LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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-BF101819.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	5.357	552	556	580	rBV	1089085	1161973	30.16%	4.742%
2	6.387	727	731	748	rBV	1182525	1287558	33.42%	5.255%
3	6.510	748	752	761	rVV	1388548	1304659	33.86%	5.325%
4	6.734	786	790	800	rBV	326526	319652	8.30%	1.305%
5	6.887	812	816	829	rBV	1091517	928063	24.09%	3.788%
6	7.298	882	886	898	rBV	829736	785735	20.39%	3.207%
7	8.010	1004	1007	1016	rBV	453867	414026	10.75%	1.690%
8	9.086	1186	1190	1193	rBV	1529433	1255387	32.58%	5.124%
9	9.481	1254	1257	1266	rBV	154773	133043	3.45%	0.543%
10	9.763	1301	1305	1309	rBV	584219	496910	12.90%	2.028%
11	10.557	1436	1440	1447	rBV	932150	846894	21.98%	3.456%
12	10.680	1456	1461	1464	rBV4	24187	43833	1.14%	0.179%
13	10.739	1468	1471	1482	rVB2	45237	103400	2.68%	0.422%
14	10.863	1490	1492	1499	rVB4	20848	41007	1.06%	0.167%
15	11.251	1554	1558	1560	rBV	494145	478623	12.42%	1.953%
16	11.269	1560	1561	1566	rVB	119705	103648	2.69%	0.423%
17	11.786	1640	1649	1655	rBV	399273	485456	12.60%	1.981%
18	12.463	1761	1764	1768	rBV	225938	215302	5.59%	0.879%
19	12.563	1776	1781	1788	rBV	291047	351461	9.12%	1.434%
20	12.692	1797	1803	1809	rVB	160564	201028	5.22%	0.820%
21	12.833	1822	1827	1830	rBV	1228191	1092471	28.35%	4.459%
22	13.063	1863	1866	1869	rVB3	43916	45221	1.17%	0.185%
23	13.374	1916	1919	1920	rBV2	83314	73083	1.90%	0.298%
24	13.410	1920	1925	1928	rVV	652414	854163	22.17%	3.486%
25	13.463	1928	1934	1942	rVV2	385454	1078106	27.98%	4.400%
26	13.527	1942	1945	1949	rVB3	92119	86952	2.26%	0.355%
27	13.569	1949	1952	1956	rVB	111593	98510	2.56%	0.402%
28	13.610	1956	1959	1961	rBV2	51405	57361	1.49%	0.234%
29	13.657	1961	1967	1970	rVB2	1568480	2287183	59.36%	9.335%
30	13.727	1976	1979	1986	rBV	236011	300251	7.79%	1.225%
31	13.804	1986	1992	1995	rVV	3390200	3852967	100.00%	15.725%
32	13.863	1998	2002	2004	rVV	180545	166695	4.33%	0.680%
33	13.892	2004	2007	2010	rVV2	384599	431403	11.20%	1.761%
34	13.921	2010	2012	2019	rVB	77201	86038	2.23%	0.351%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.039	2029	2032	2036	rBV2	271400	294750	7.65%	1.203%
36	14.357	2078	2086	2094	rBV	324923	688874	17.88%	2.811%
37	14.633	2130	2133	2135	rBV	199979	215935	5.60%	0.881%
38	14.780	2154	2158	2160	rBV4	29925	44103	1.14%	0.180%
39	14.927	2179	2183	2185	rBV	48917	60810	1.58%	0.248%
40	14.968	2186	2190	2194	rVB2	191056	216765	5.63%	0.885%
41	15.063	2201	2206	2213	rVB2	94711	198347	5.15%	0.810%
42	15.215	2229	2232	2237	rVB	37075	41240	1.07%	0.168%
43	15.274	2239	2242	2246	rVV	50861	70170	1.82%	0.286%
44	15.327	2246	2251	2265	rVV2	409384	595554	15.46%	2.431%
45	15.433	2266	2269	2277	rVB10	23404	41861	1.09%	0.171%
46	15.733	2314	2320	2324	rBV	119039	176853	4.59%	0.722%
47	15.798	2327	2331	2336	rVV7	31633	60174	1.56%	0.246%
48	15.957	2354	2358	2366	rBV7	27935	50629	1.31%	0.207%
49	16.198	2394	2399	2403	rBV2	58664	99752	2.59%	0.407%
50	16.368	2423	2428	2432	rBV6	24190	41677	1.08%	0.170%
51	16.745	2487	2492	2498	rBV4	44035	89158	2.31%	0.364%
52	17.180	2560	2566	2574	rVB2	21760	47440	1.23%	0.194%

Sum of corrected areas: 24502154

LSC Report - Integrated Chromatogram

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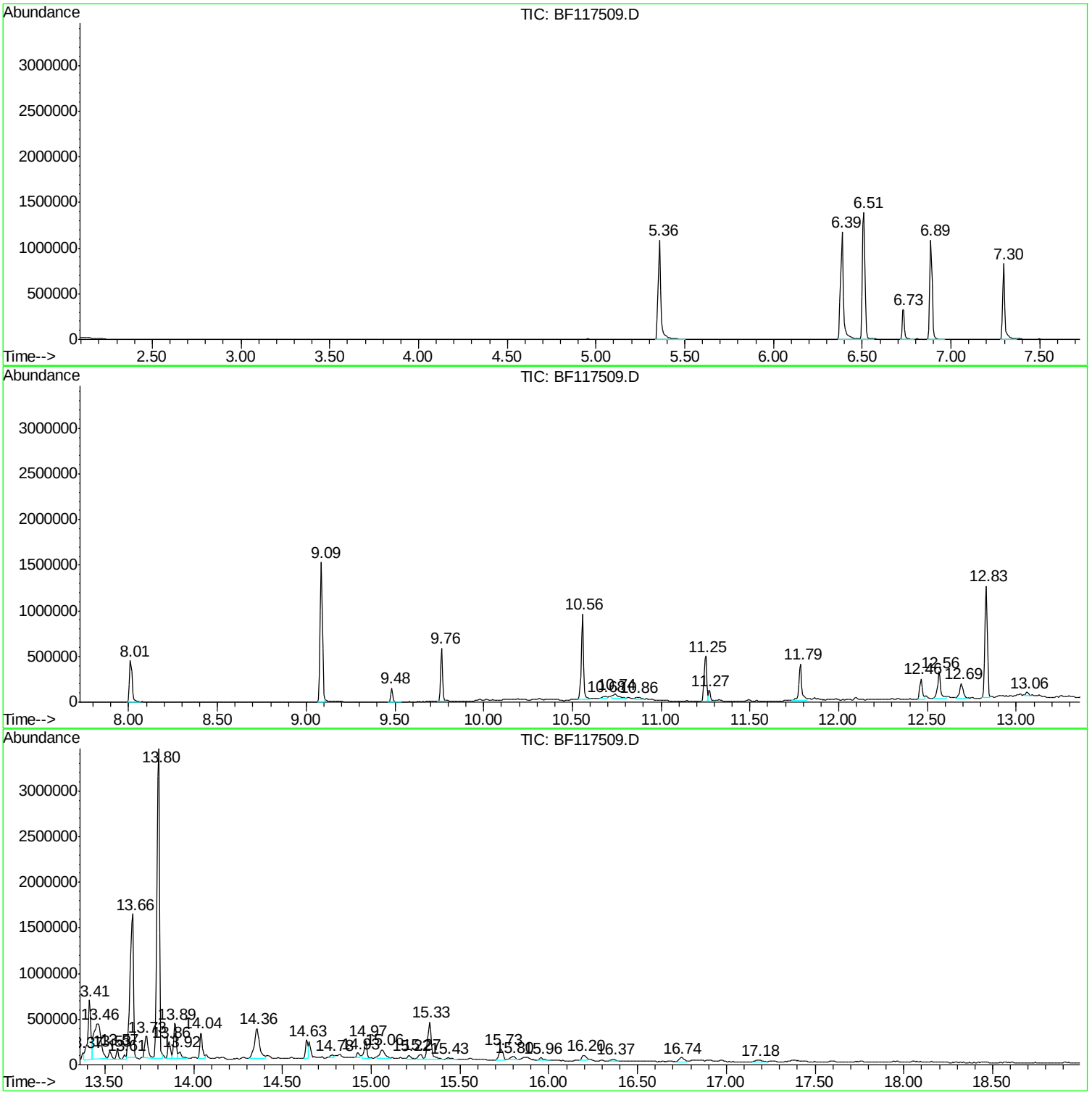
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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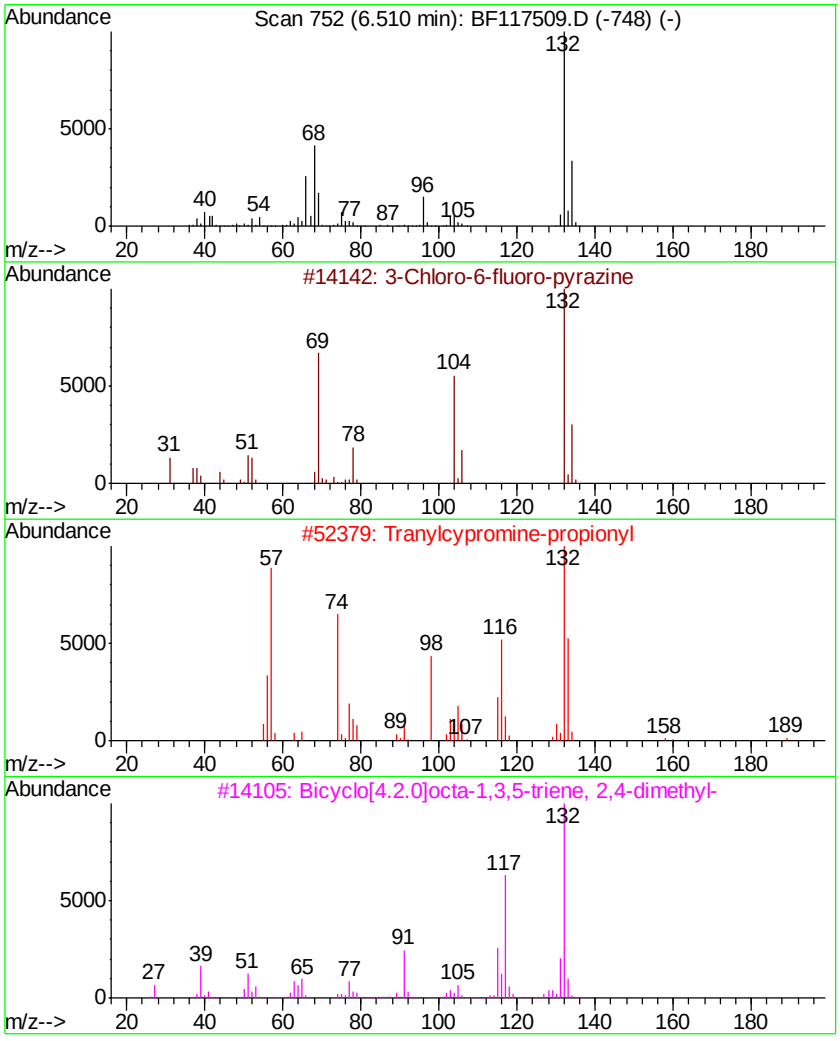
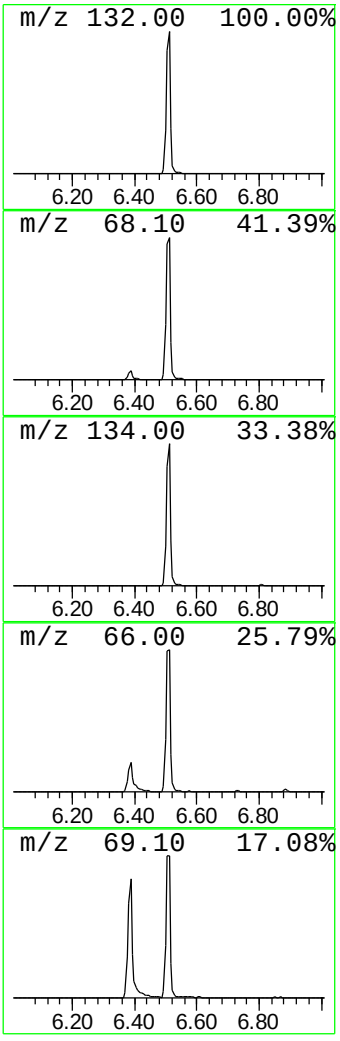
Peak Number 1 unknown6.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	81.63 ng	1304660	1,4-Dichlorobenzene-d4	6.73

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

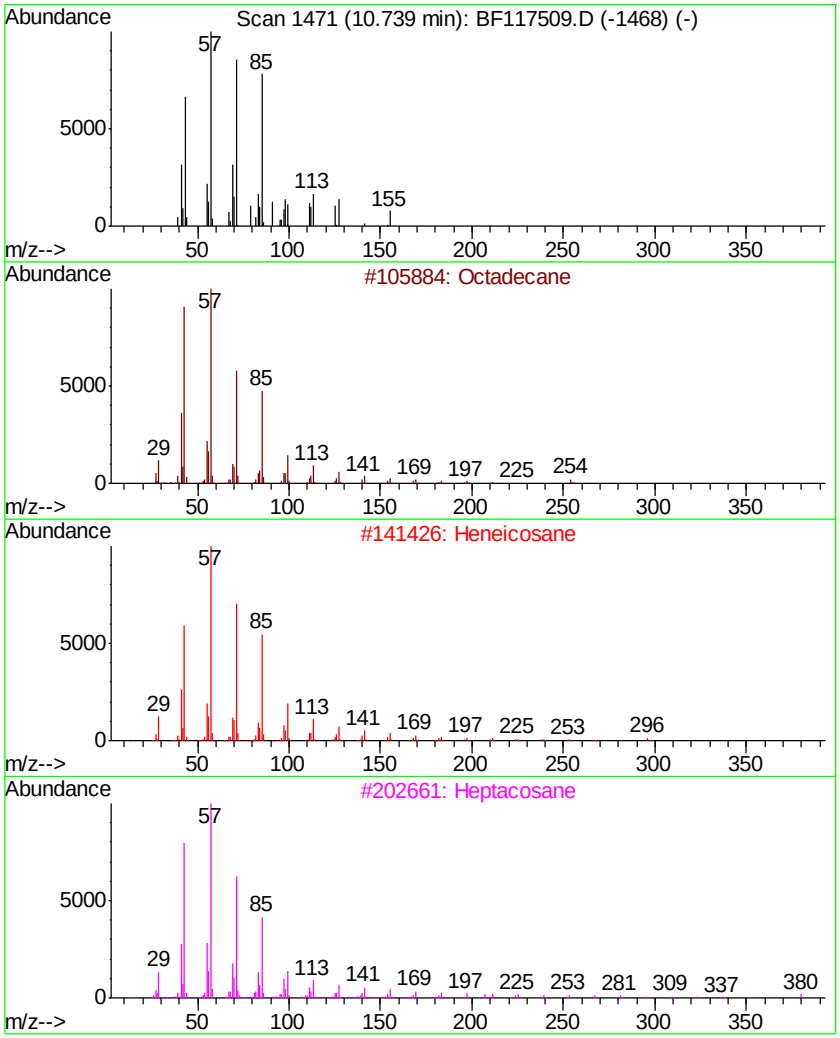
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

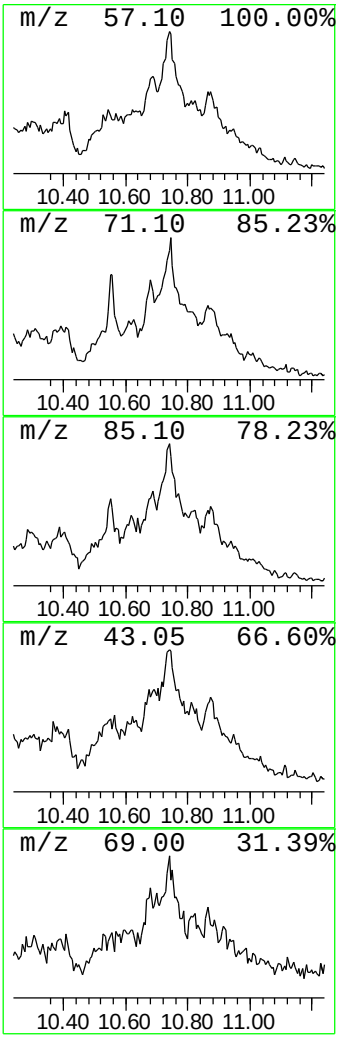
****

Peak Number 3 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.32 ng	103400	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	72
2	Heneicosane	296	C21H44	000629-94-7	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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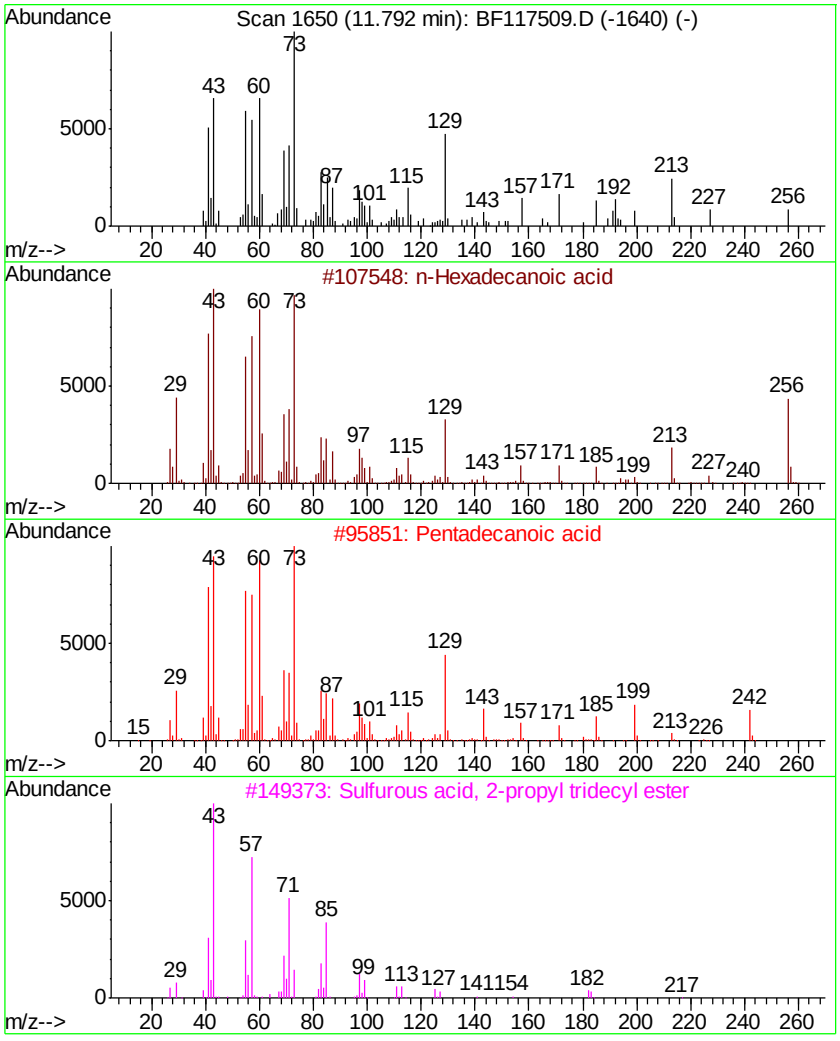
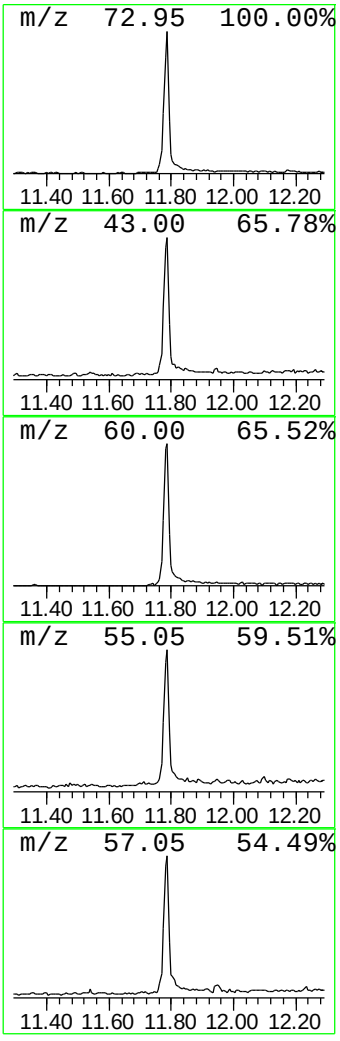
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	20.29 ng	485456	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

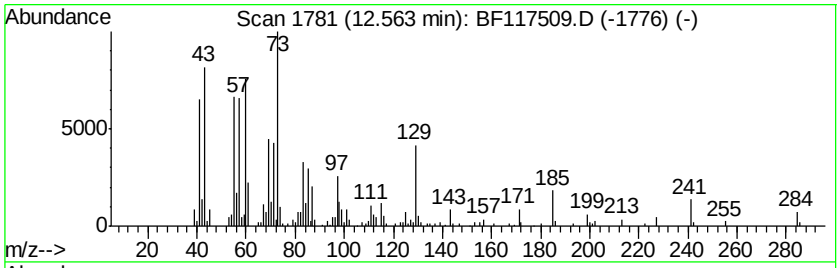
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

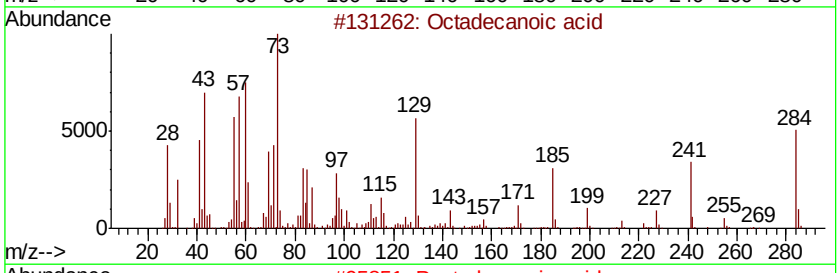
****

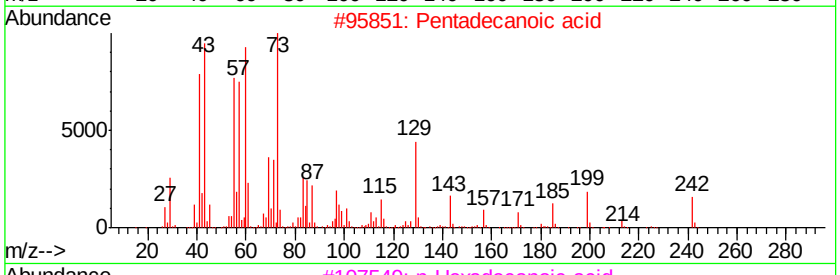
Peak Number 5 Octadecanoic acid Concentration Rank 9

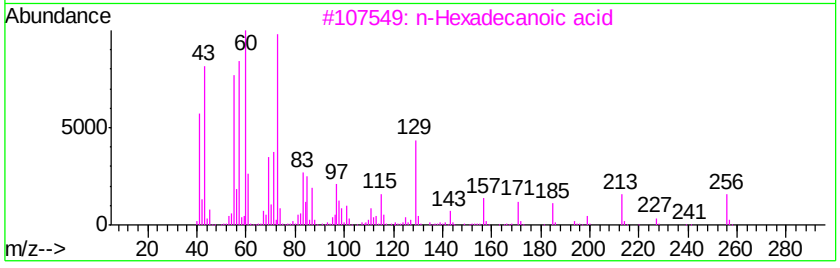
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	14.69 ng	351461	Phenanthrene-d10	11.25

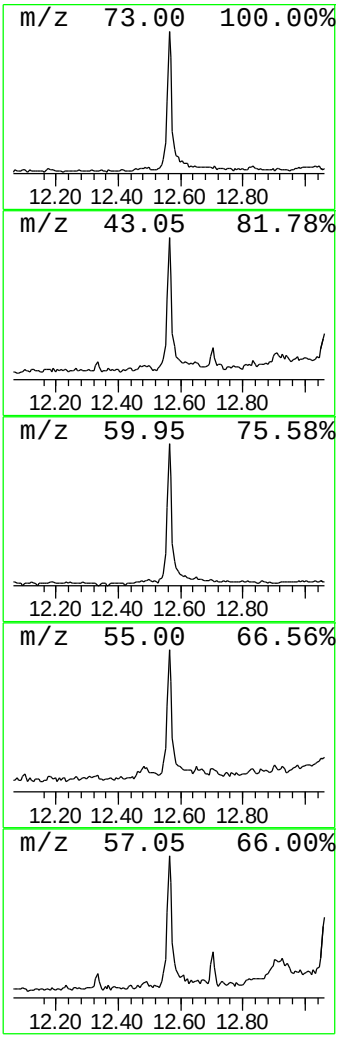
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72











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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

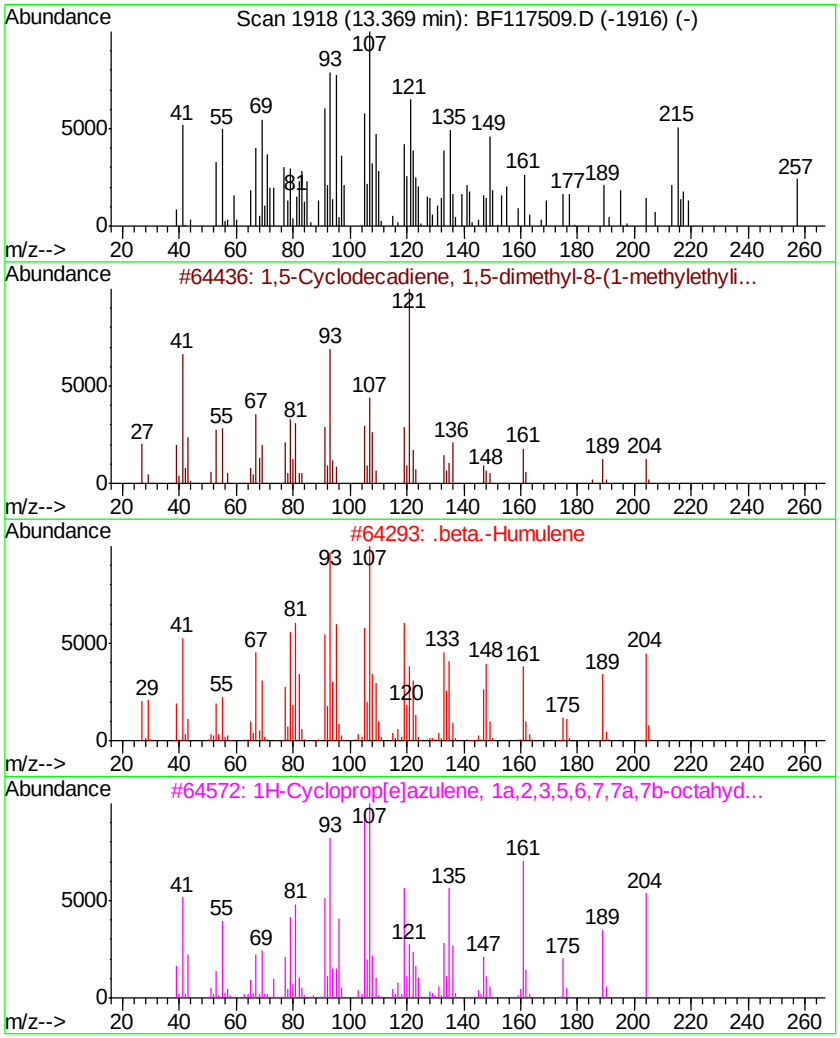
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

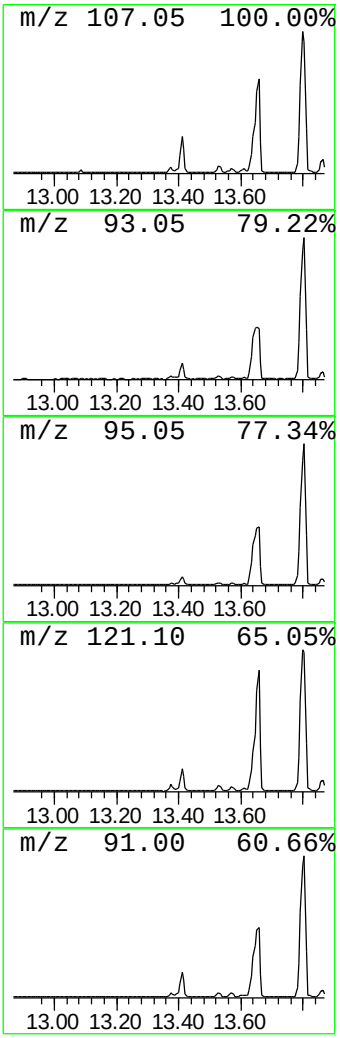
****

Peak Number 6 1,5-Cyclodecadiene, 1,5-dim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.39 ng	73083	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	56
2	.beta.-Humulene	204	C15H24	000116-04-1	55
3	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	46
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	43
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	38





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Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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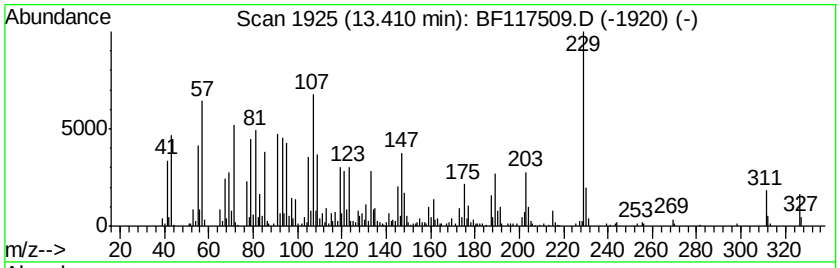
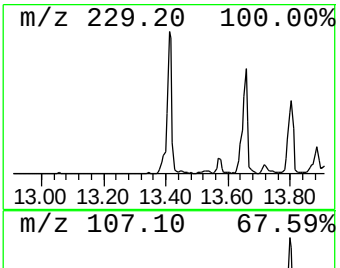
Peak Number 7 unknown13.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	39.60 ng	854163	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	27
2	1-Piperazinepropanenitrile, .bet...	229	C13H15N3O	014761-40-1	25
3	Isophthalic acid, di(hex-4-yn-3-...	326	C20H22O4	1000343-84-3	22
4	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	22
5	Decanoic acid, tert-butyldimethy...	286	C16H34O2Si	104255-74-5	22





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Sample : K5497-13
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Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

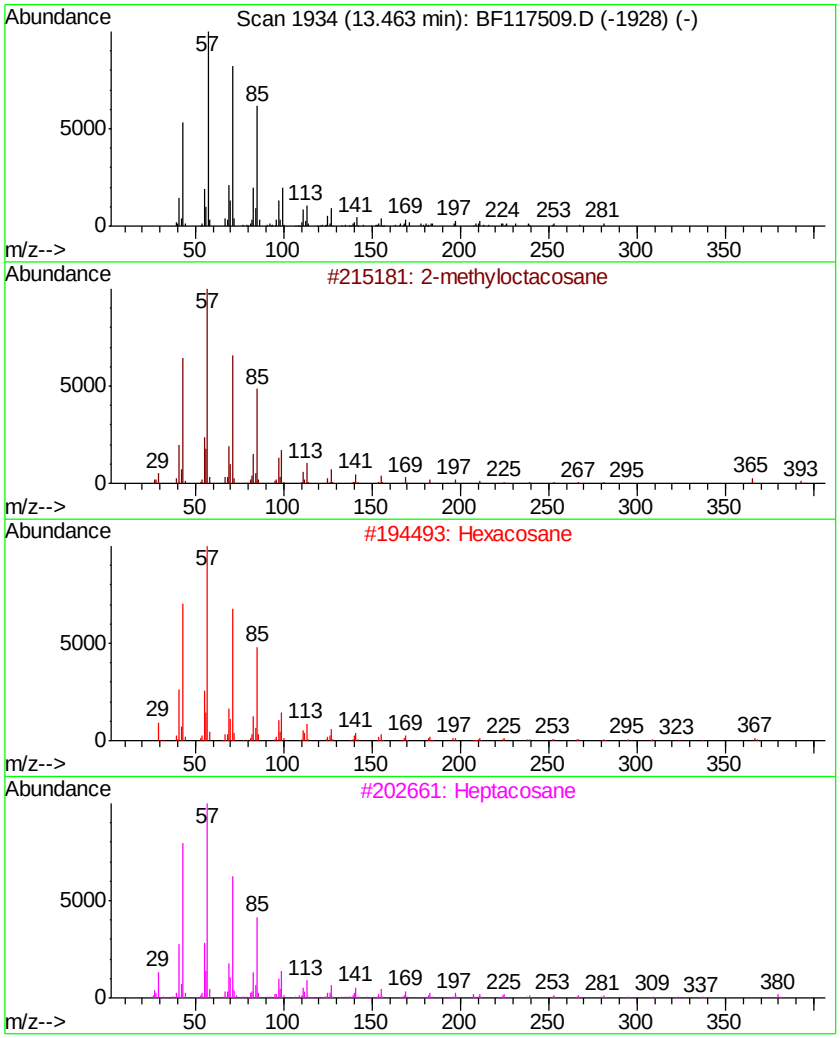
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

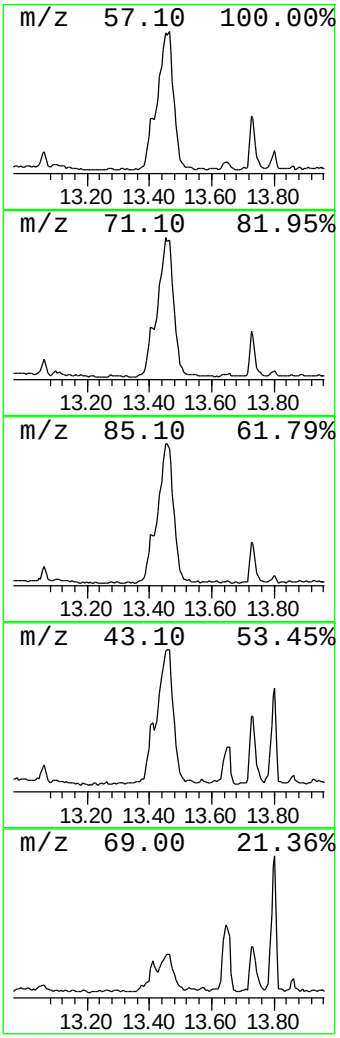
****

Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	49.98 ng	1078110	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86





Library Search Compound Report

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Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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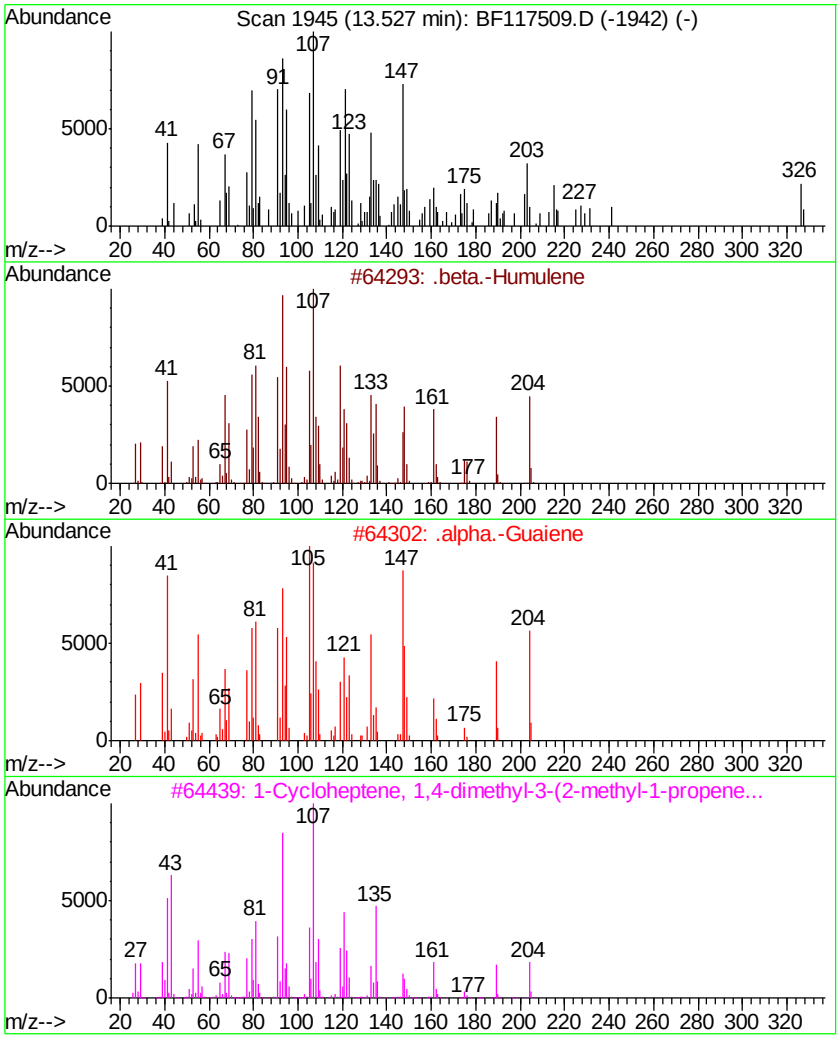
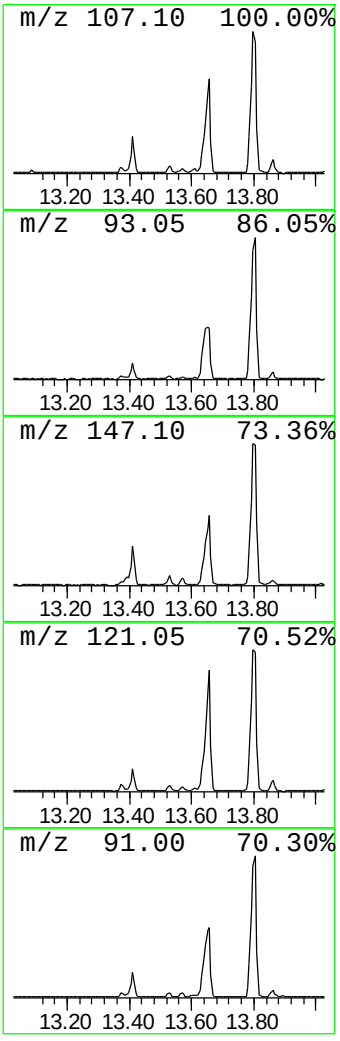
Peak Number 9 .beta.-Humulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.03 ng	86952	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Humulene	204	C15H24	000116-04-1	86
2	.alpha.-Guaiene	204	C15H24	003691-12-1	81
3	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	55
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	52
5	Alloaromadendrene	204	C15H24	025246-27-9	50





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Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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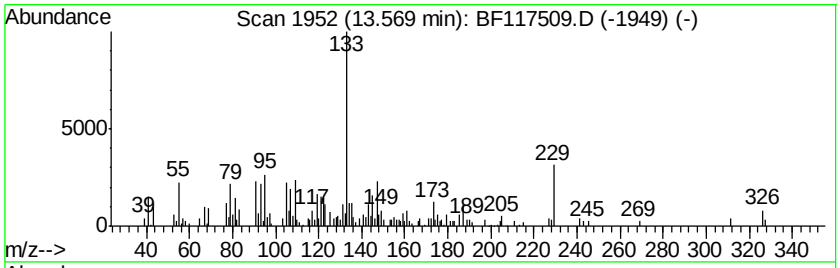
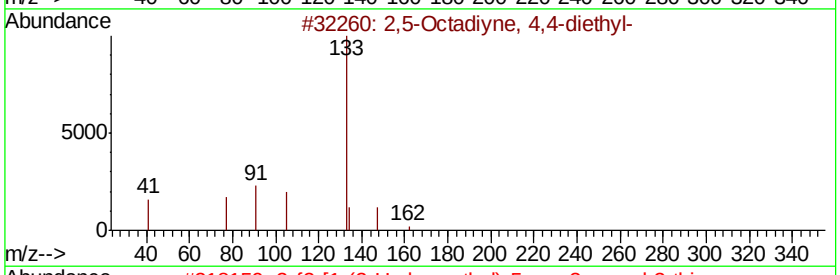
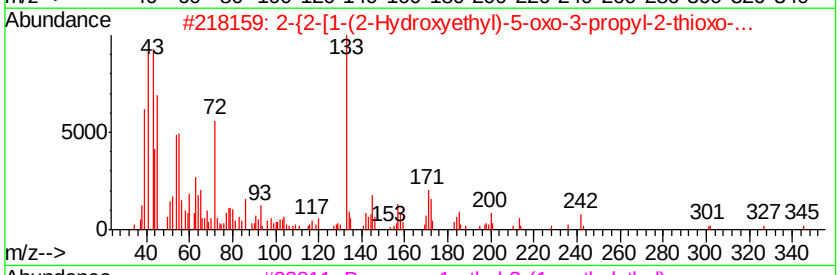
Peak Number 10 unknown13.57 Concentration Rank 15

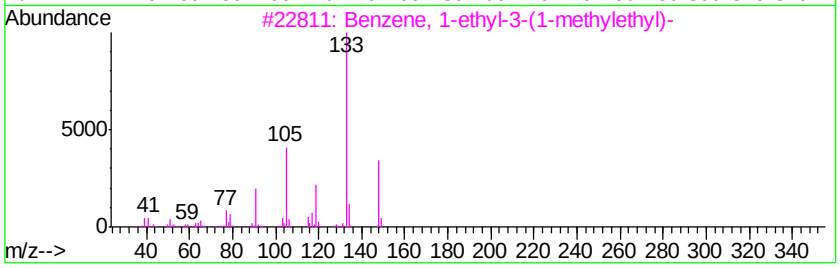
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.57 ng	98510	Chrysene-d12	13.90

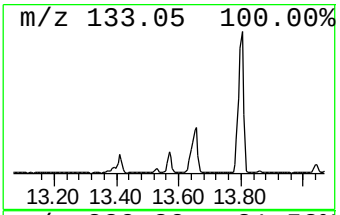
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Octadiyne, 4,4-diethyl-	162	C12H18	061227-87-0	35
2	2-{2-[1-(2-Hydroxyethyl)-5-oxo-3...	417	C20H23N3O5S	1000224-26-4	30
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	30
4	6-Aminoindazole	133	C7H7N3	006967-12-0	30
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	27

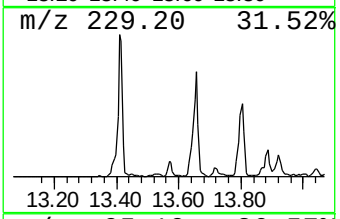


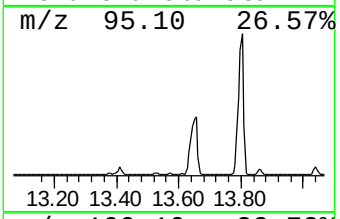


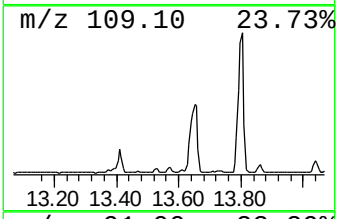


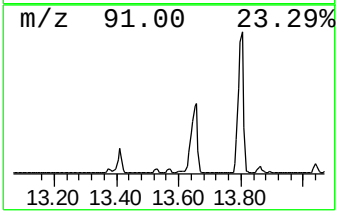












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Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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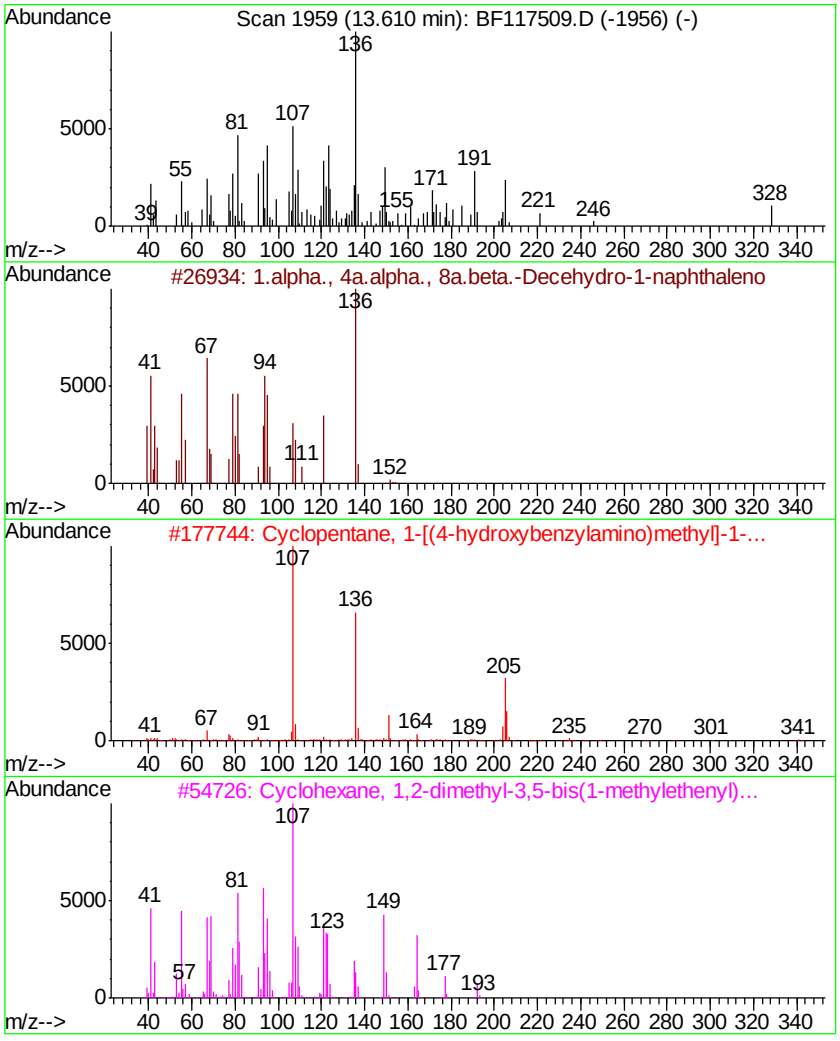
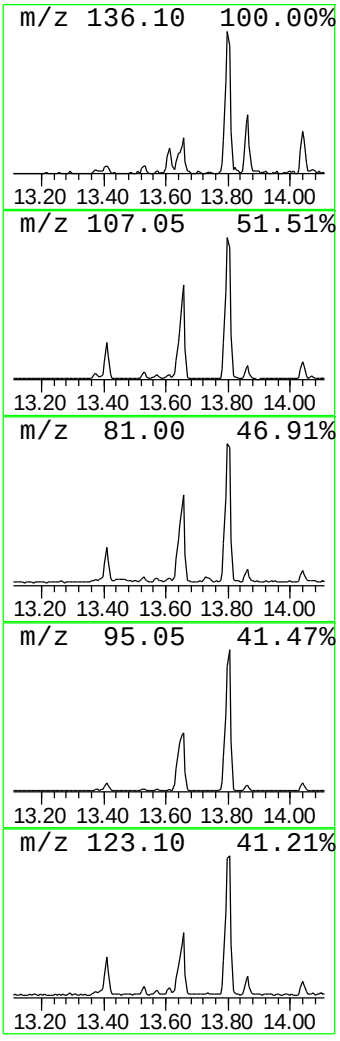
Peak Number 11 unknown13.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.66 ng	57361	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha., 4a.alpha., 8a.beta.-De...	154	C10H18O	002529-03-5	35
2	Cyclopentane, 1-[(4-hydroxybenzy...	341	C21H27NO3	1000264-64-8	35
3	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	25
4	1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	22
5	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	22





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Sample : K5497-13
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ALS Vial : 3 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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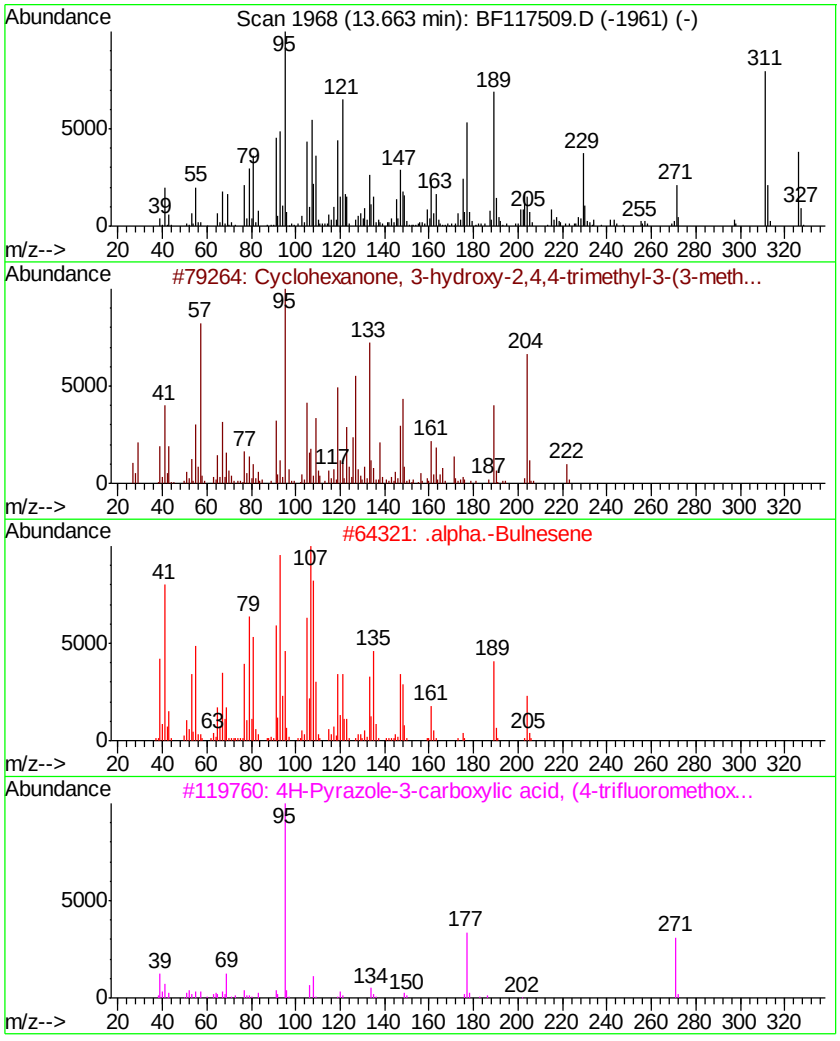
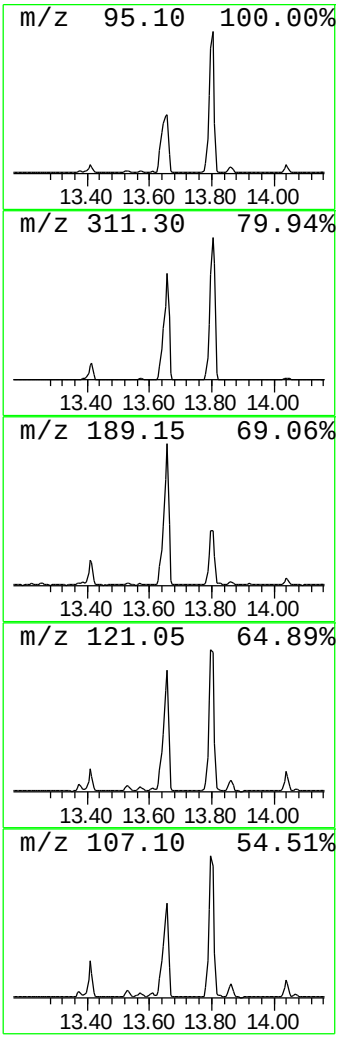
Peak Number 12 unknown13.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	106.04 ng	2287180	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-hydroxy-2,4,4-t...	222	C14H22O2	088764-84-5	22
2	.alpha.-Bulnesene	204	C15H24	1000374-19-9	22
3	4H-Pyrazole-3-carboxylic acid, (...	271	C11H8F3N3O2	1000303-94-6	22
4	N-(1,1-Dimethylpropynyl)-2-furan...	177	C10H11NO2	039108-97-9	16
5	1H-Pyrazole-3-carboxamide, N-[4-...	271	C11H8F3N3O2	1000351-30-3	12





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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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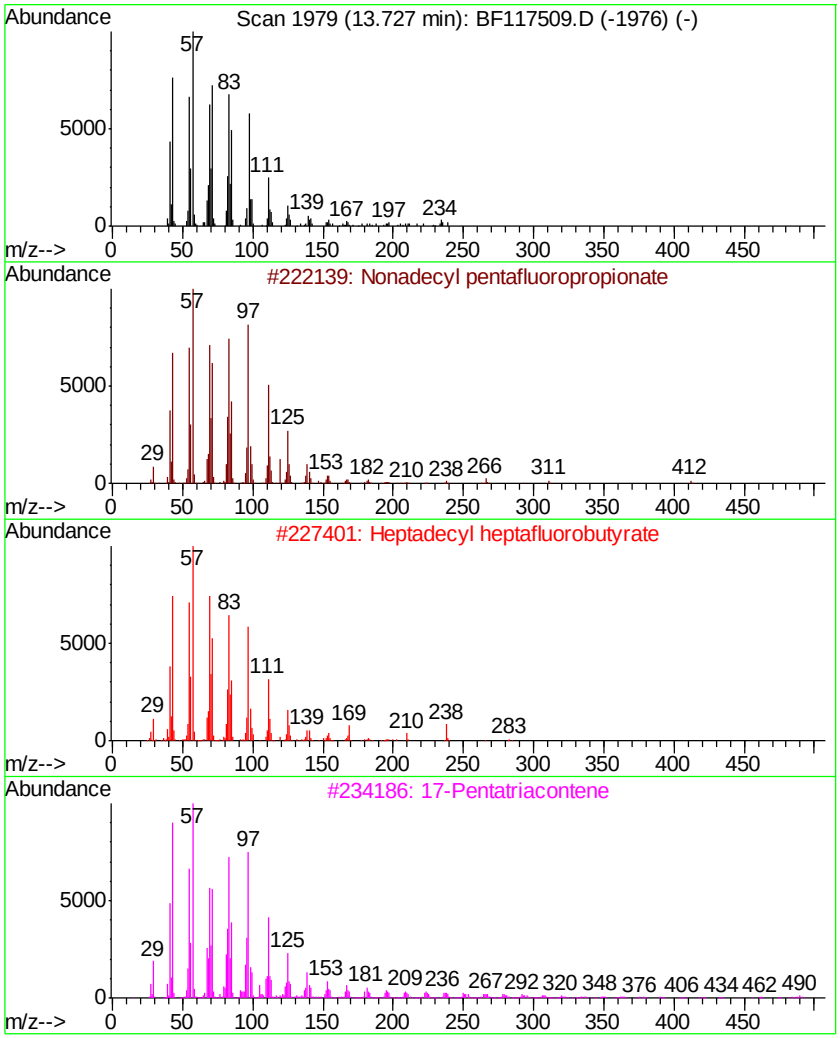
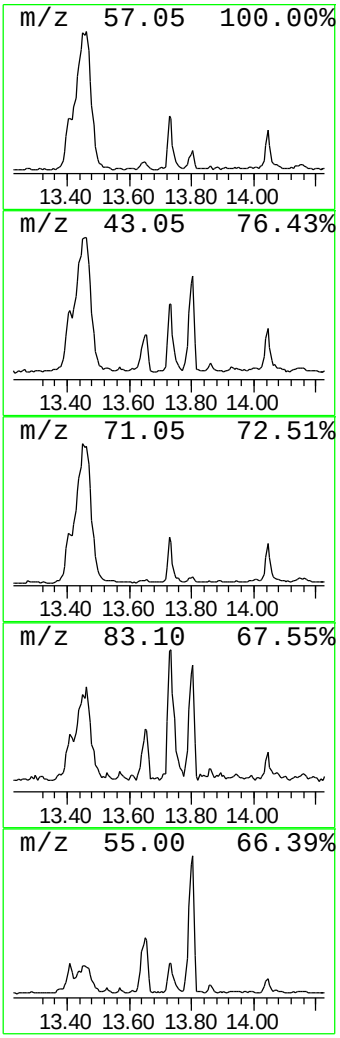
Peak Number 13 Nonadecyl pentafluoropropio... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	13.92 ng	300251	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81





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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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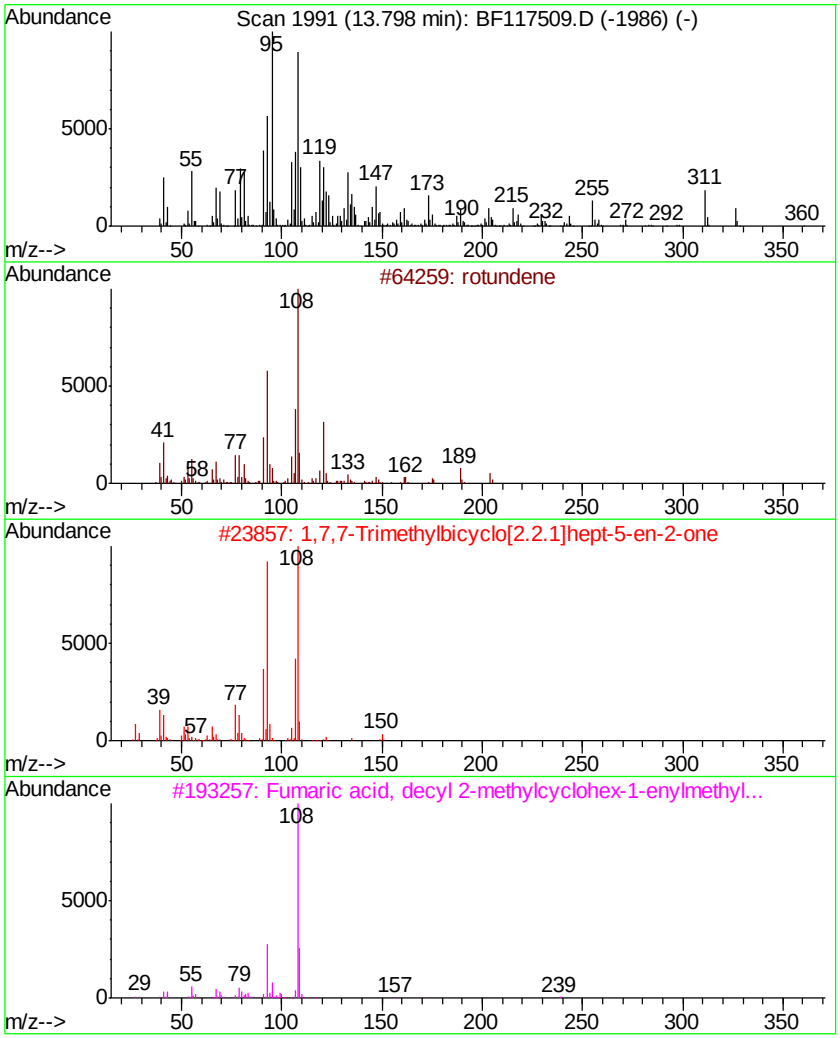
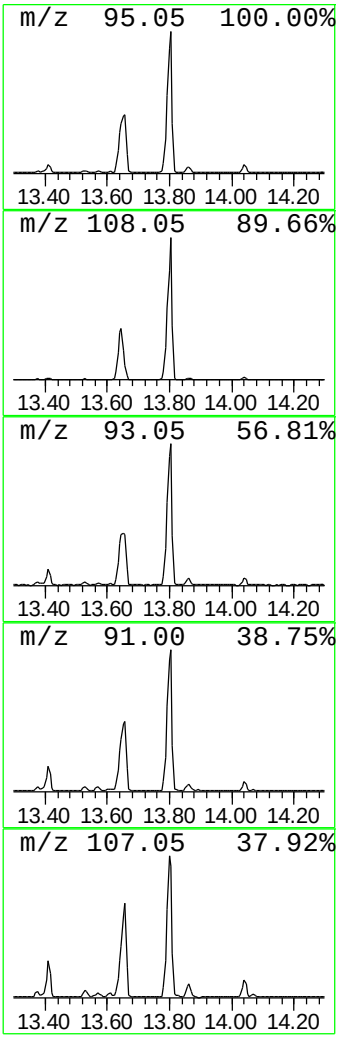
Peak Number 14 unknown13.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	178.63 ng	3852970	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	rotundene	204	C15H24	1000374-17-0	45
2	1,7,7-Trimethylbicyclo[2.2.1]hep...	150	C10H14O	022516-10-5	35
3	Fumaric acid, decyl 2-methylcycl...	364	C22H36O4	1000345-16-1	27
4	2-Bromopropionic acid, 2-methylp...	242	C10H11BrO2	001440-64-8	22
5	Chloroacetic acid, 2-methylpheny...	184	C9H9ClO2	037161-39-0	22





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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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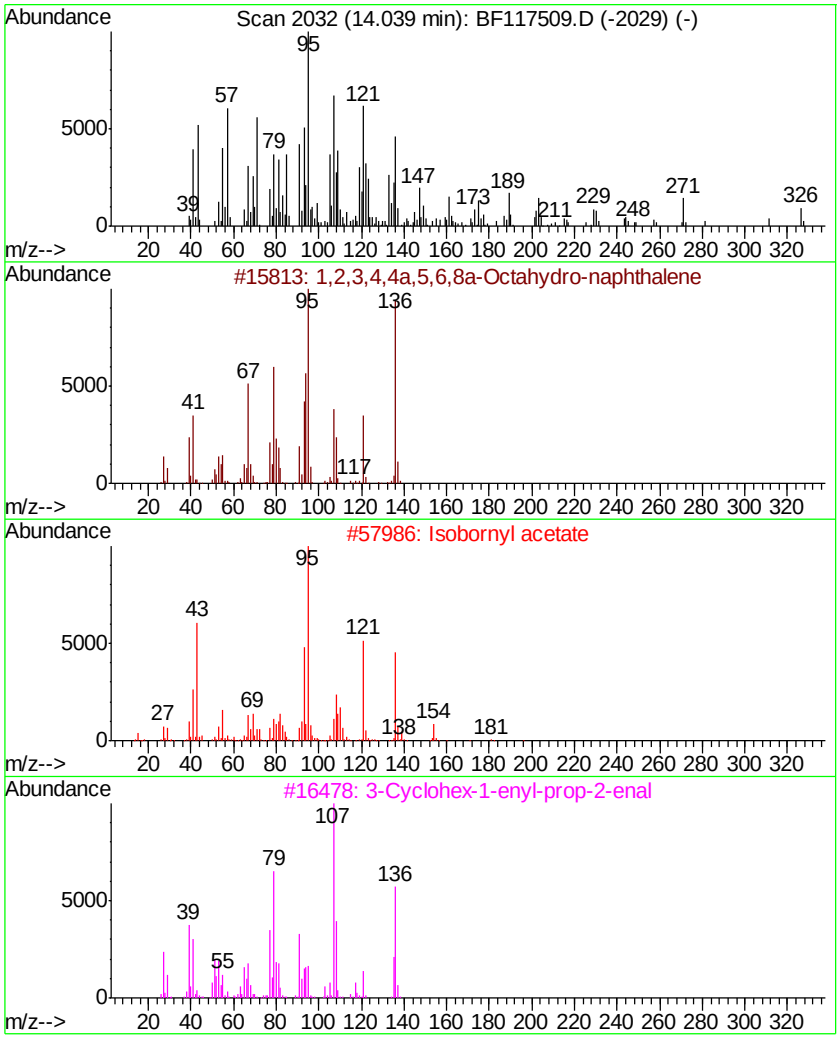
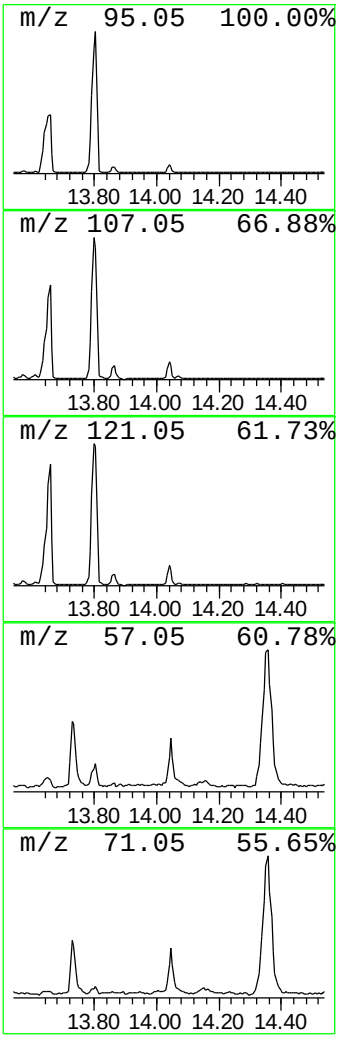
Peak Number 15 unknown14.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	13.66 ng	294750	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	35
2	Isobornyl acetate	196	C12H20O2	000125-12-2	35
3	3-Cyclohex-1-enyl-prop-2-enal	136	C9H12O	1000193-70-2	30
4	2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	27
5	Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	25





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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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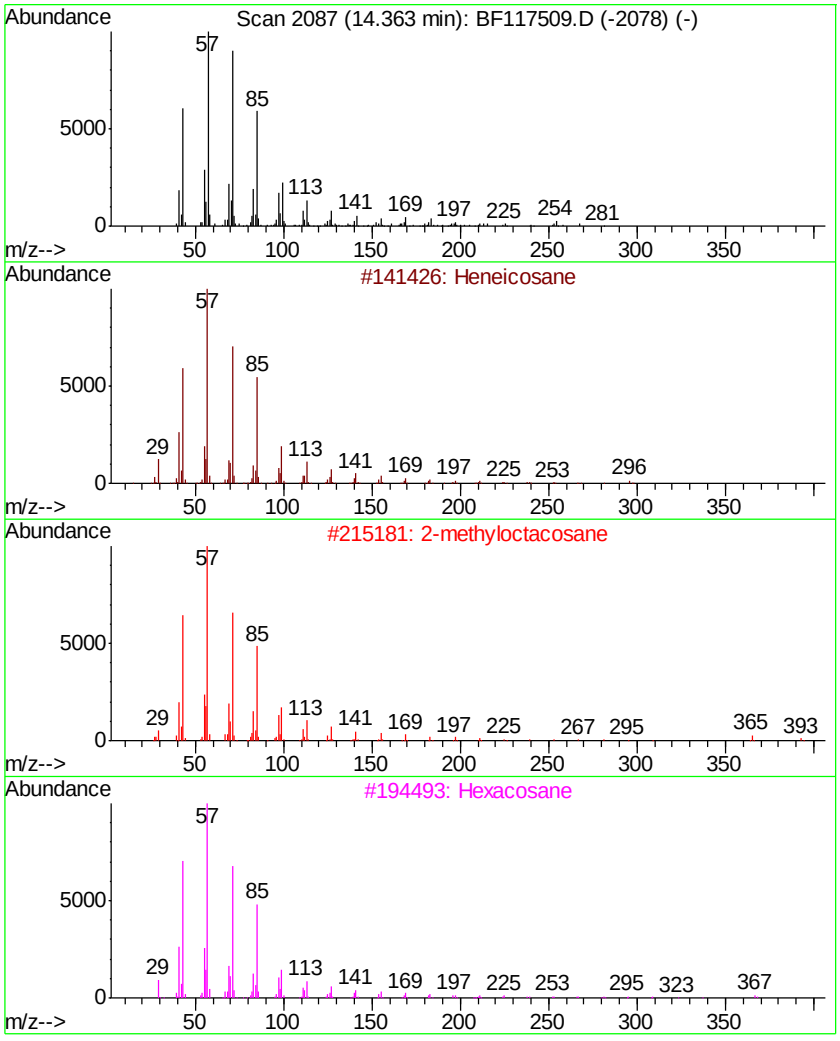
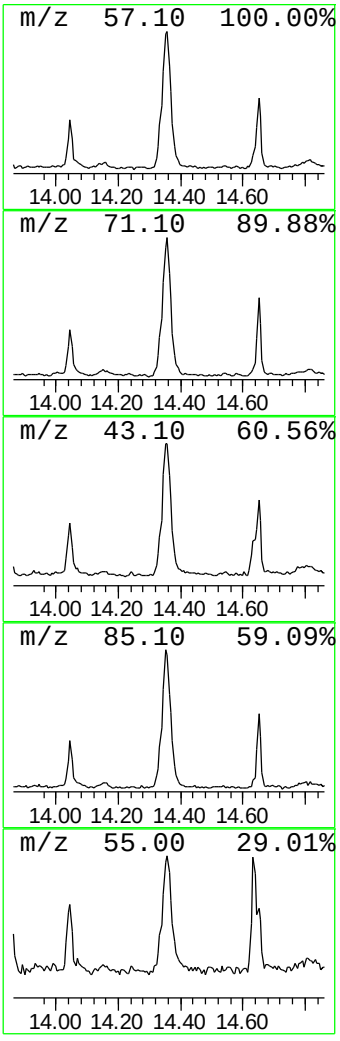
Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	31.94 ng	688874	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane	240	C17H36	000629-78-7	87





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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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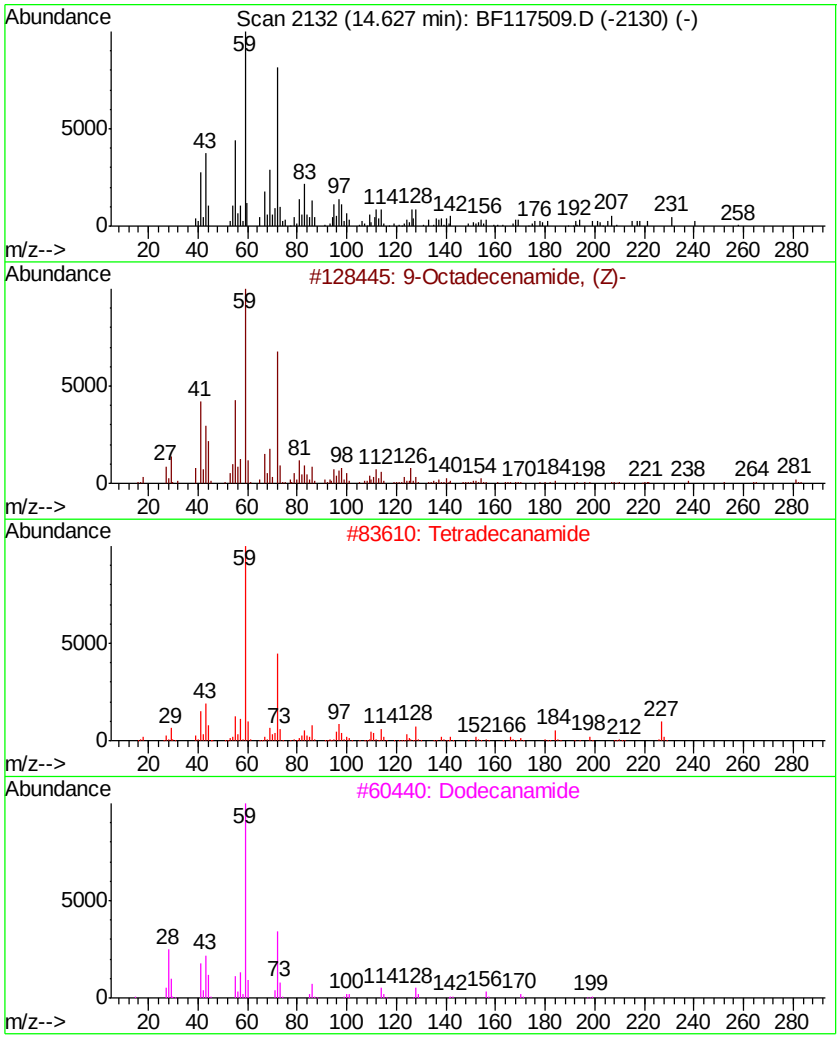
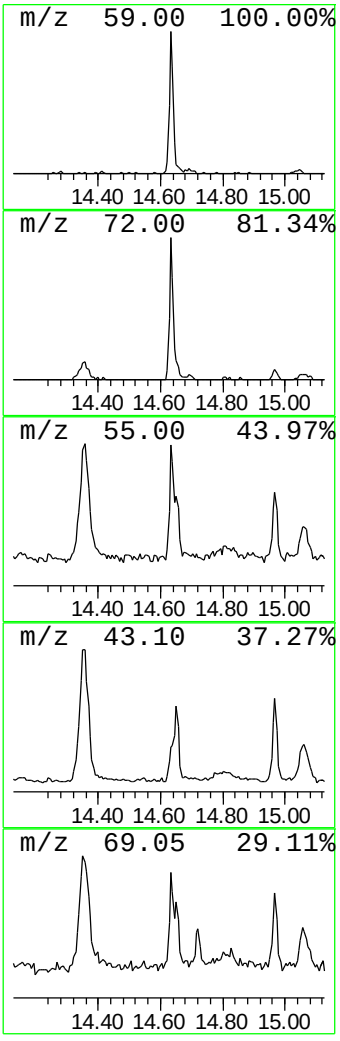
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.25 ng	215935	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
2	Tetradecanamide	227	C14H29NO	000638-58-4	47
3	Dodecanamide	199	C12H25NO	001120-16-7	46
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	27
5	2,7-Dioxatricyclo[4.4.0.0(3,8)]d...	155	C8H13NO2	040076-28-6	27





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

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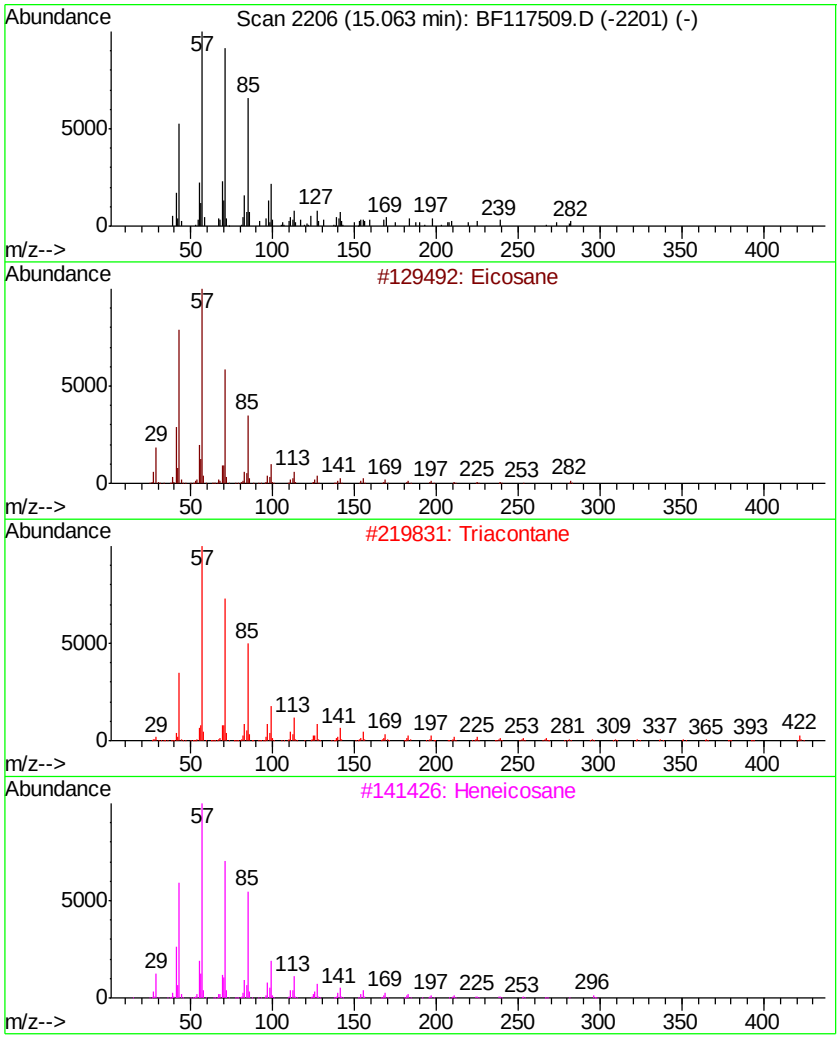
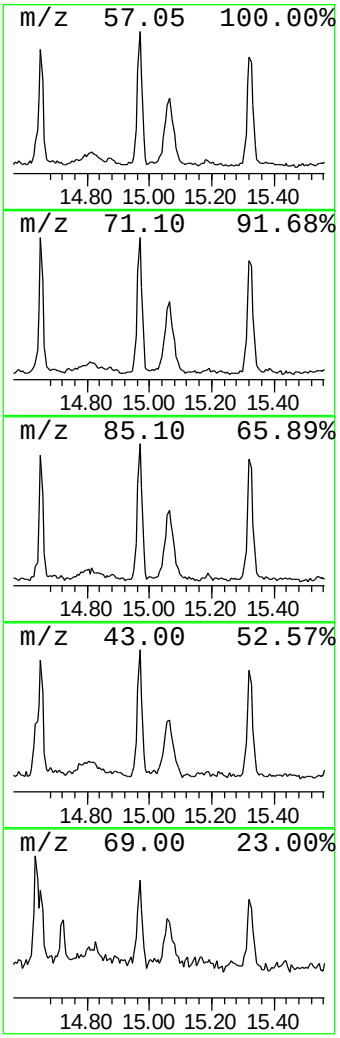
Peak Number 18 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.66 ng	198347	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Triacontane	422	C30H62	000638-68-6	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Octacosane	394	C28H58	000630-02-4	74
5	Hentriacontane	437	C31H64	000630-04-6	72





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

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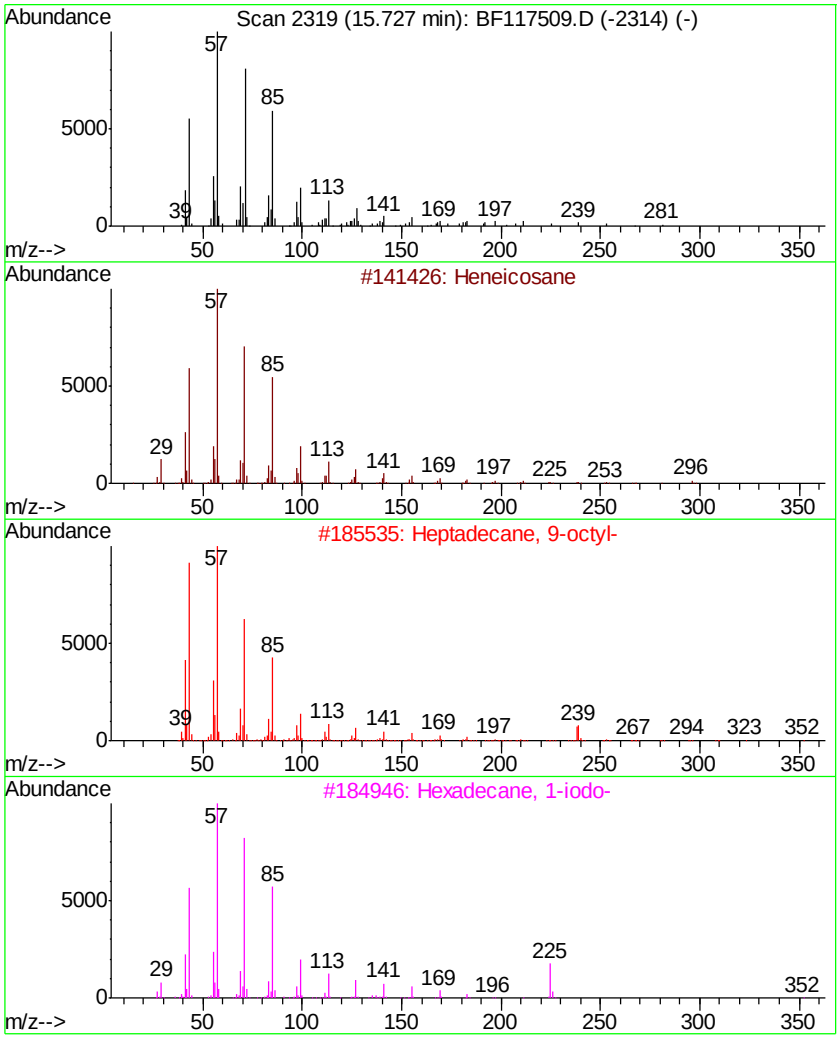
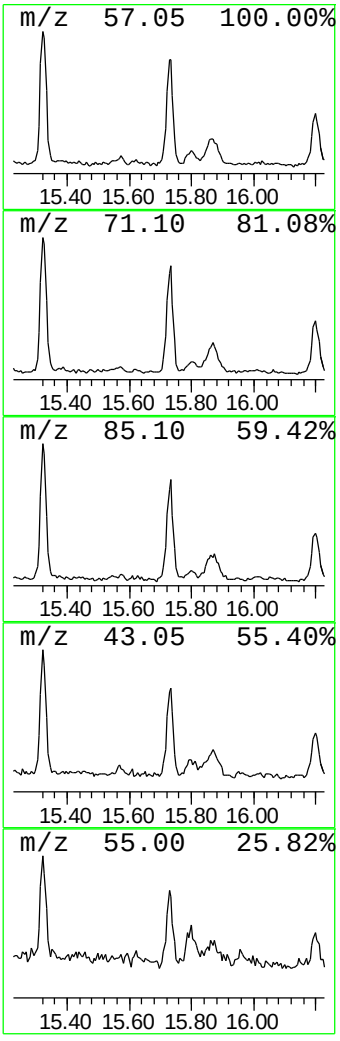
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	5.94 ng	176853	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

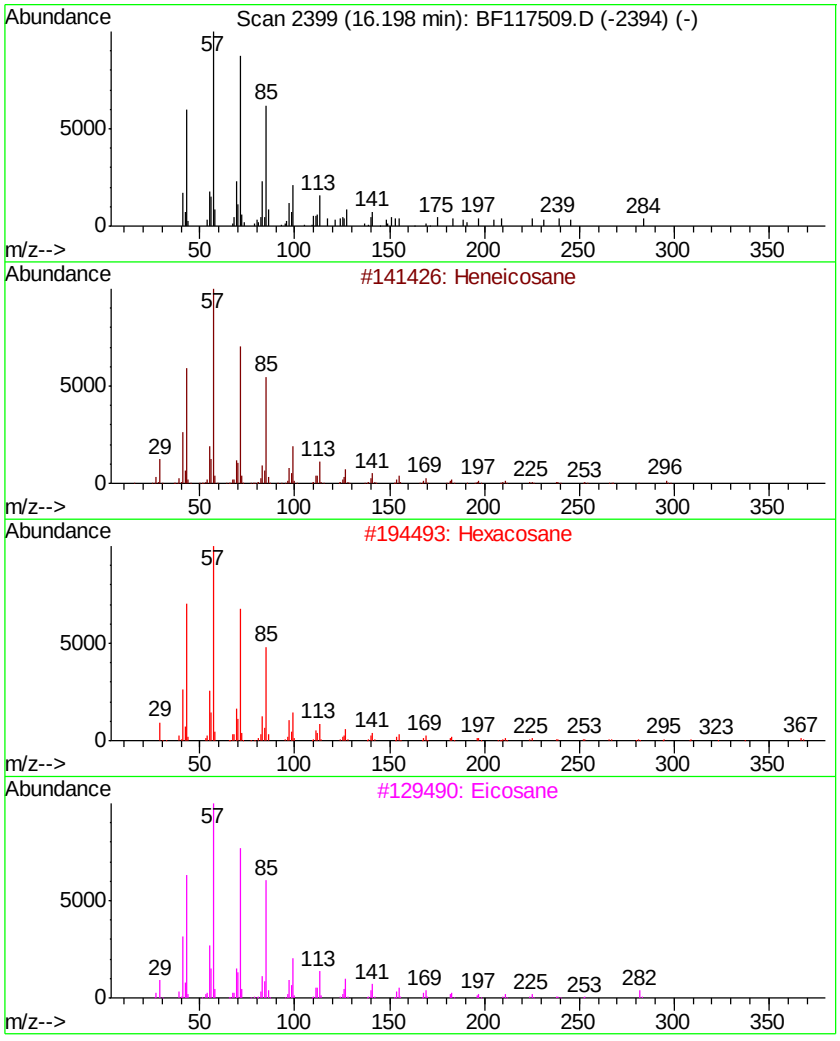
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

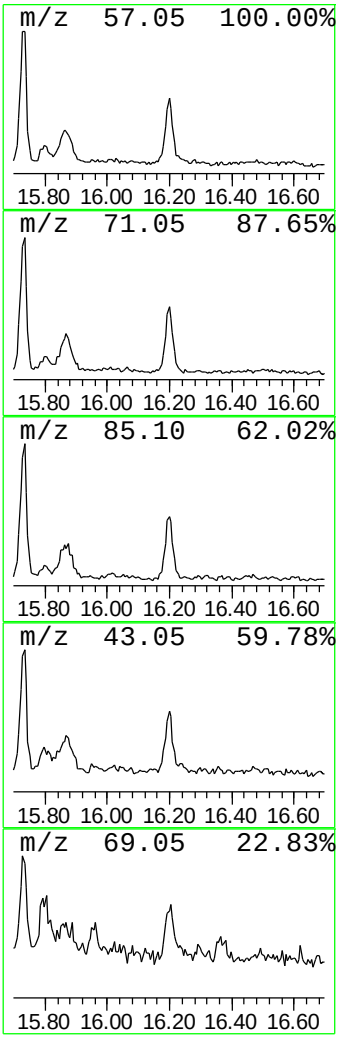
****

Peak Number 20 2-Bromotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.35 ng	99752	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Eicosane	282	C20H42	000112-95-8	83
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Heptacosane	380	C27H56	000593-49-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
Data File : BF117509.D
Acq On : 24 Oct 2019 14:53
Operator : JU
Sample : K5497-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 167-00-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.51	6.51	81.6	ng	1304660	1	6.73	319652	20.0
Octadecane	10.74	4.3	ng	103400	4	11.25	478623	20.0
n-Hexadecanoic acid	11.79	20.3	ng	485456	4	11.25	478623	20.0
Octadecanoic acid	12.56	14.7	ng	351461	4	11.25	478623	20.0
1,5-Cyclodecadien...	13.37	3.4	ng	73083	5	13.90	431403	20.0
unknown13.41	13.41	39.6	ng	854163	5	13.90	431403	20.0
2-methyloctacosane	13.46	50.0	ng	1078110	5	13.90	431403	20.0
.beta.-Humulene	13.53	4.0	ng	86952	5	13.90	431403	20.0
unknown13.57	13.57	4.6	ng	98510	5	13.90	431403	20.0
unknown13.61	13.61	2.7	ng	57361	5	13.90	431403	20.0
unknown13.66	13.66	106.0	ng	2287180	5	13.90	431403	20.0
Nonadecyl pentafl...	13.73	13.9	ng	300251	5	13.90	431403	20.0
unknown13.80	13.80	178.6	ng	3852970	5	13.90	431403	20.0
unknown14.04	14.04	13.7	ng	294750	5	13.90	431403	20.0
Heneicosane	14.36	31.9	ng	688874	5	13.90	431403	20.0
9-Octadecenamide,...	14.63	7.3	ng	215935	6	15.33	595554	20.0
Eicosane	15.06	6.7	ng	198347	6	15.33	595554	20.0
Heptadecane, 9-oc...	15.73	5.9	ng	176853	6	15.33	595554	20.0
2-Bromotetradecane	16.20	3.4	ng	99752	6	15.33	595554	20.0