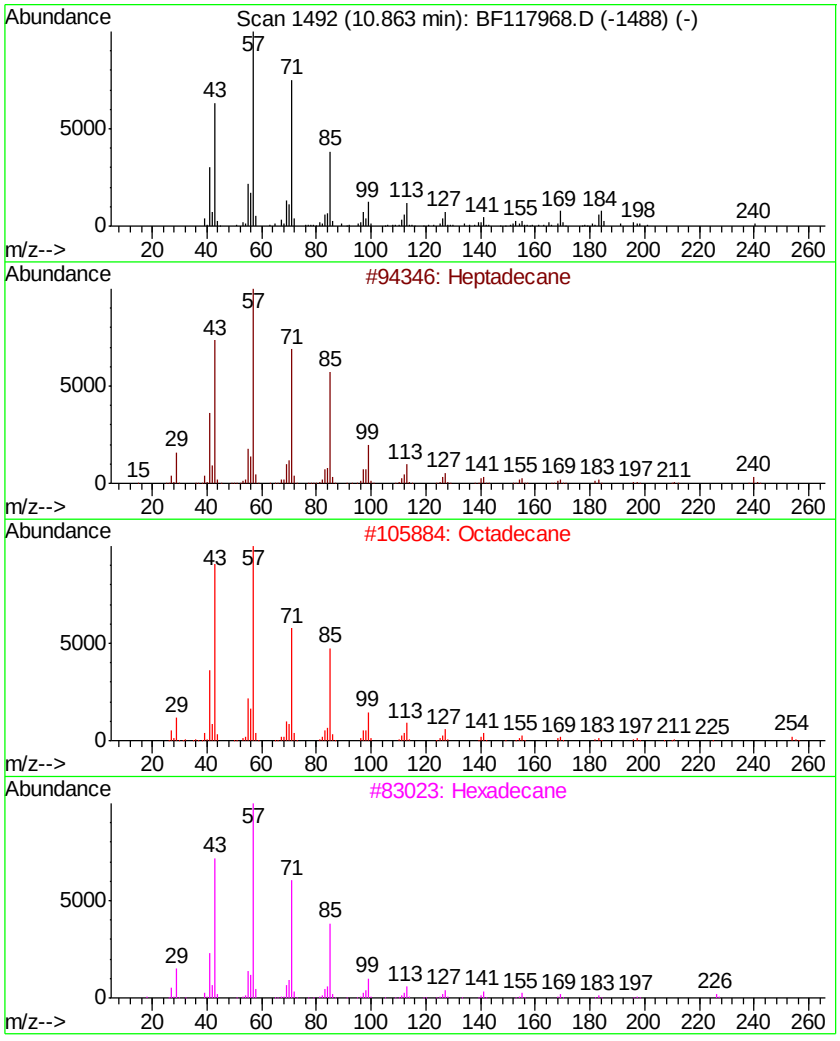
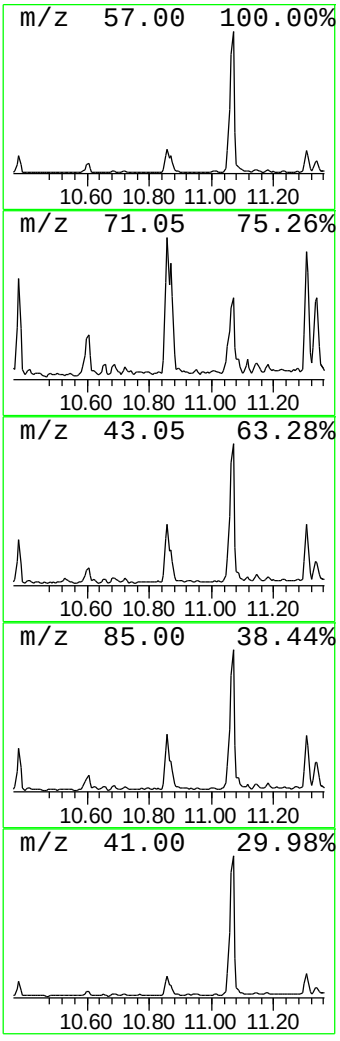
Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.41 ng	498879	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Octacosane	394	C28H58	000630-02-4	87





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Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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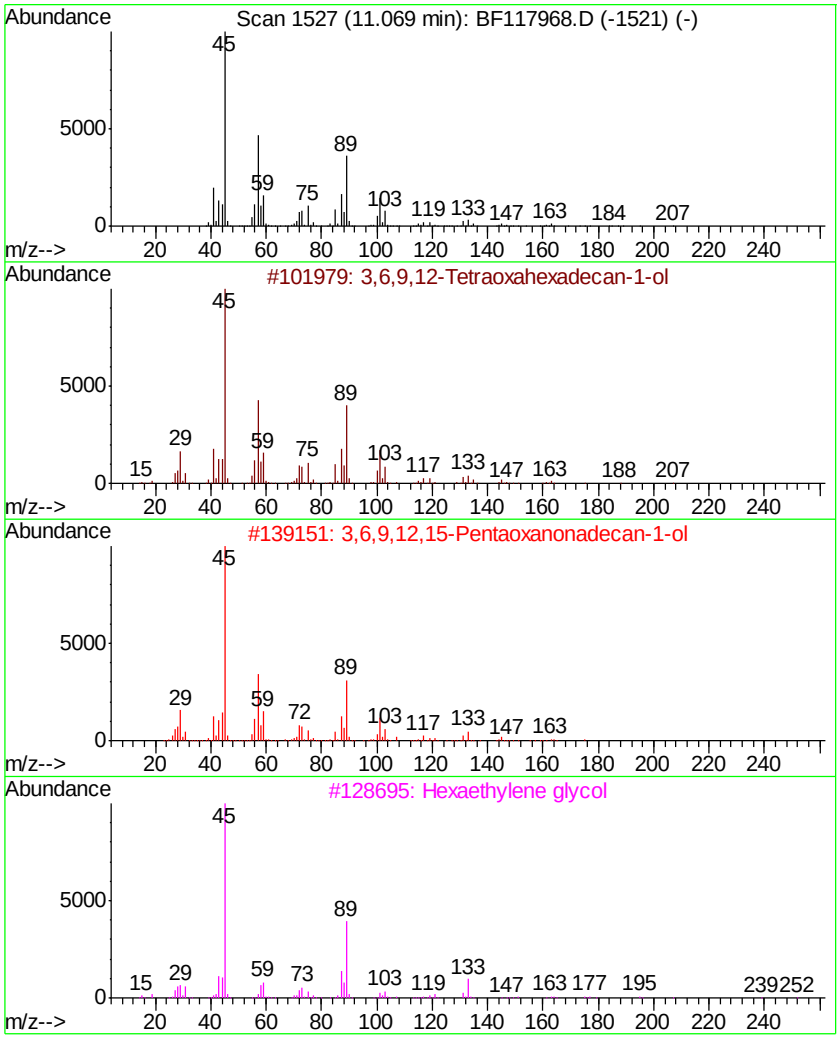
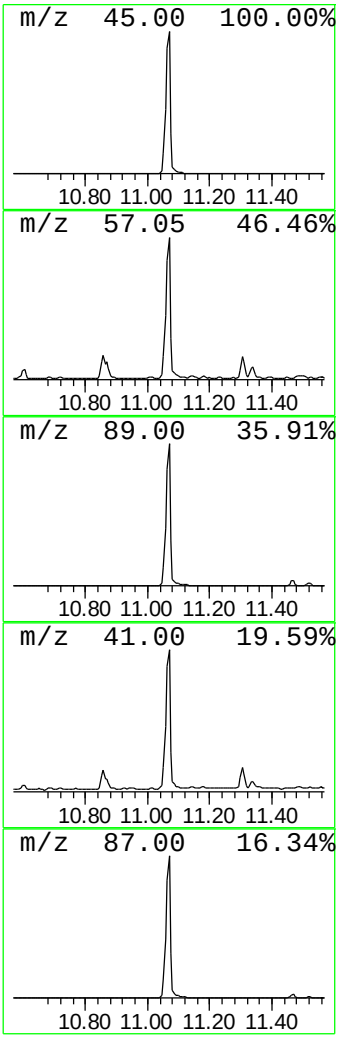
Peak Number 8 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	55.25 ng	3717390	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	91
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	72
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	64





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Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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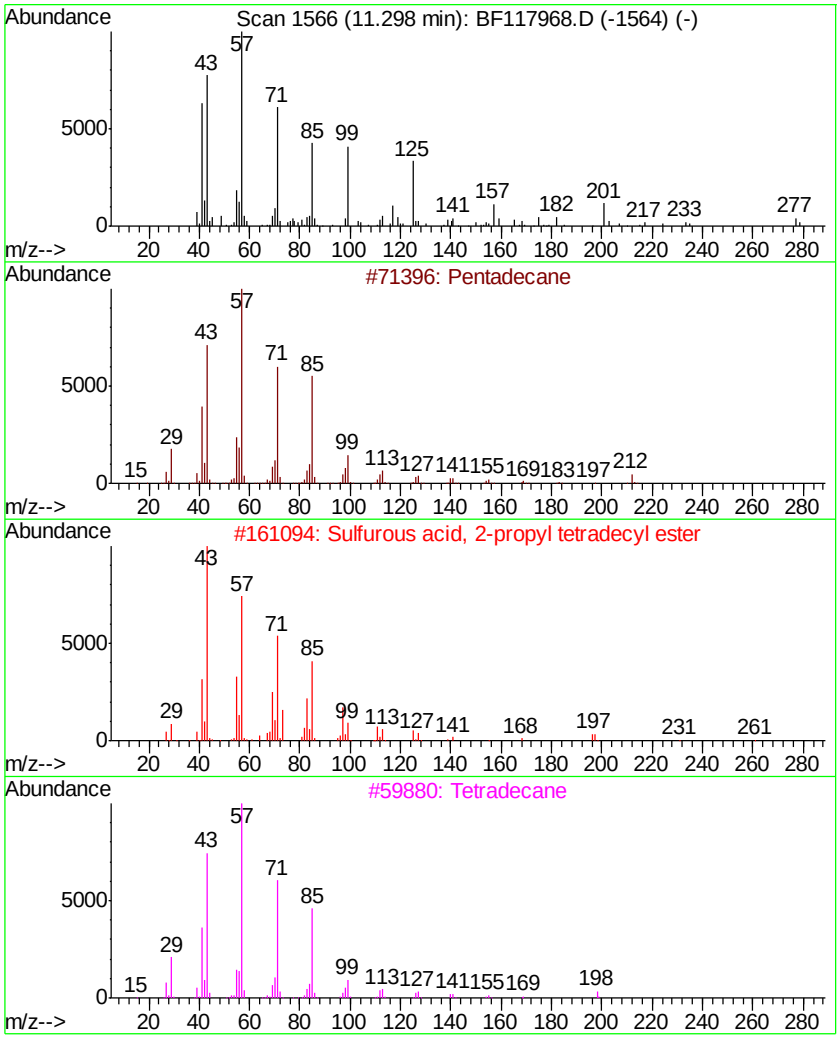
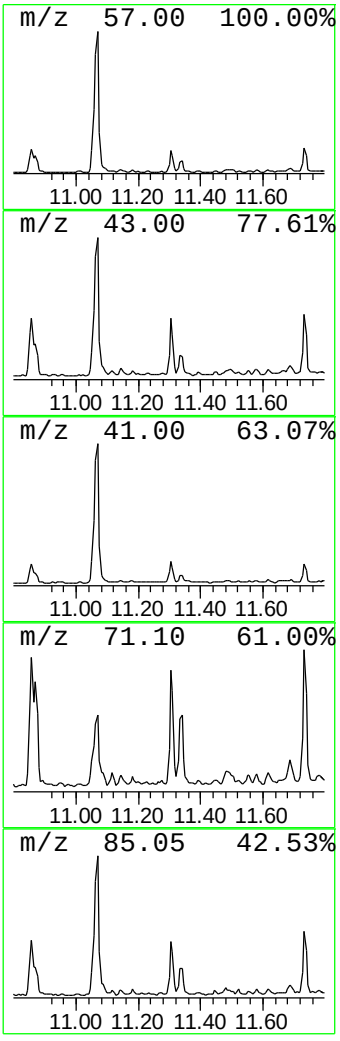
Peak Number 9 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.24 ng	285090	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
3	Tetradecane	198	C14H30	000629-59-4	58
4	Eicosane	282	C20H42	000112-95-8	58
5	Dodecane	170	C12H26	000112-40-3	49





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Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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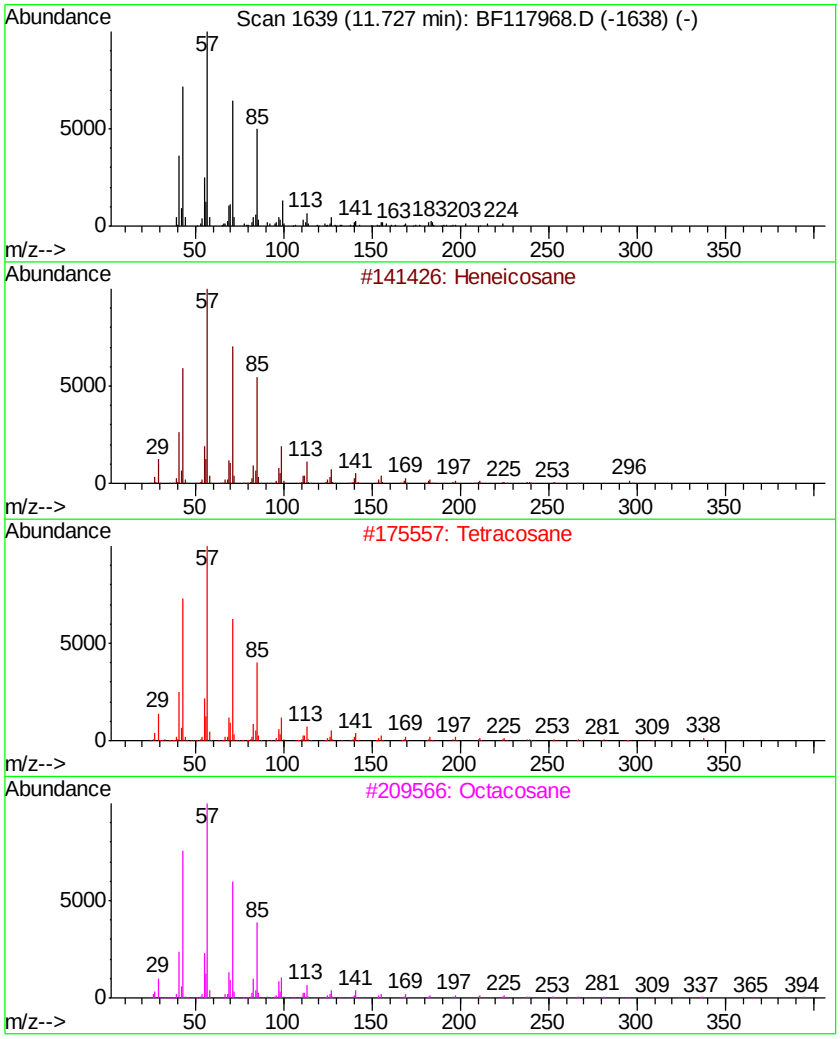
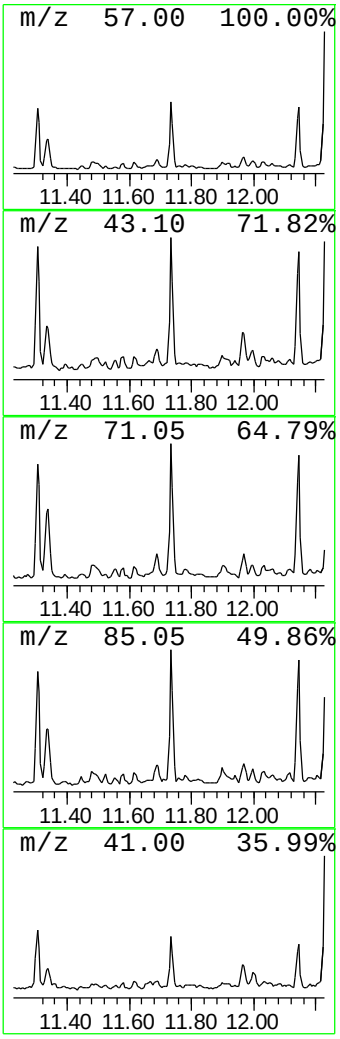
Peak Number 10 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.00 ng	269046	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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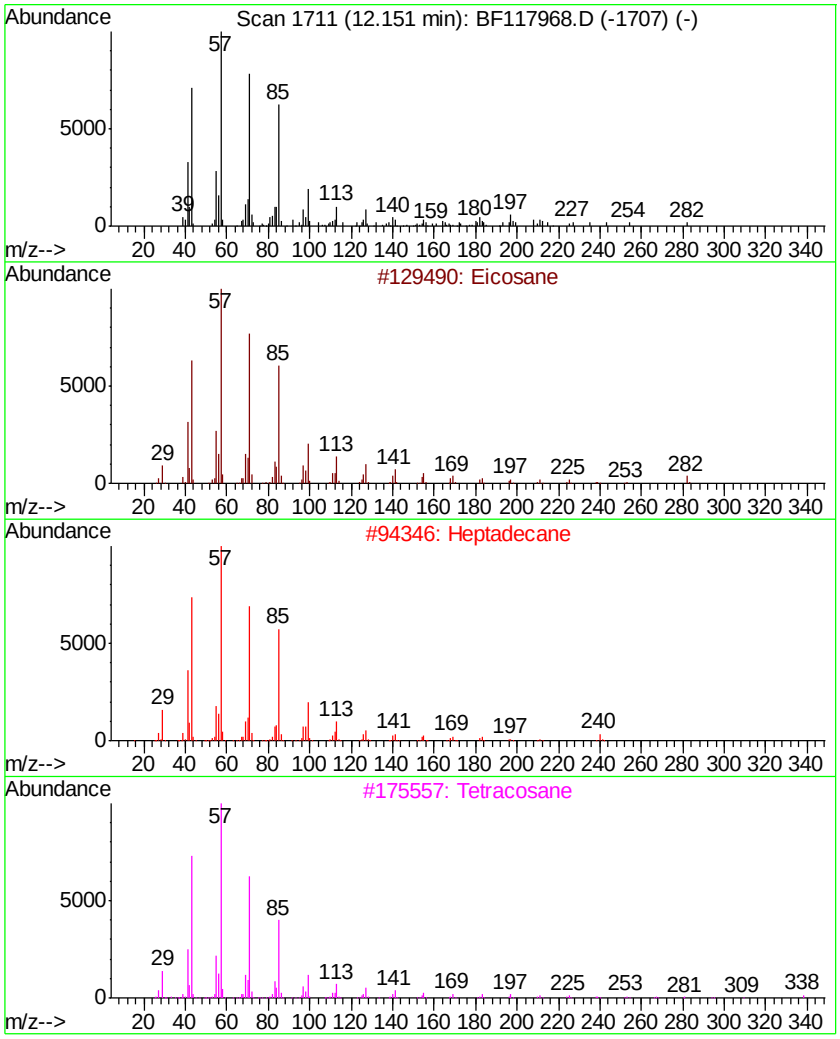
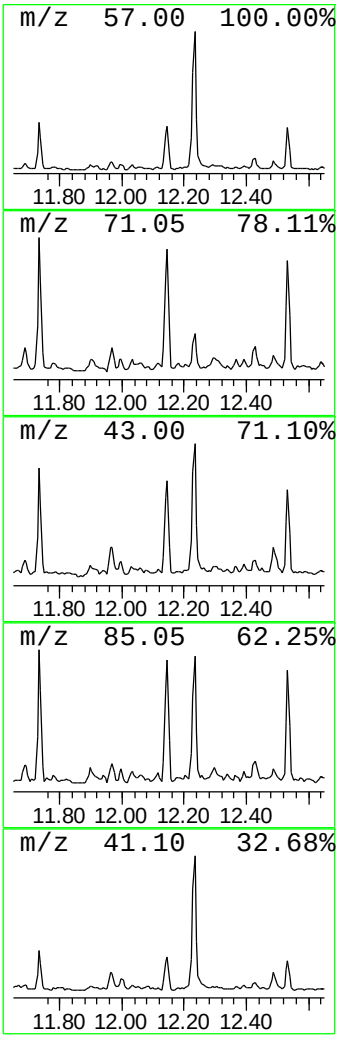
Peak Number 11 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.05 ng	272551	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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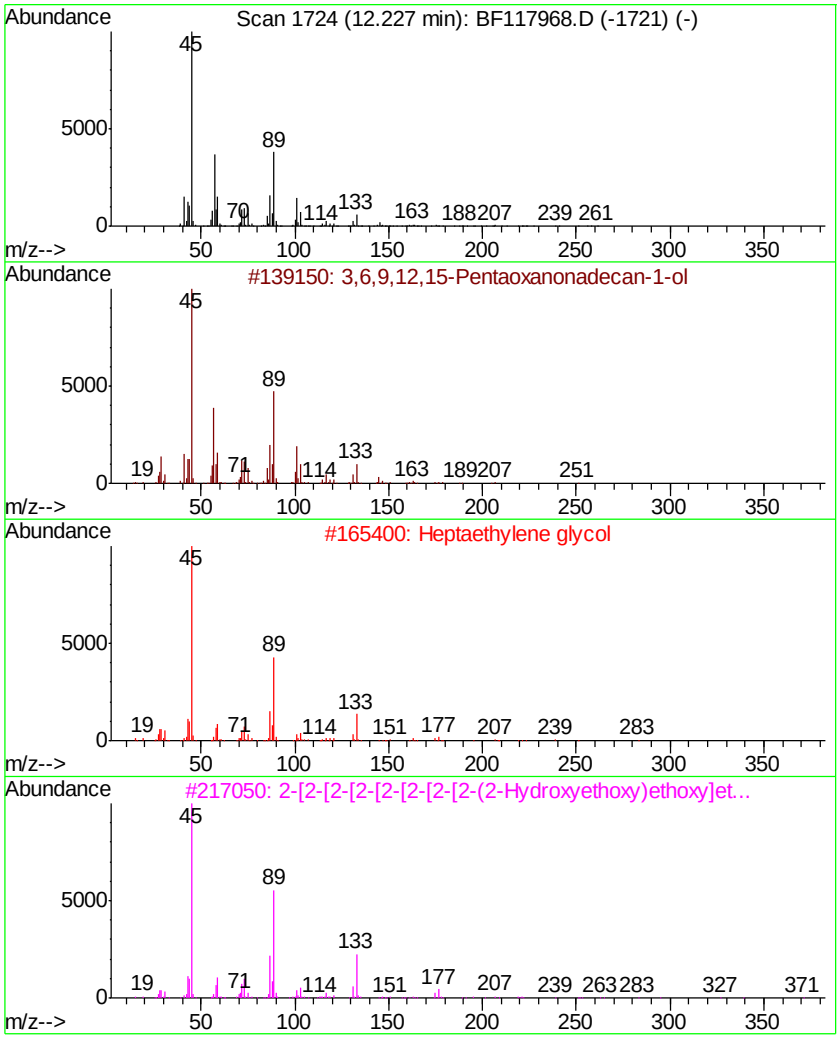
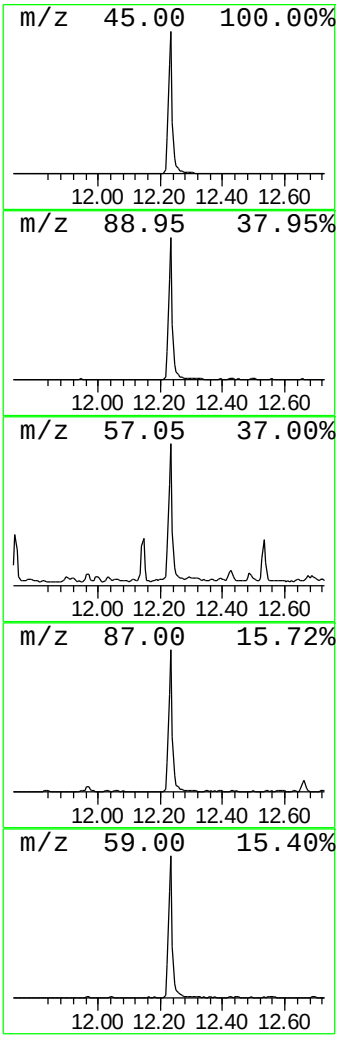
Peak Number 12 Heptaethylene glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	26.98 ng	1815670	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	87
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	86
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	86
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	86





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Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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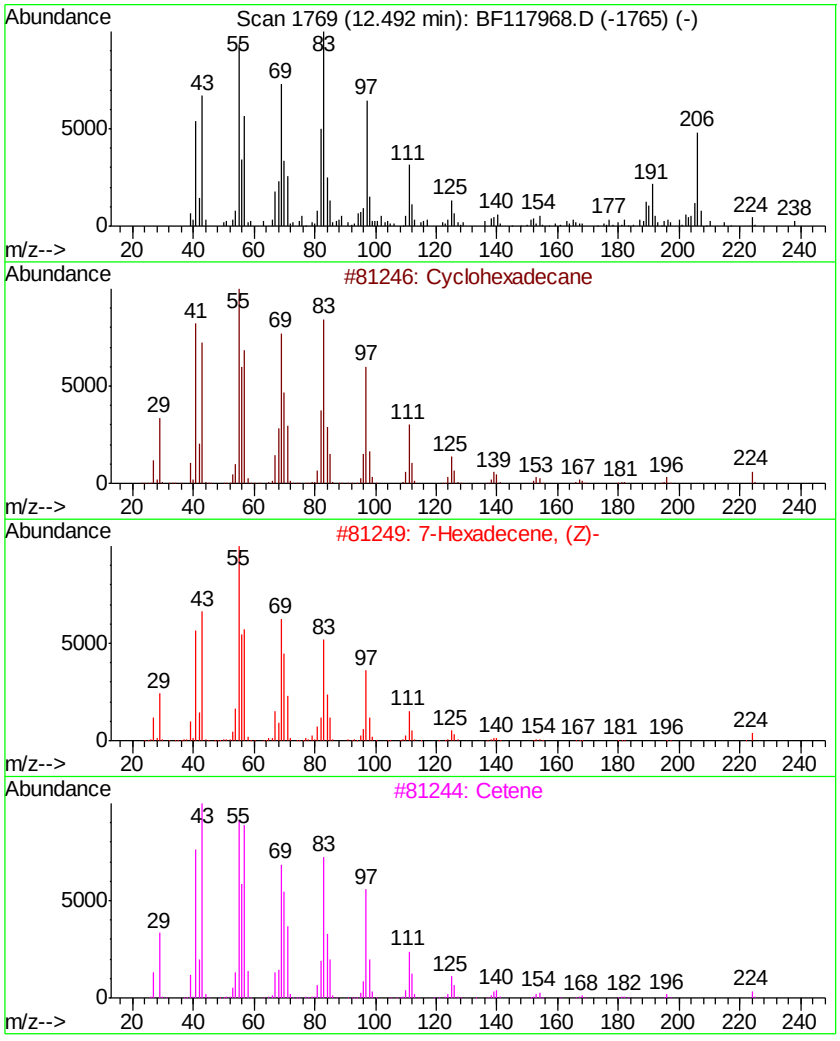
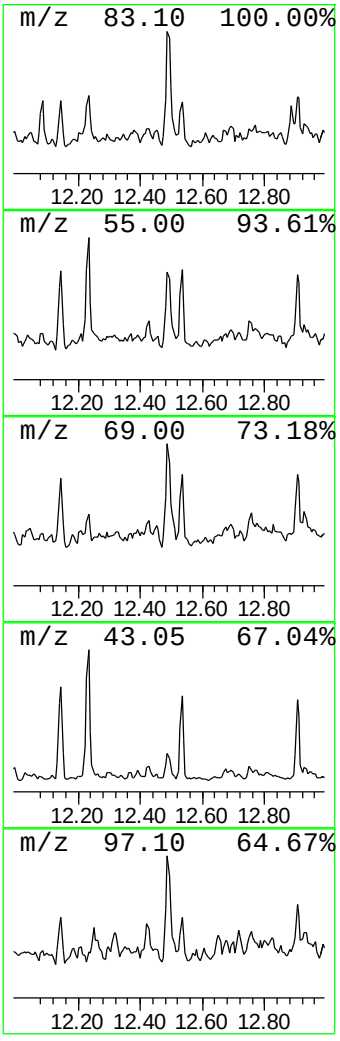
Peak Number 13 Cyclohexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.50 ng	235796	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
3	Cetene	224	C16H32	000629-73-2	96
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
5	Cyclotetradecane	196	C14H28	000295-17-0	95





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Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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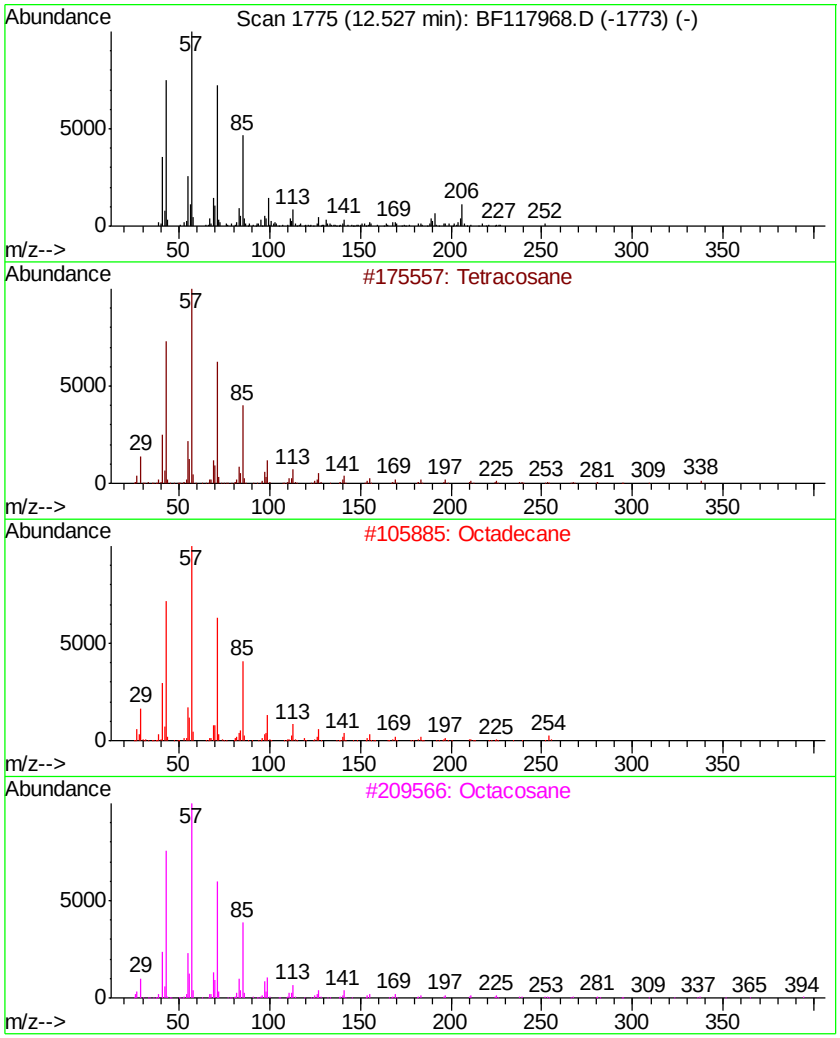
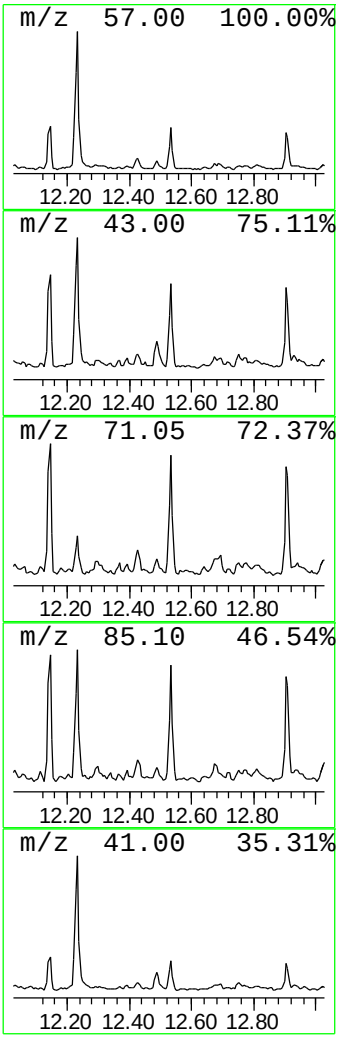
Peak Number 14 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.84 ng	258390	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Octadecane	254	C18H38	000593-45-3	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Hexadecane	226	C16H34	000544-76-3	74





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Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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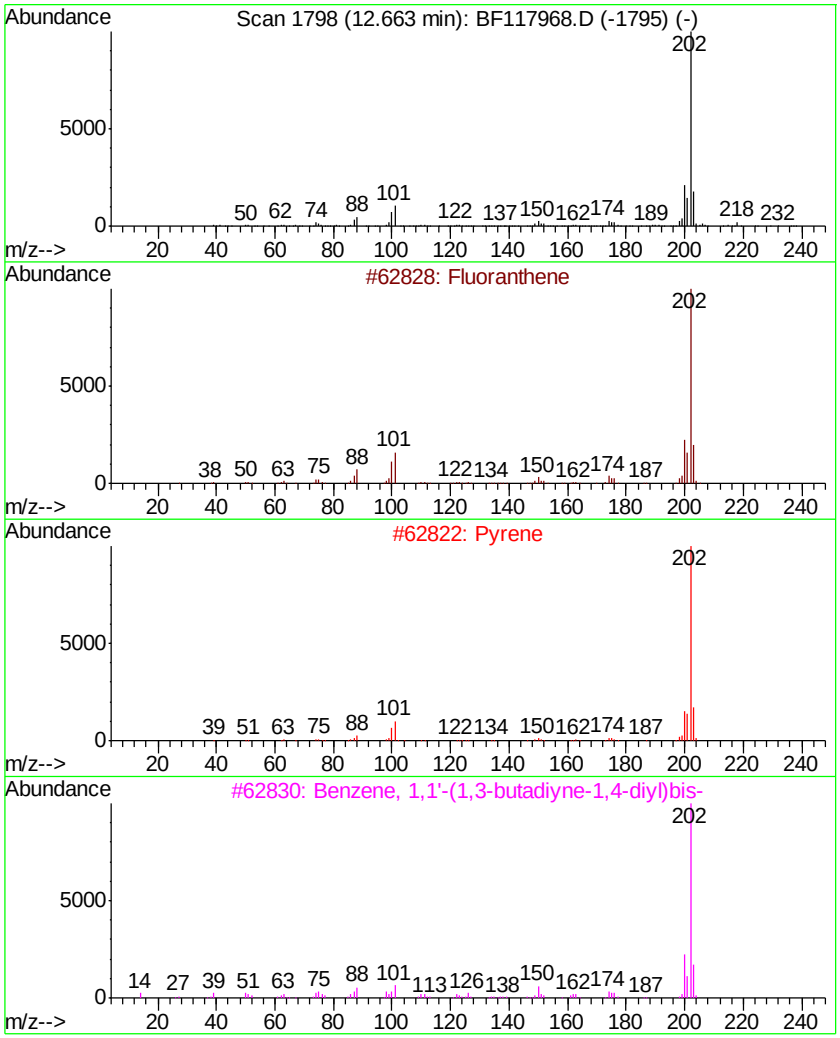
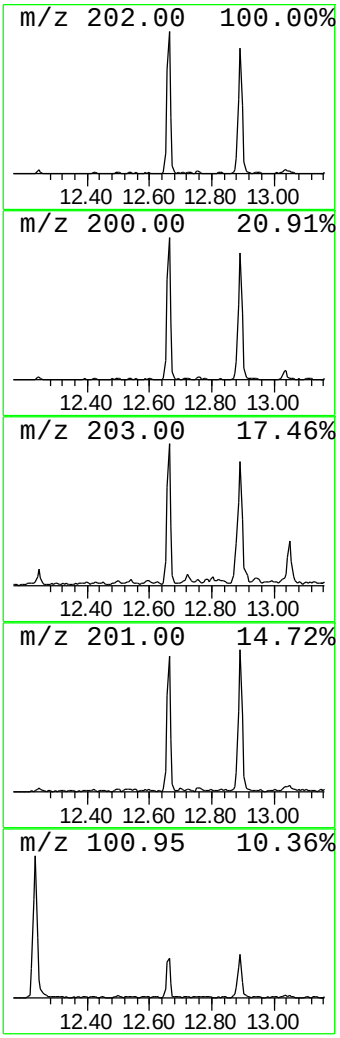
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	6.69 ng	450280	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38
5	2-Butenamide, 3-methyl-N-1H-puri...	217	C10H11N5O	021589-34-4	38





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Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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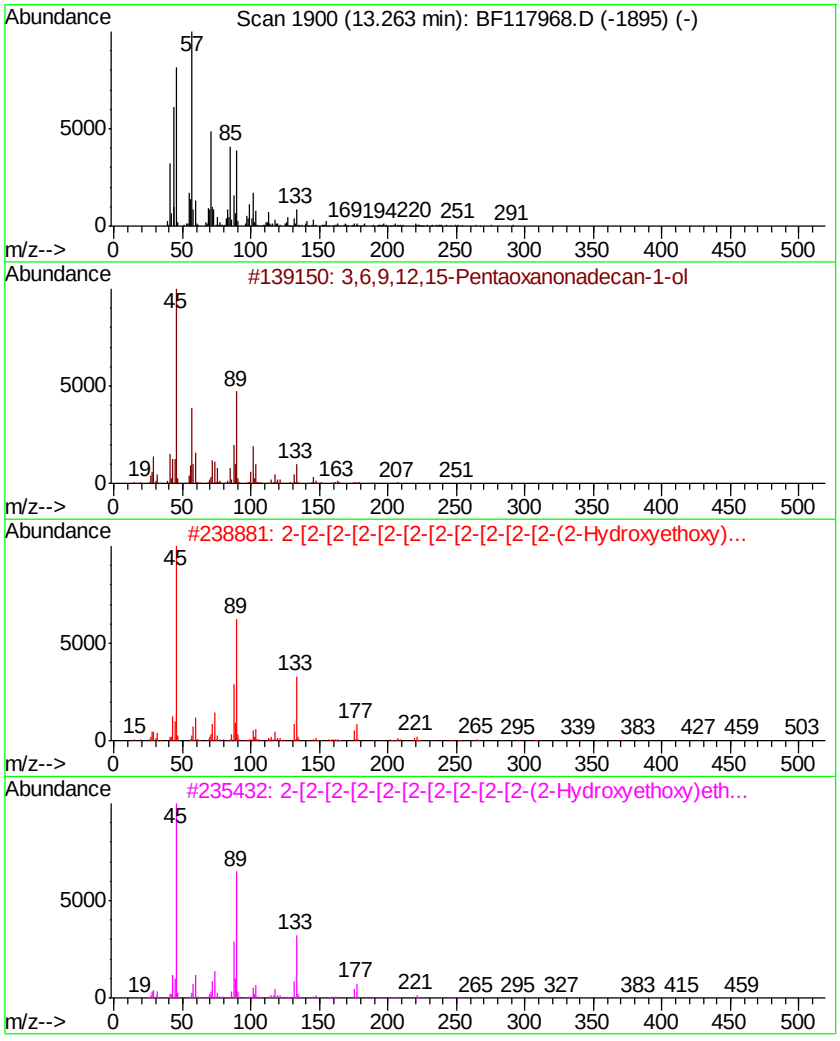
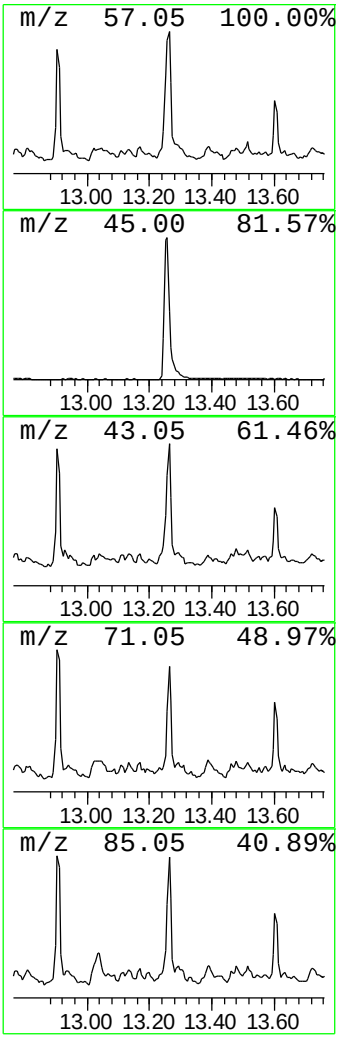
Peak Number 16 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	15.41 ng	661040	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	80
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	80
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	78





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Misc :
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ClientSampleId : 3-(14-16)RX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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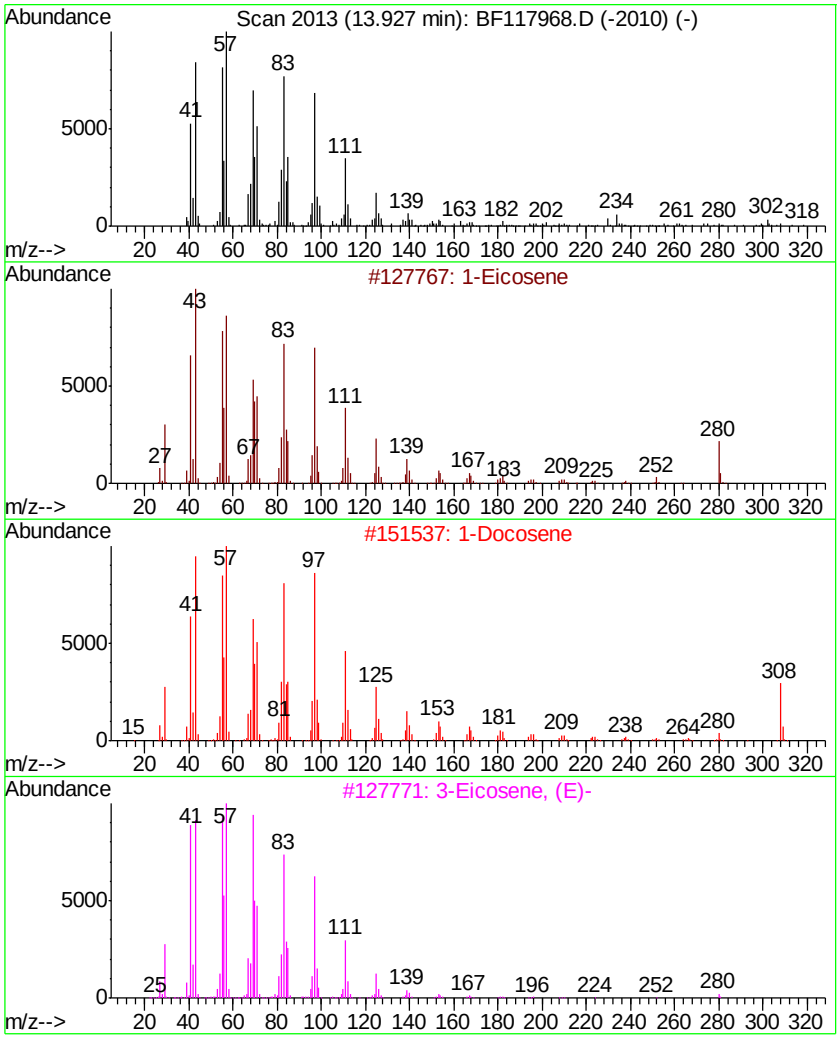
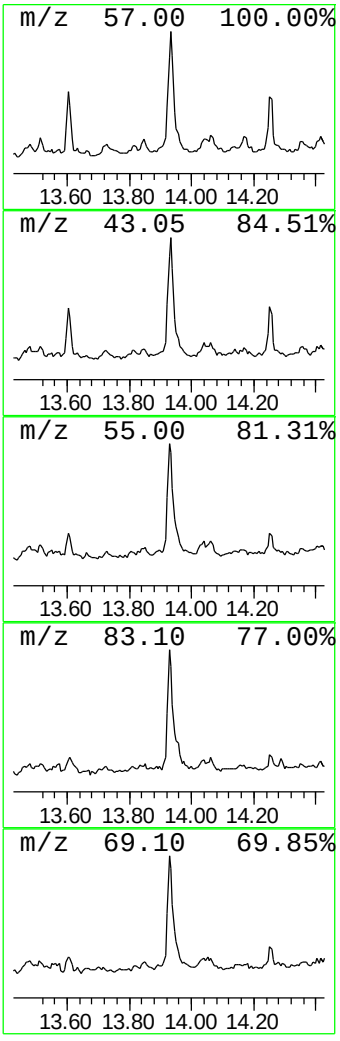
Peak Number 17 1-Eicosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	18.02 ng	773046	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	97
2	1-Docosene	308	C22H44	001599-67-3	92
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	90
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90





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ClientSampleId : 3-(14-16)RX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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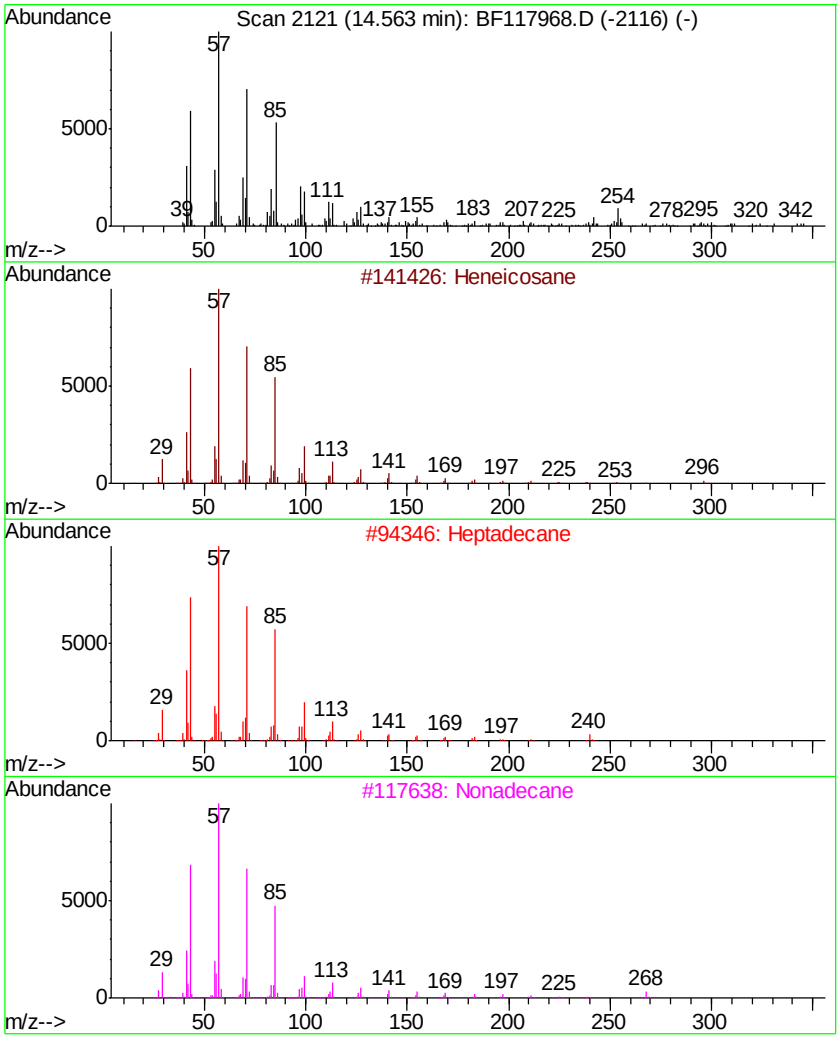
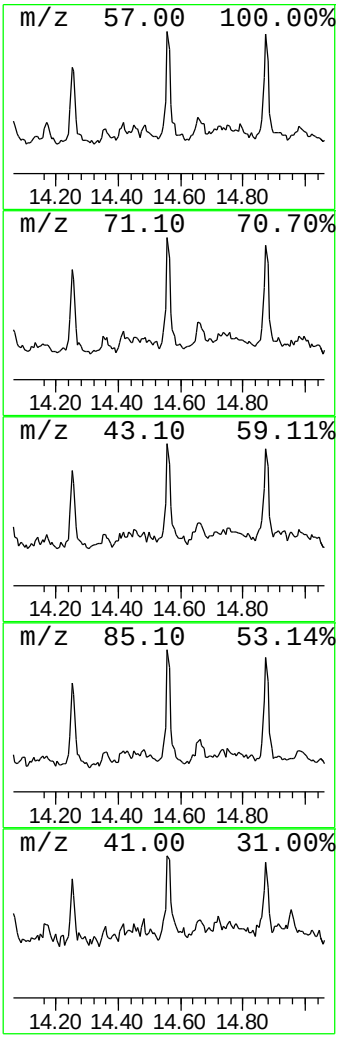
Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.75 ng	332578	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	96
3	Nonadecane	268	C19H40	000629-92-5	94
4	Octadecane	254	C18H38	000593-45-3	94
5	Docosane	310	C22H46	000629-97-0	93





Library Search Compound Report

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Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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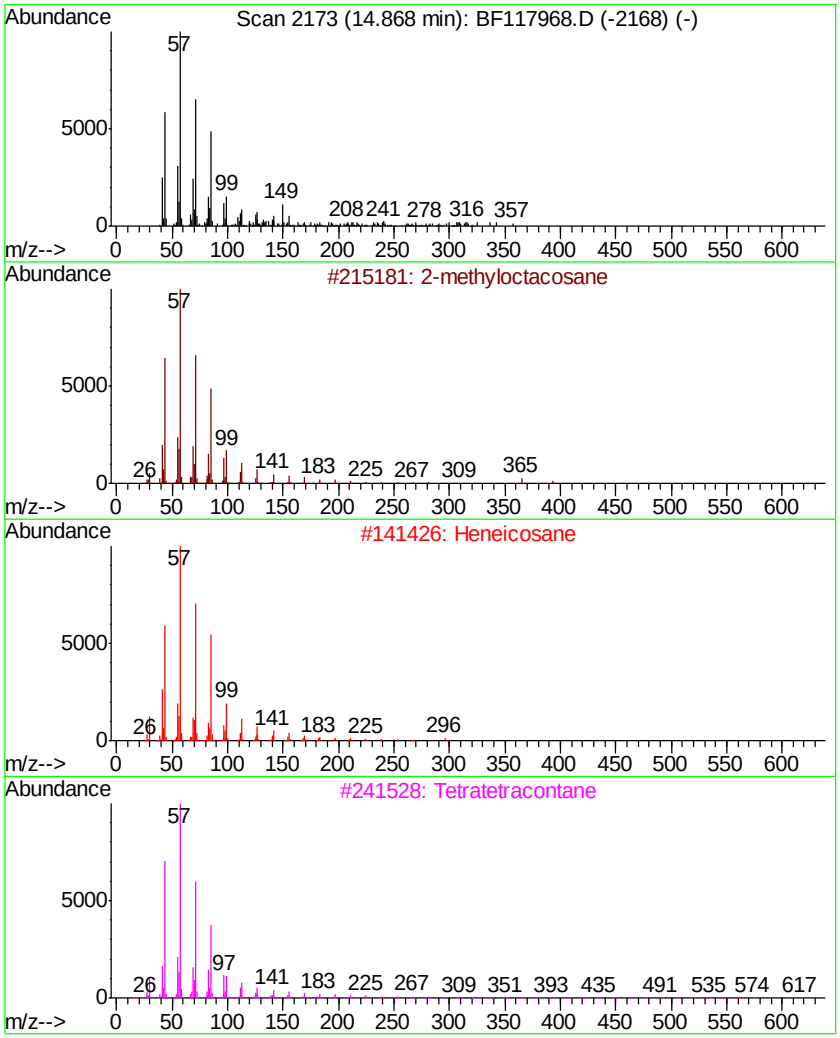
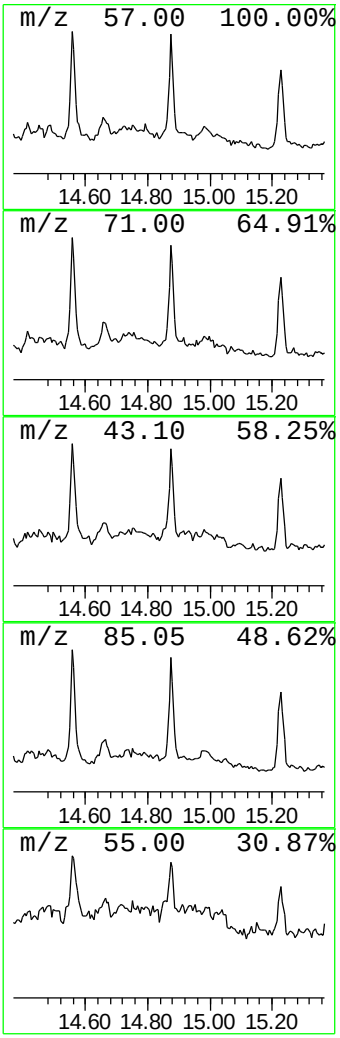
Peak Number 19 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	5.69 ng	315769	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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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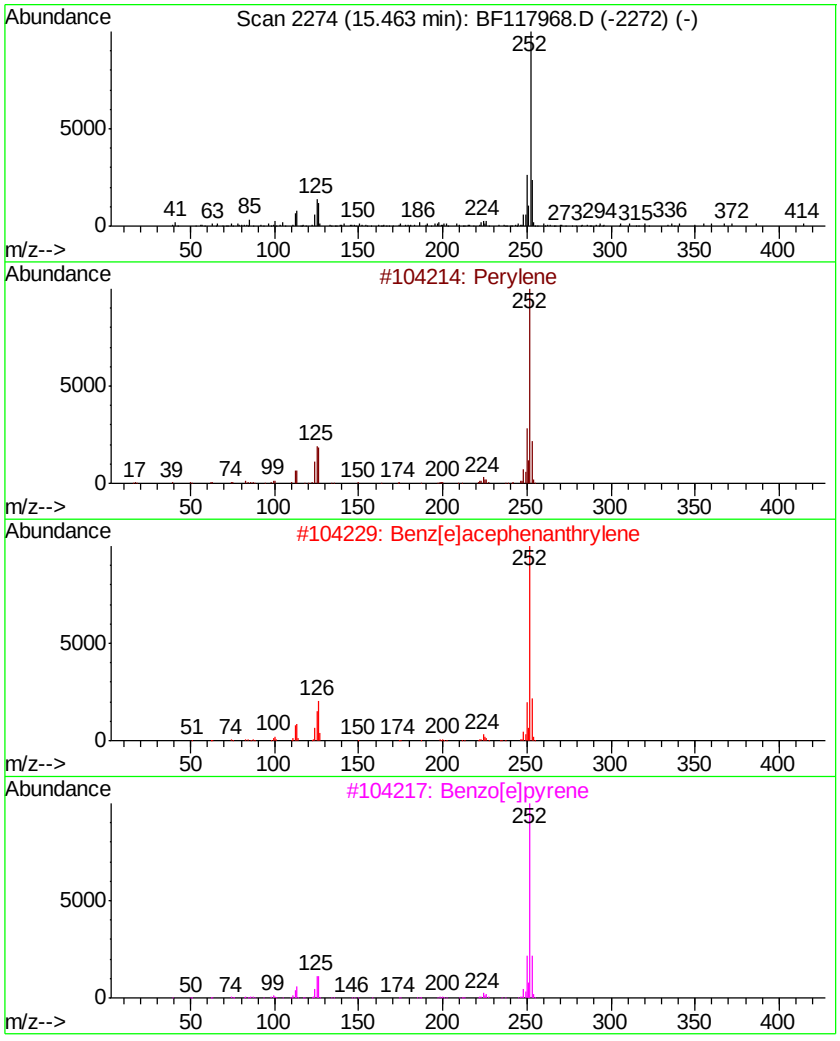
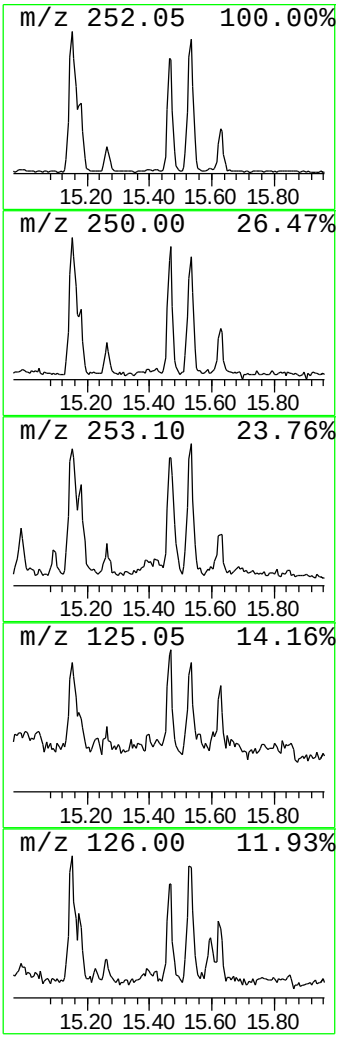
Peak Number 20 Perylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.95 ng	219073	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(14-16)RX

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...	2.17	30.1	ng	1014850	1	6.90	673487	20.0
3-Penten-2-one, 4...	4.49	8.2	ng	276987	1	6.90	673487	20.0
2-Pentanone, 4-hy...	5.12	42.6	ng	1435480	1	6.90	673487	20.0
unknown6.66	6.66	20.4	ng	687518	1	6.90	673487	20.0
Hexadecane	10.38	3.4	ng	182546	3	9.95	1067840	20.0
Heptadecane	10.86	7.4	ng	498879	4	11.45	1345700	20.0
3,6,9,12-Tetraoxa...	11.07	55.3	ng	3717390	4	11.45	1345700	20.0
Pentadecane	11.30	4.2	ng	285090	4	11.45	1345700	20.0
Heneicosane	11.73	4.0	ng	269046	4	11.45	1345700	20.0
Eicosane	12.15	4.0	ng	272551	4	11.45	1345700	20.0
Heptaethylene glycol	12.23	27.0	ng	1815670	4	11.45	1345700	20.0
Cyclohexadecane	12.49	3.5	ng	235796	4	11.45	1345700	20.0
Tetracosane	12.53	3.8	ng	258390	4	11.45	1345700	20.0
Benzene, 1,1'-(1,...	12.66	6.7	ng	450280	4	11.45	1345700	20.0
3,6,9,12,15-Penta...	13.26	15.4	ng	661040	5	14.09	858031	20.0
1-Eicosene	13.93	18.0	ng	773046	5	14.09	858031	20.0
Nonadecane	14.56	7.8	ng	332578	5	14.09	858031	20.0
2-methyloctacosane	14.87	5.7	ng	315769	6	15.60	1109720	20.0
Perylene	15.46	4.0	ng	219073	6	15.60	1109720	20.0