LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113087.D
Acq On : 18 Mar 2019 13:48
Operator : JU/SJ
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

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-BF022719.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	5.304	544	547	550	rBV	45521	45483	1.13%	0.099%
2	5.351	550	555	578	rVB	3756740	3858612	96.00%	8.390%
3	6.010	664	667	670	rVB	64004	53191	1.32%	0.116%
4	6.275	707	712	720	rVB	87921	102634	2.55%	0.223%
5	6.381	724	730	737	rBV	3485452	4019505	100.00%	8.739%
6	6.504	746	751	754	rBV	4406660	3955310	98.40%	8.600%
7	6.728	785	789	792	rBV	1355966	1071102	26.65%	2.329%
8	6.751	792	793	797	rVB	86970	69492	1.73%	0.151%
9	6.798	797	801	804	rBV3	41734	61610	1.53%	0.134%
10	6.857	808	811	812	rBV	53117	50476	1.26%	0.110%
11	6.887	812	816	819	rVB	3495382	3017400	75.07%	6.561%
12	7.010	834	837	842	rVB4	47005	61403	1.53%	0.134%
13	7.087	846	850	854	rBV2	38153	48848	1.22%	0.106%
14	7.128	854	857	859	rBV3	43276	44340	1.10%	0.096%
15	7.287	875	884	887	rBV	2498354	2594845	64.56%	5.642%
16	7.375	895	899	904	rVB4	72187	107089	2.66%	0.233%
17	7.440	904	910	916	rBV5	44669	104246	2.59%	0.227%
18	7.540	925	927	931	rVB	75201	65785	1.64%	0.143%
19	7.622	938	941	945	rBV2	38683	67149	1.67%	0.146%
20	7.663	945	948	952	rVB4	51501	72403	1.80%	0.157%
21	7.751	957	963	965	rBV7	34342	50764	1.26%	0.110%
22	8.010	1003	1007	1014	rBV	1363888	1364101	33.94%	2.966%
23	8.757	1131	1134	1142	rBV6	45287	101926	2.54%	0.222%
24	9.081	1185	1189	1200	rBV	3709639	3888966	96.75%	8.456%
25	9.475	1252	1256	1264	rVB	322350	308055	7.66%	0.670%
26	9.628	1278	1282	1287	rBV2	135977	147159	3.66%	0.320%
27	9.757	1298	1304	1308	rBV	1658337	1503843	37.41%	3.270%
28	9.786	1308	1309	1318	rVB	80424	86538	2.15%	0.188%
29	9.886	1319	1326	1329	rBV2	66742	76639	1.91%	0.167%
30	9.963	1336	1339	1344	rBV2	54363	67741	1.69%	0.147%
31	10.039	1347	1352	1356	rBV	69188	116567	2.90%	0.253%
32	10.304	1394	1397	1400	rBV2	96714	92411	2.30%	0.201%
33	10.463	1421	1424	1428	rVB3	33066	45492	1.13%	0.099%
34	10.545	1434	1438	1445	rBV	2766648	2657495	66.11%	5.778%

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Instrument : BNA_F
ClientSampleId : S-3

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.669	1457	1459	1460	rBV	85148	67531	1.68%	0.147%
36	10.686	1460	1462	1467	rVB	106506	98882	2.46%	0.215%
37	11.239	1552	1556	1558	rBV	1423674	1398829	34.80%	3.041%
38	11.257	1558	1559	1562	rVV	385520	277221	6.90%	0.603%
39	11.310	1566	1568	1570	rVV	117682	97023	2.41%	0.211%
40	11.351	1572	1575	1579	rVV	93415	109504	2.72%	0.238%
41	11.410	1581	1585	1591	rVB	88448	112999	2.81%	0.246%
42	11.704	1631	1635	1637	rBV2	31721	45303	1.13%	0.098%
43	11.775	1643	1647	1656	rBV3	761124	888989	22.12%	1.933%
44	11.851	1657	1660	1669	rVB2	116912	177744	4.42%	0.386%
45	11.980	1679	1682	1686	rBV2	90511	97312	2.42%	0.212%
46	12.186	1713	1717	1720	rVB	330934	295877	7.36%	0.643%
47	12.233	1720	1725	1728	rBV5	64031	94674	2.36%	0.206%
48	12.269	1728	1731	1734	rBV2	65489	86215	2.14%	0.187%
49	12.445	1758	1761	1764	rBV	529275	433700	10.79%	0.943%
50	12.486	1764	1768	1775	rVB2	225605	259081	6.45%	0.563%
51	12.557	1777	1780	1785	rBV	496991	508314	12.65%	1.105%
52	12.669	1794	1799	1803	rVB	354562	350233	8.71%	0.761%
53	12.816	1820	1824	1828	rVB	3030937	2714566	67.53%	5.902%
54	12.927	1840	1843	1845	rBV2	179242	152831	3.80%	0.332%
55	12.957	1845	1848	1851	rVV	723949	666285	16.58%	1.449%
56	12.998	1853	1855	1858	rVB	75912	64635	1.61%	0.141%
57	13.063	1863	1866	1869	rBV2	116298	120643	3.00%	0.262%
58	13.192	1885	1888	1892	rBV	199773	192726	4.79%	0.419%
59	13.357	1914	1916	1919	rBV2	71606	82459	2.05%	0.179%
60	13.398	1921	1923	1926	rVB2	91040	82039	2.04%	0.178%
61	13.669	1966	1969	1973	rBV	465302	462951	11.52%	1.007%
62	13.727	1976	1979	1981	rVV	179808	166733	4.15%	0.363%
63	13.751	1981	1983	1990	rVB3	85745	147254	3.66%	0.320%
64	13.863	1998	2002	2005	rBV2	1150617	1263403	31.43%	2.747%
65	14.039	2030	2032	2036	rBV	209854	179475	4.47%	0.390%
66	14.345	2081	2084	2087	rBV	435288	380370	9.46%	0.827%
67	14.639	2131	2134	2137	rBV	346824	321450	8.00%	0.699%
68	14.957	2185	2188	2194	rVB	551186	579932	14.43%	1.261%
69	15.274	2238	2242	2245	rBV	846429	1002769	24.95%	2.180%
70	15.310	2245	2248	2252	rVB2	378134	476131	11.85%	1.035%
71	15.715	2313	2317	2322	rVB	405435	571531	14.22%	1.243%

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Instrument : BNA_F
ClientSampleId : S-3

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.804	2330	2332	2334	rBV3	116613	135707	3.38%	0.295%
73	16.180	2392	2396	2403	rVB	295989	482818	12.01%	1.050%
74	16.727	2485	2489	2496	rVB	191151	368542	9.17%	0.801%

Sum of corrected areas: 45993301

LSC Report - Integrated Chromatogram

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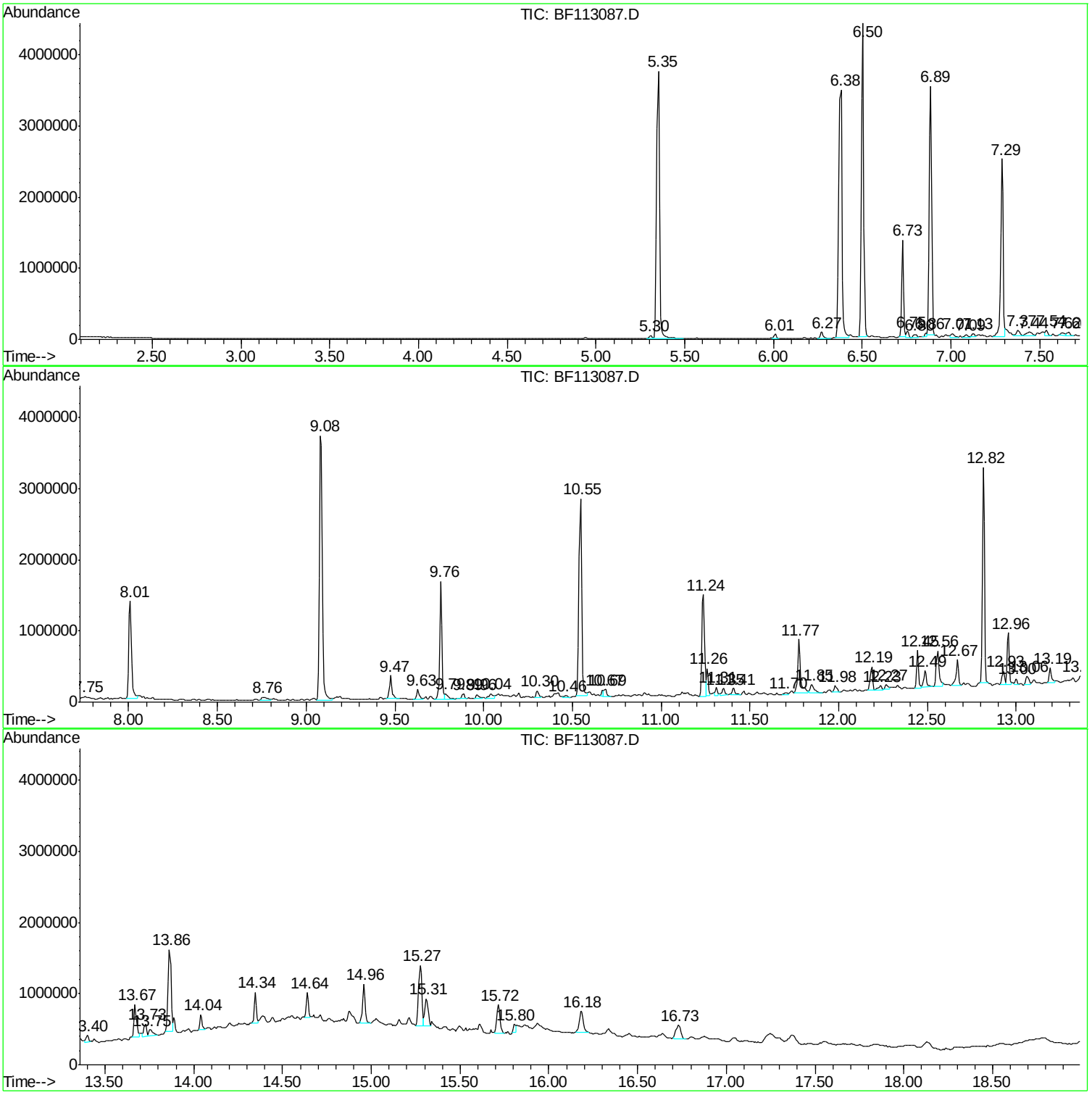
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031819\
Data File : BF113087.D
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Operator : JU/SJ
Sample : K1933-03
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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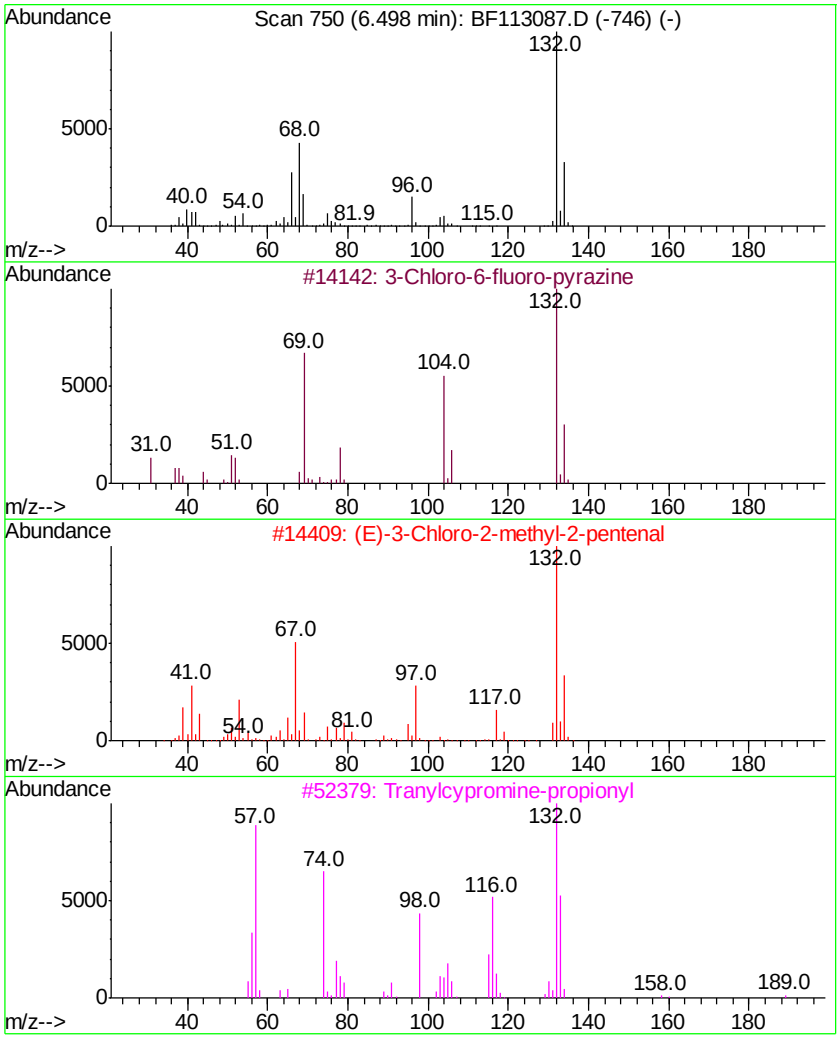
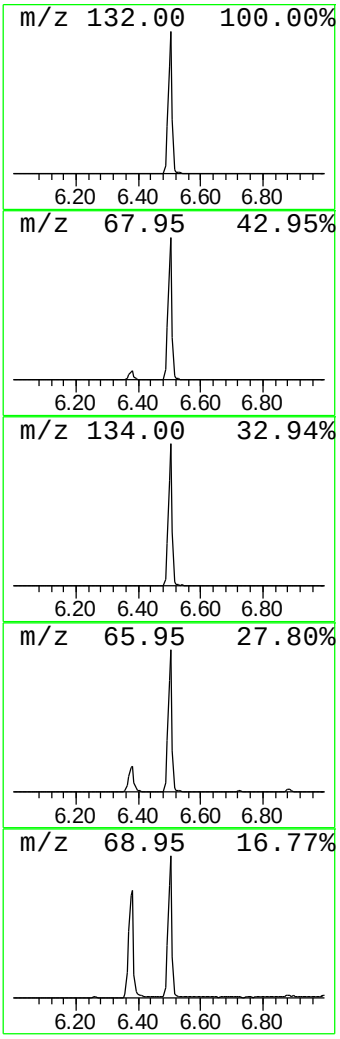
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	73.86 ng	3955310	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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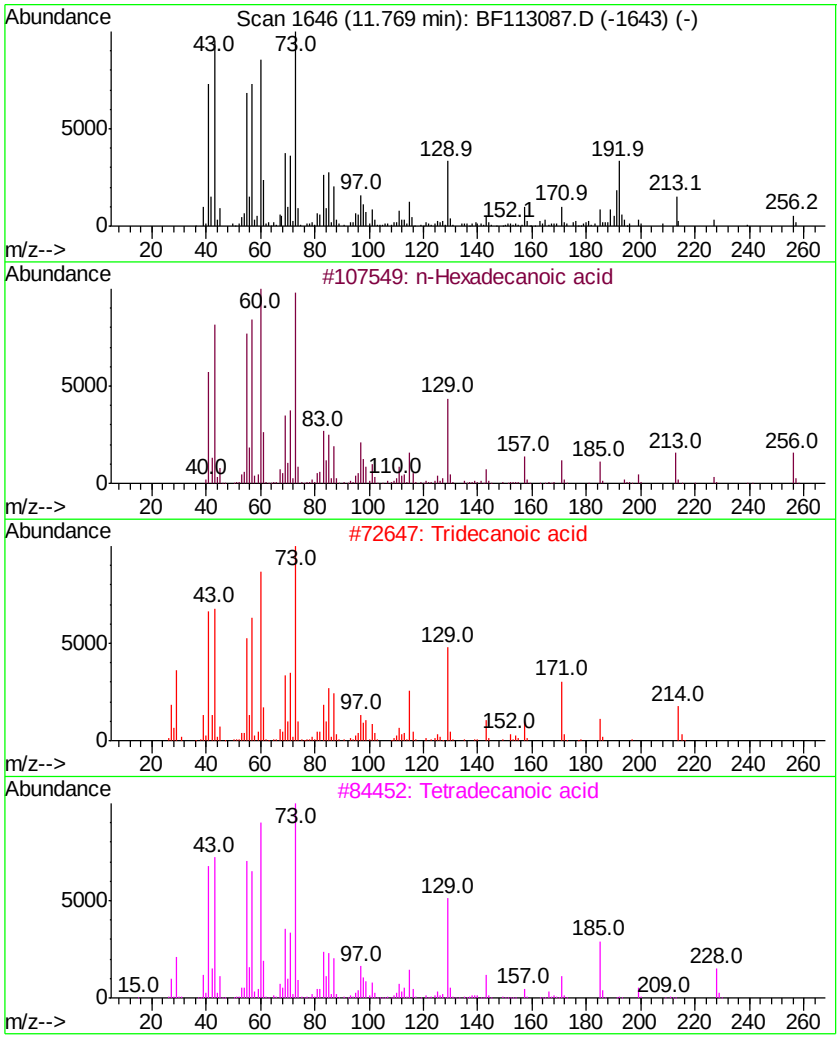
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

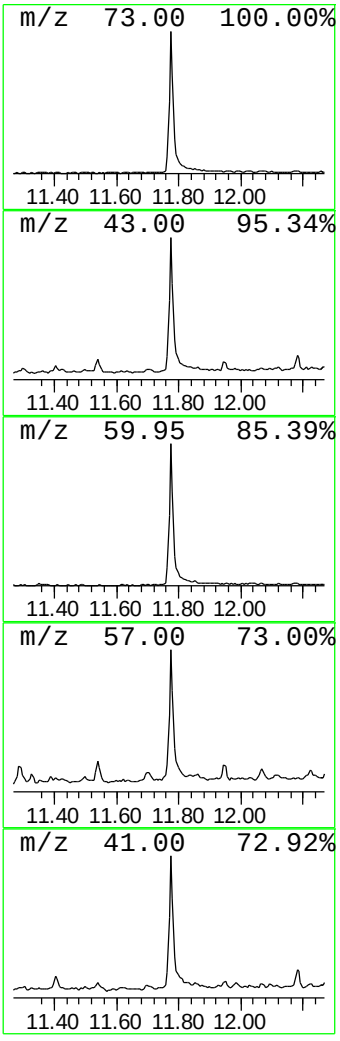
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	12.71 ng	888989	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25





Library Search Compound Report

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Operator : JU/SJ
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

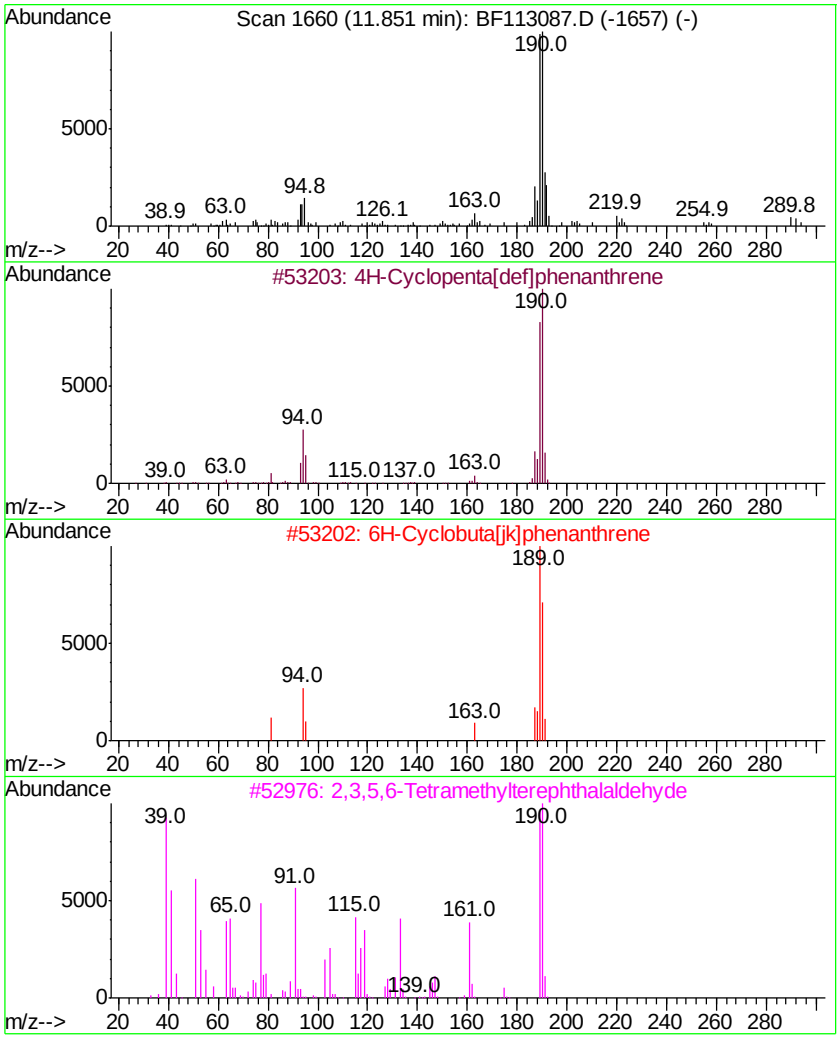
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

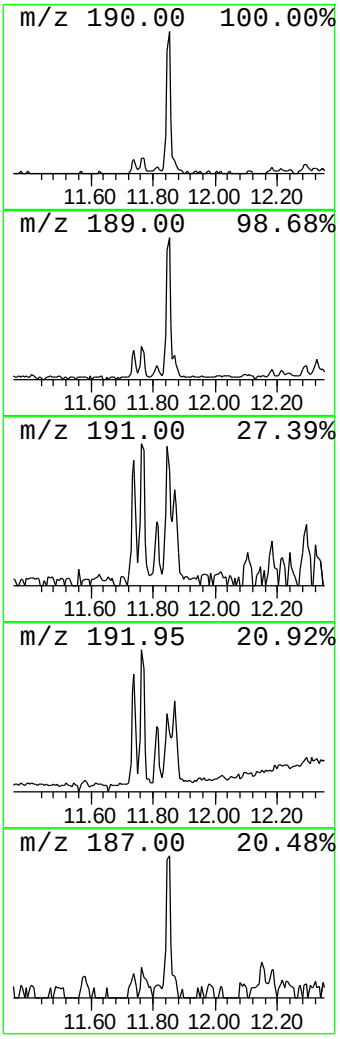
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.54 ng	177744	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Megastigmatrienone	190	C13H18O	038818-55-2	25
5	8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	23





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

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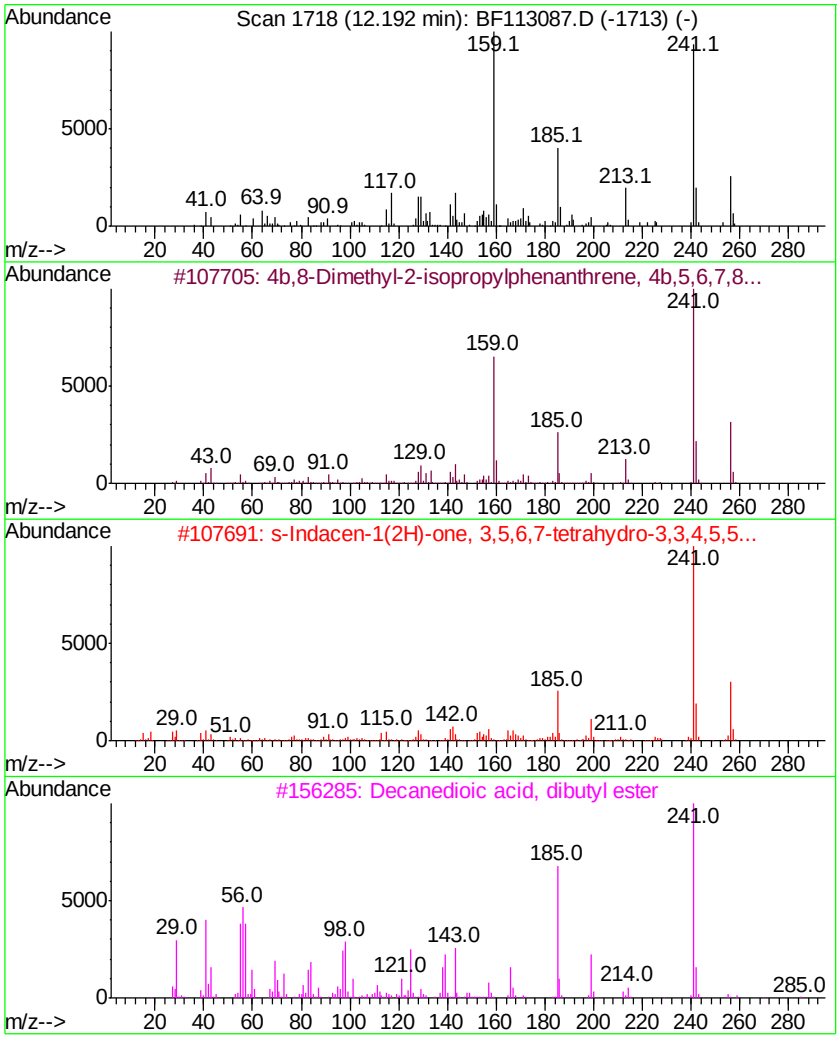
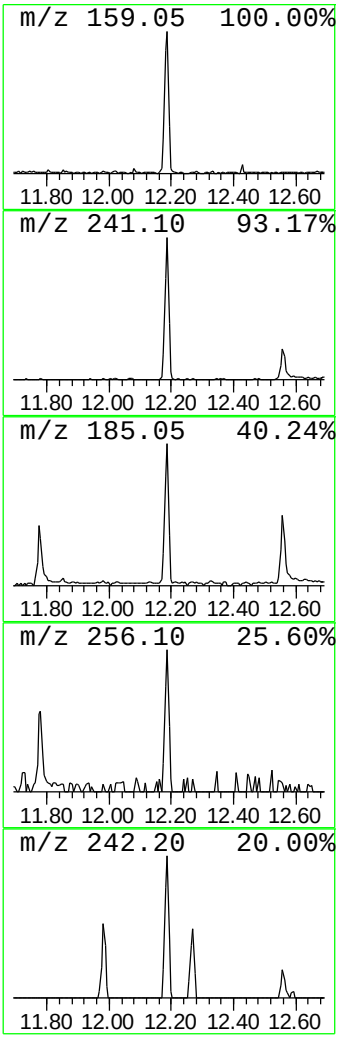
Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.23 ng	295877	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	86
3	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	38
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30





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TIC Library : C:\DATABASE\NIST11.L
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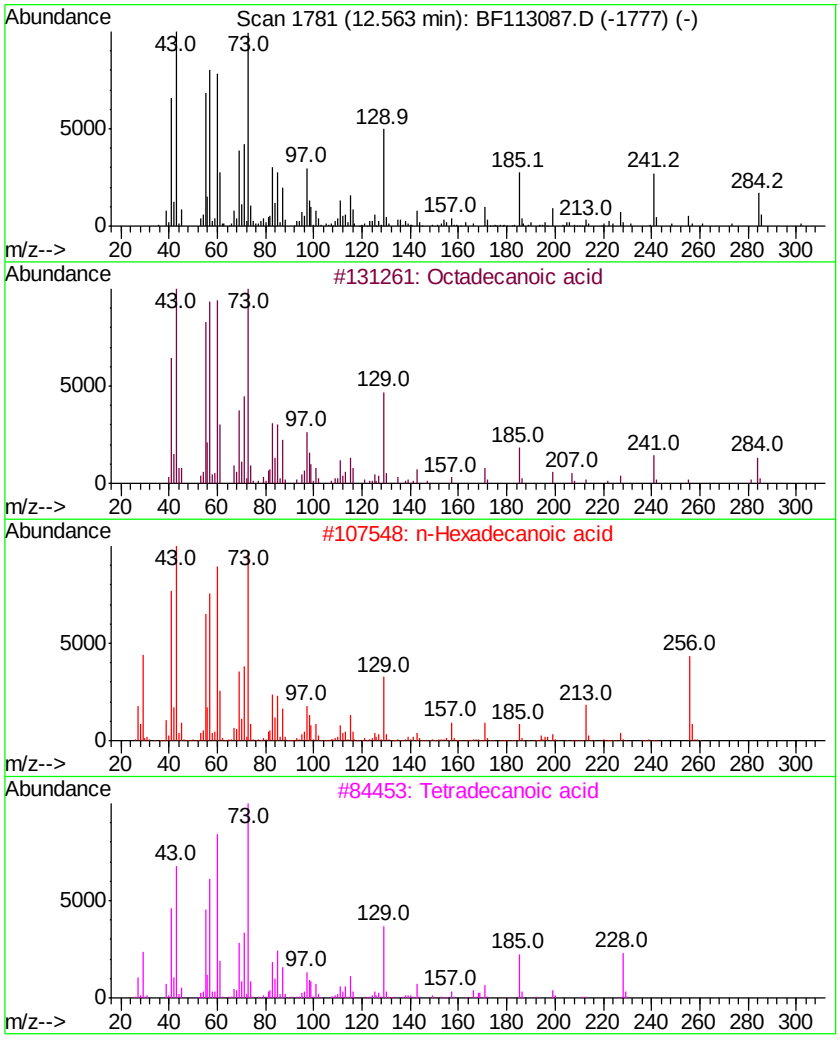
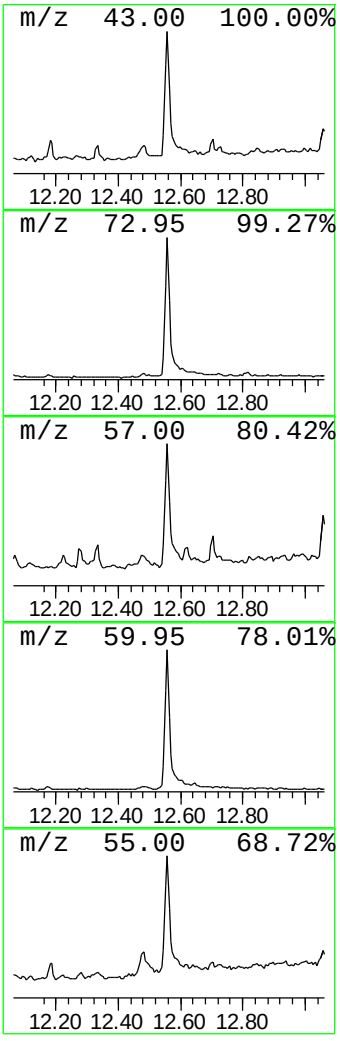
Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.05 ng	508314	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45





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Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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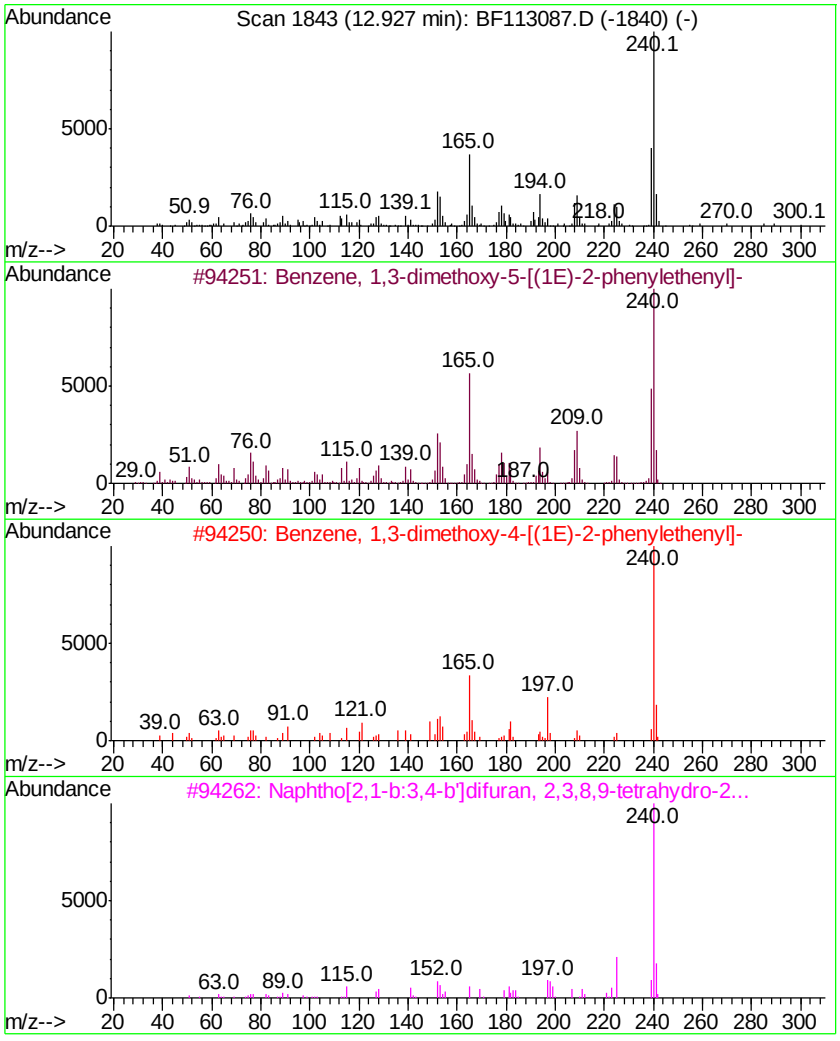
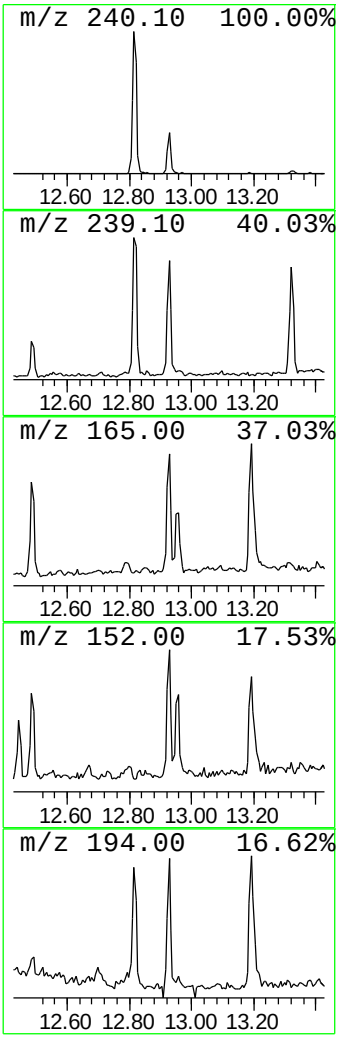
Peak Number 7 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.42 ng	152831	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	98
2	Benzene, 1,3-dimethoxy-4-[(1E)-2...	240	C16H16O2	1000368-46-0	52
3	Naphtho[2,1-b:3,4-b']difuran, 2,...	240	C16H16O2	068873-19-8	50
4	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	50
5	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	49





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Data File : BF113087.D
Acq On : 18 Mar 2019 13:48
Operator : JU/SJ
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

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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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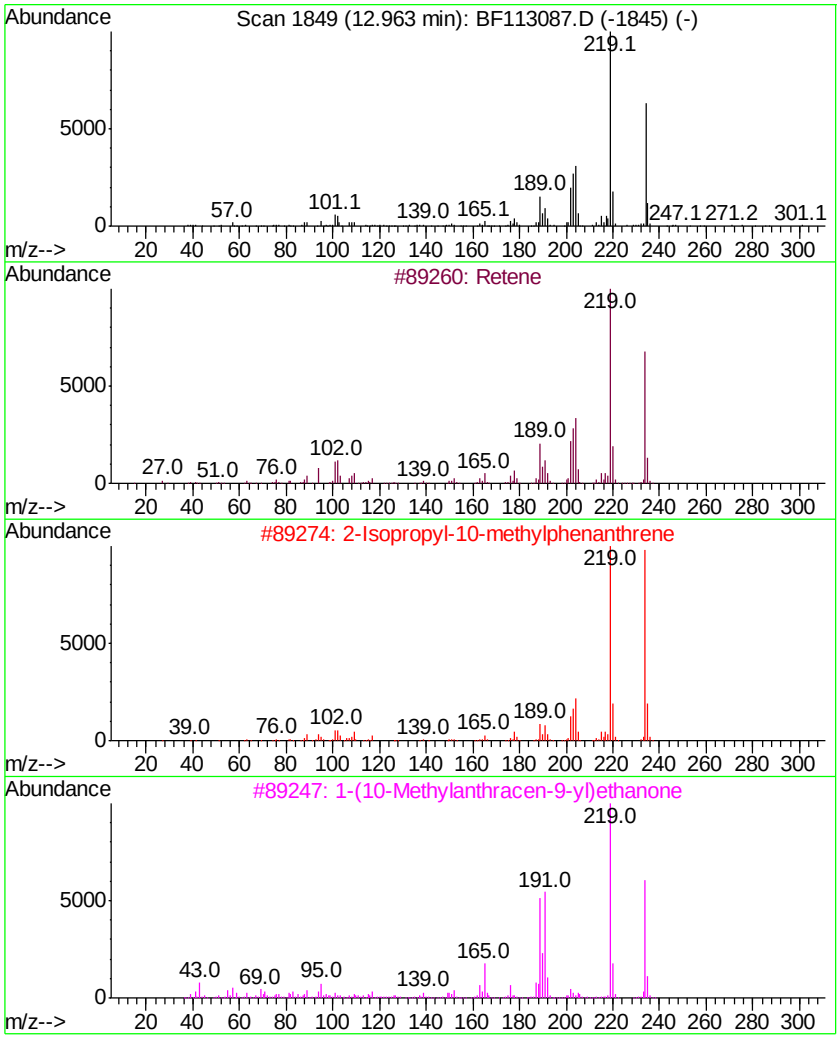
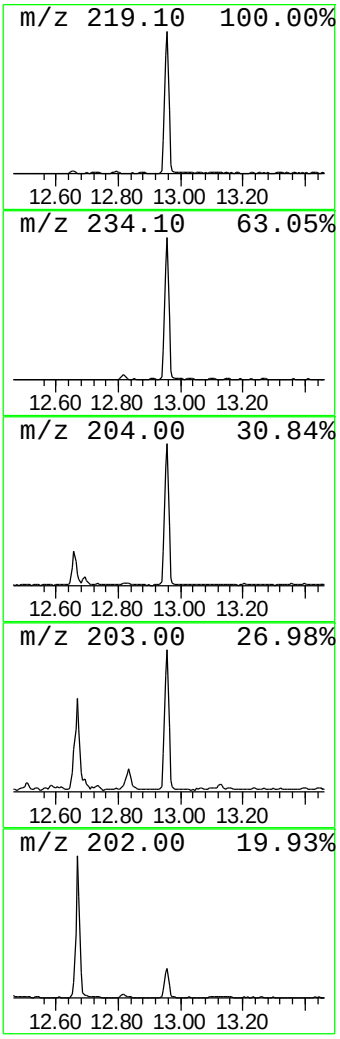
Peak Number 8 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	10.55 ng	666285	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	52





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ClientSampleId : S-3

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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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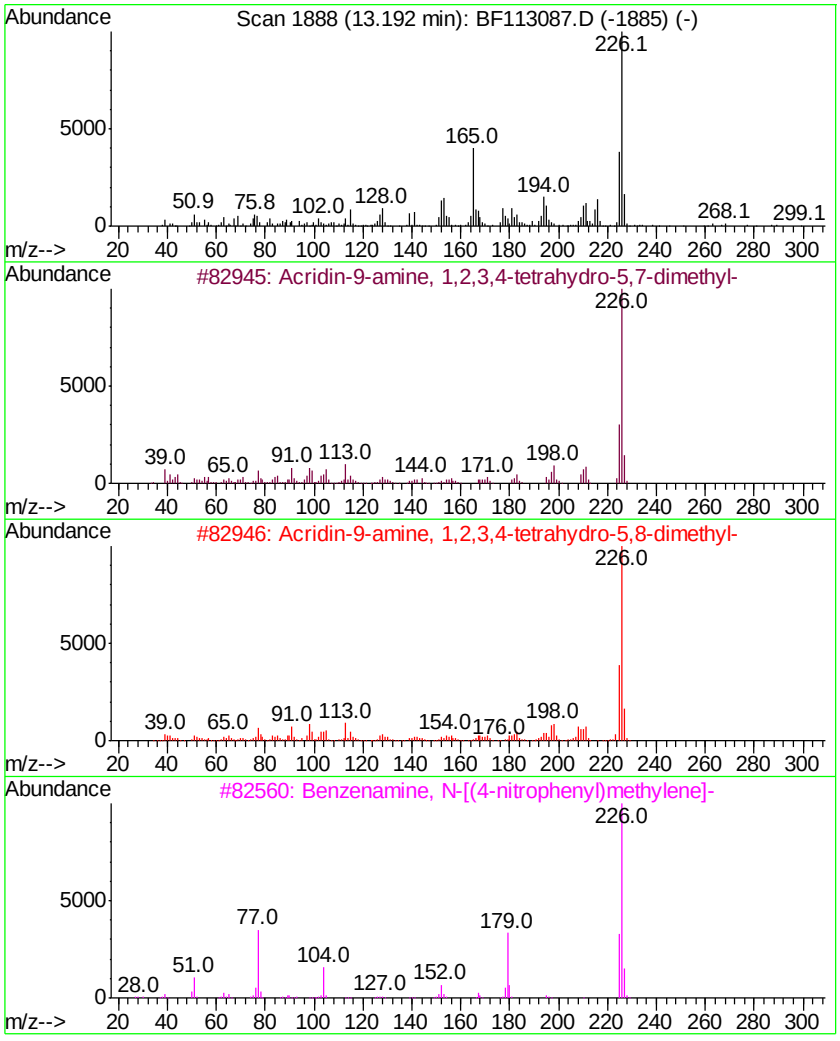
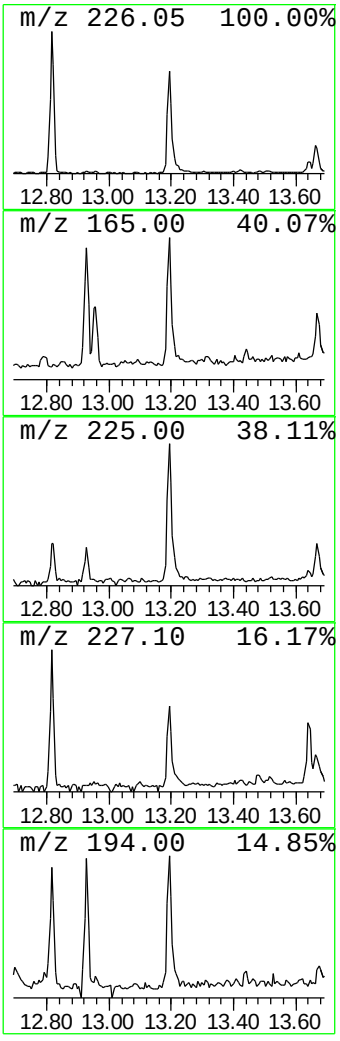
Peak Number 9 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.05 ng	192726	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	55
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	47
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	46





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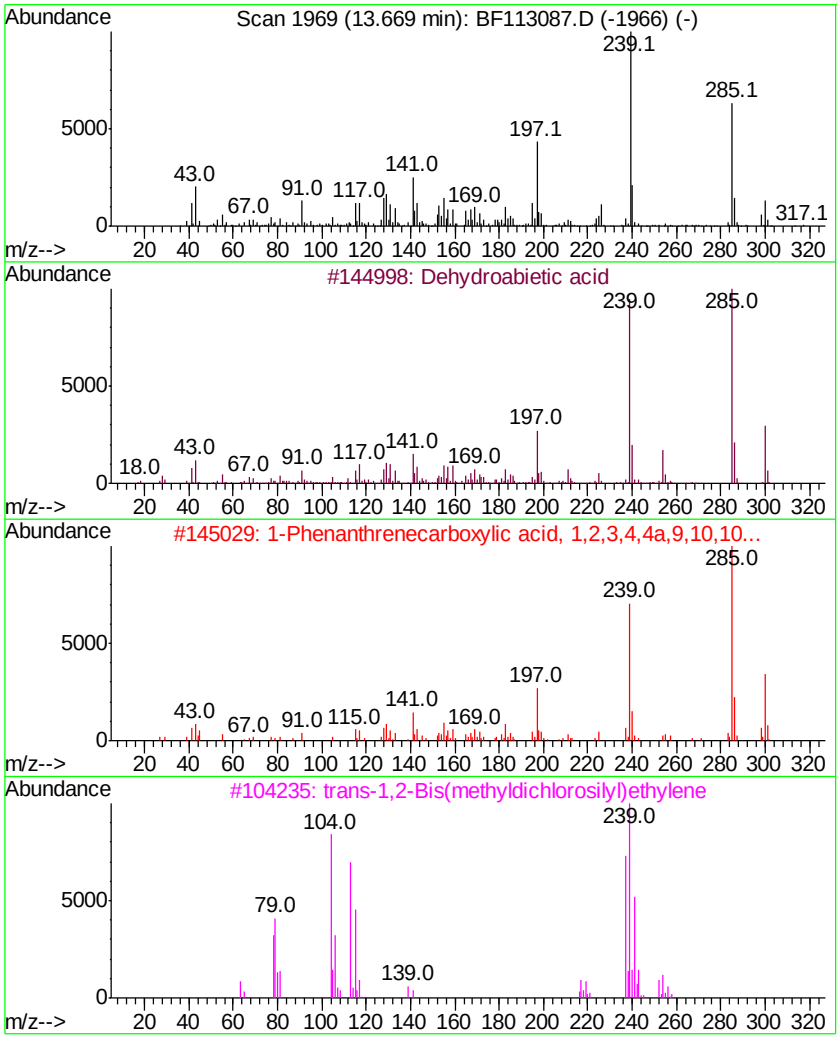
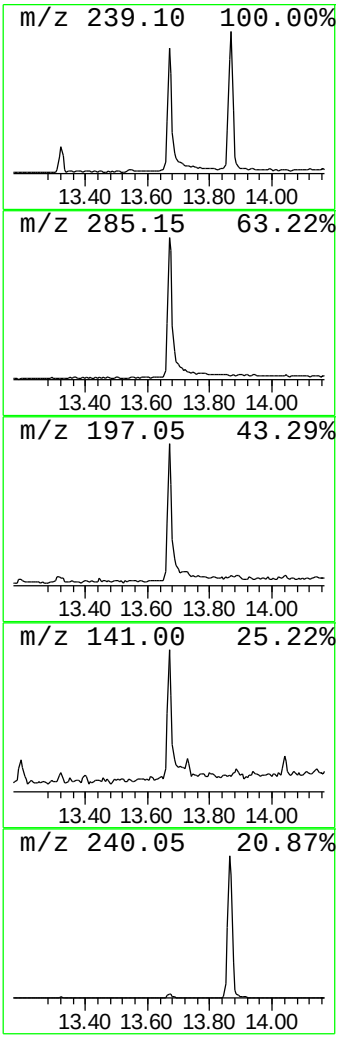
Peak Number 10 Dehydroabietic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.33 ng	462951	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	83
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	62
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	30





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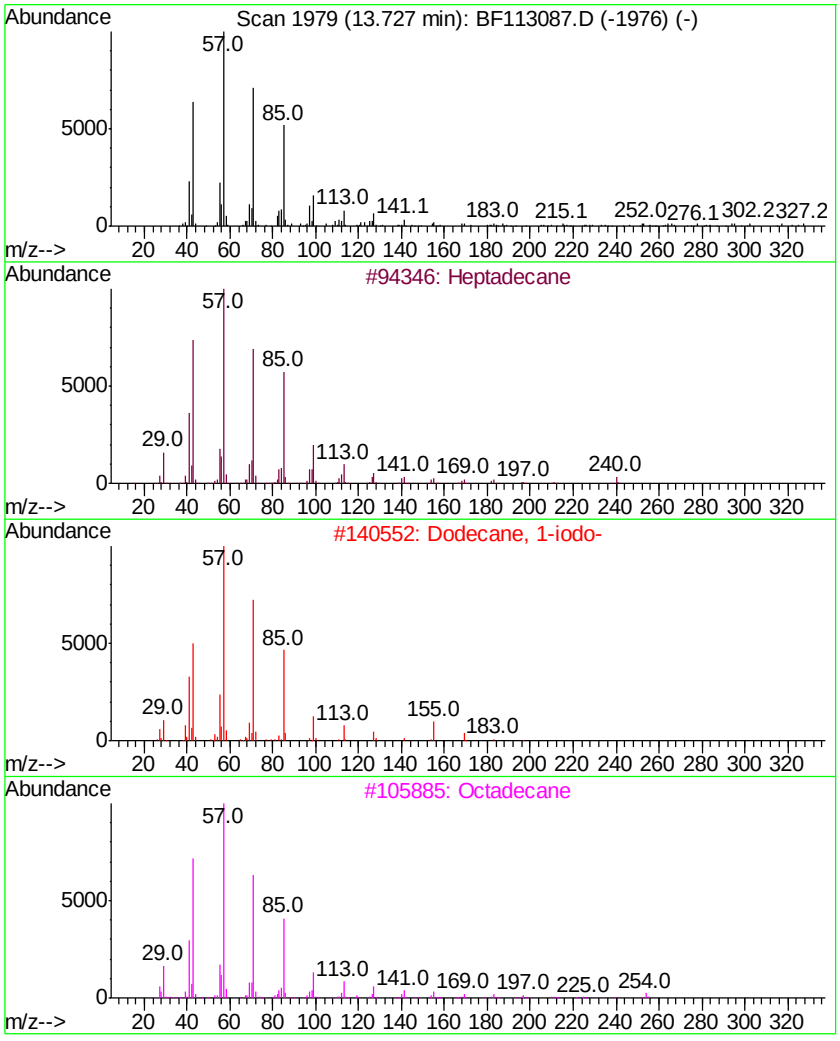
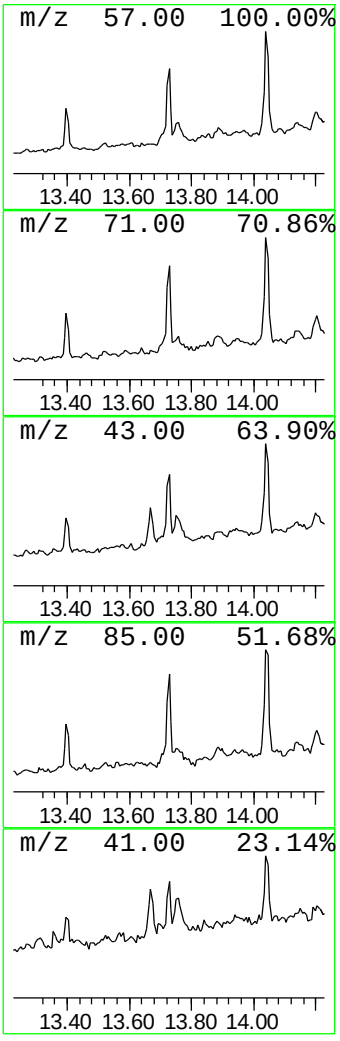
Peak Number 11 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.64 ng	166733	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Octadecane	254	C18H38	000593-45-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Octacosane	394	C28H58	000630-02-4	64





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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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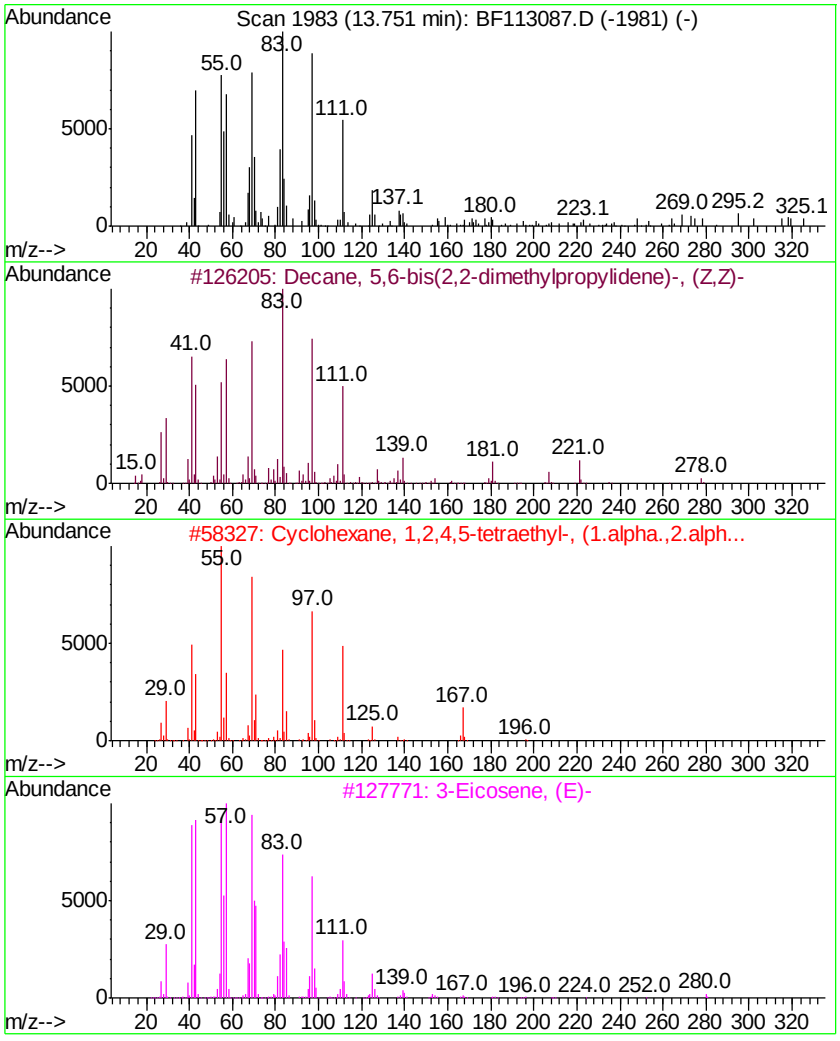
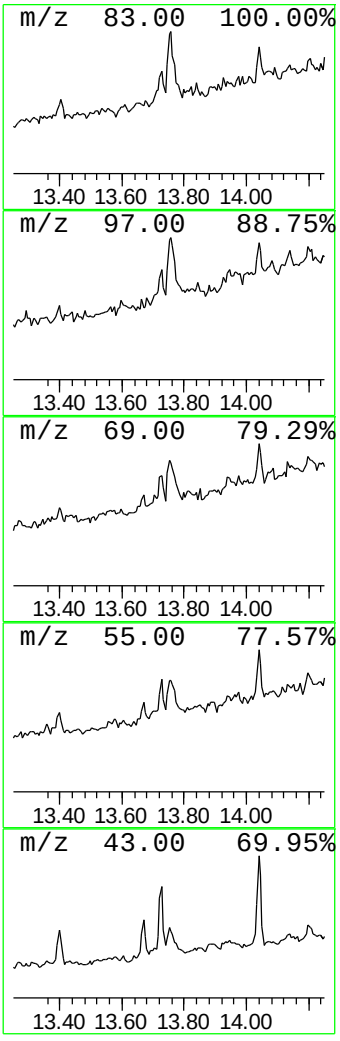
Peak Number 12 Decane, 5,6-bis(2,2-dimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.33 ng	147254	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	70
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	52
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	49
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	46
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46





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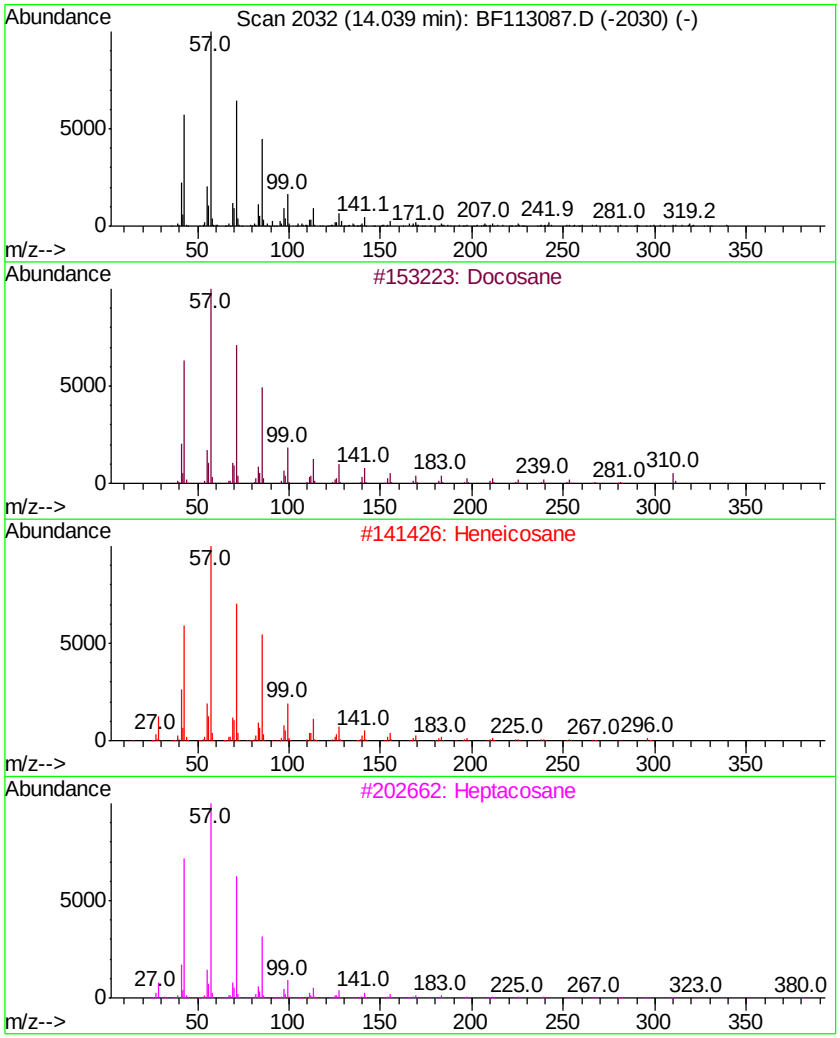
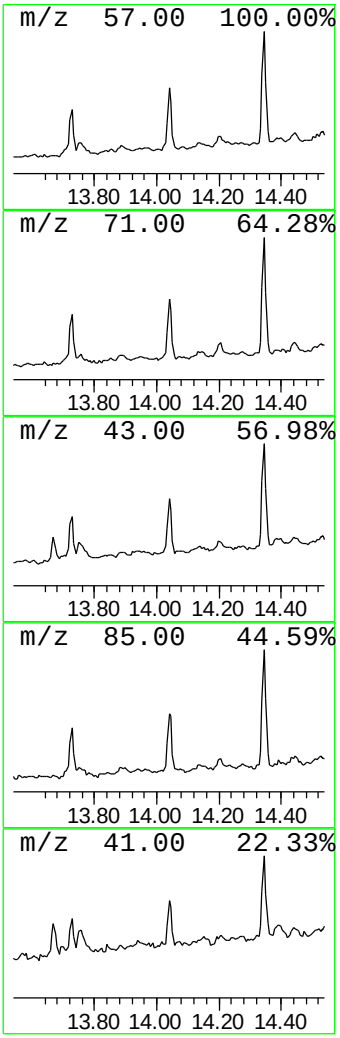
Peak Number 13 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.84 ng	179475	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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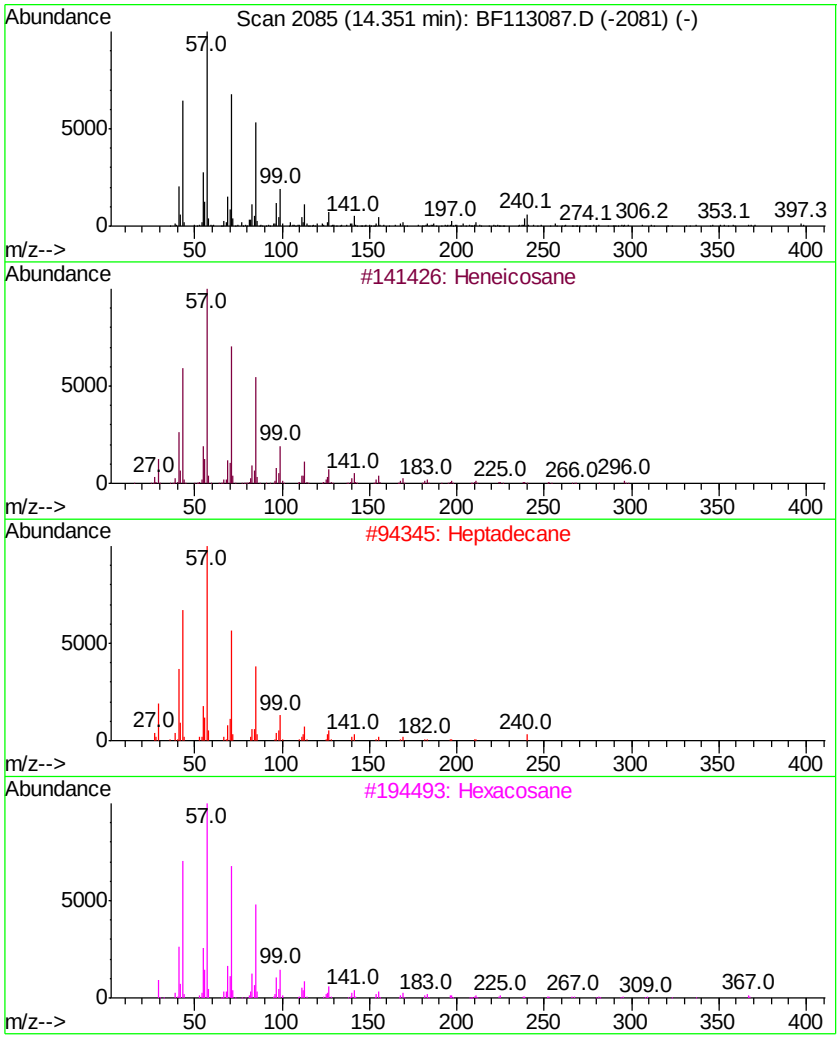
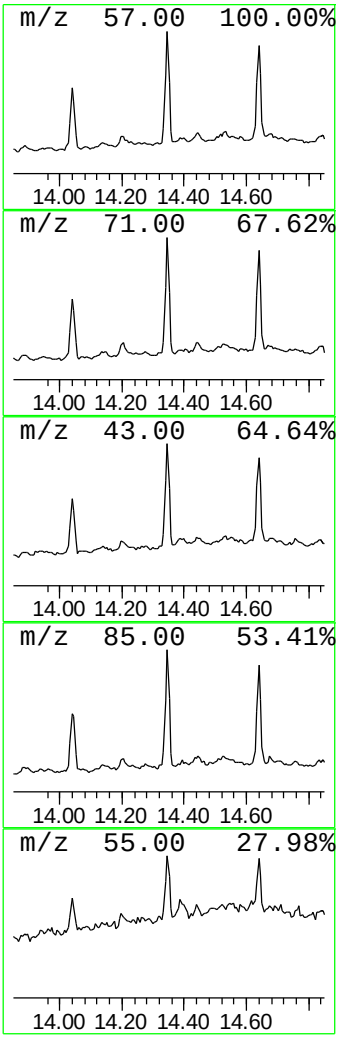
Peak Number 14 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	6.02 ng	380370	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Hexadecane	226	C16H34	000544-76-3	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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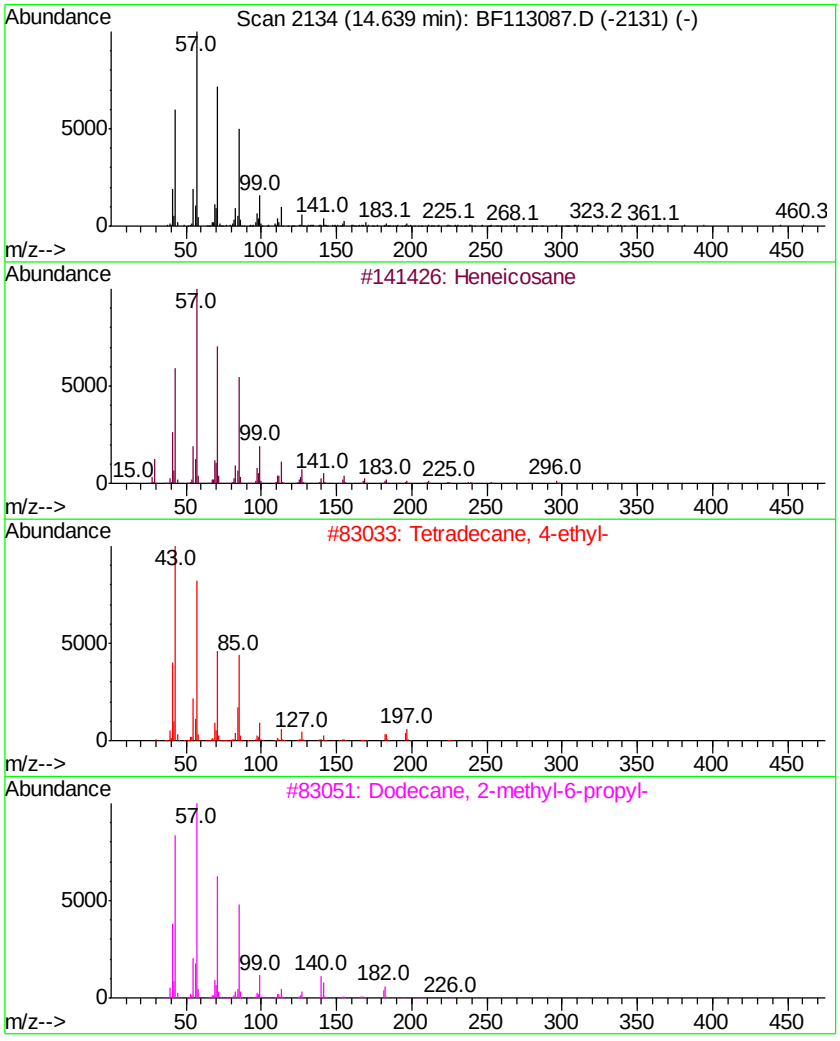
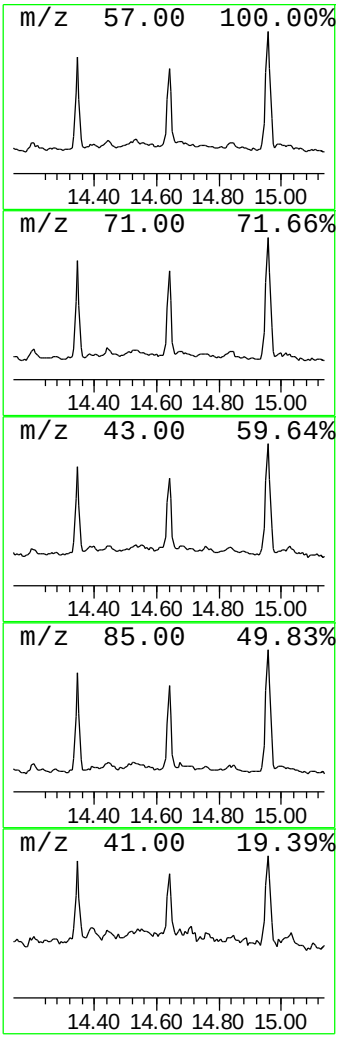
Peak Number 15 Tetradecane, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.41 ng	321450	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





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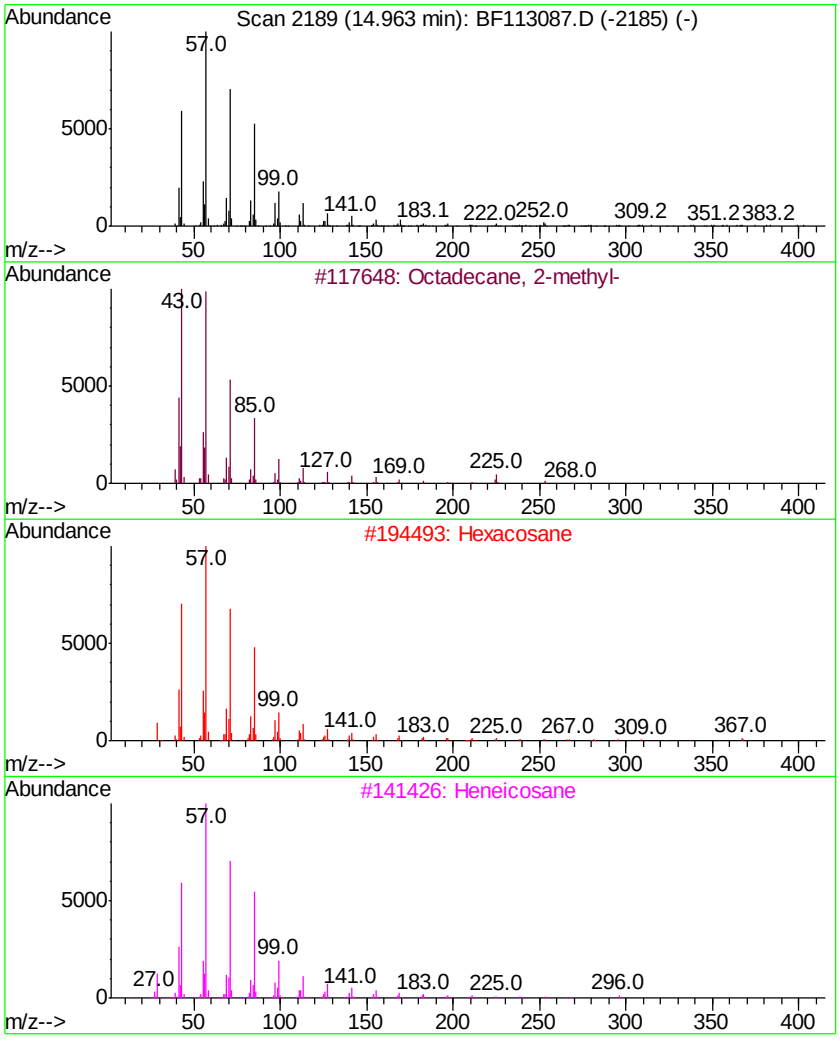
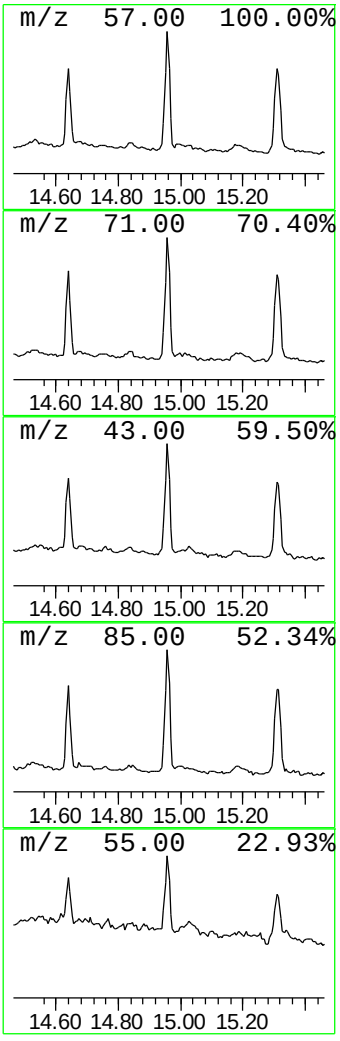
Peak Number 16 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	11.57 ng	579932	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





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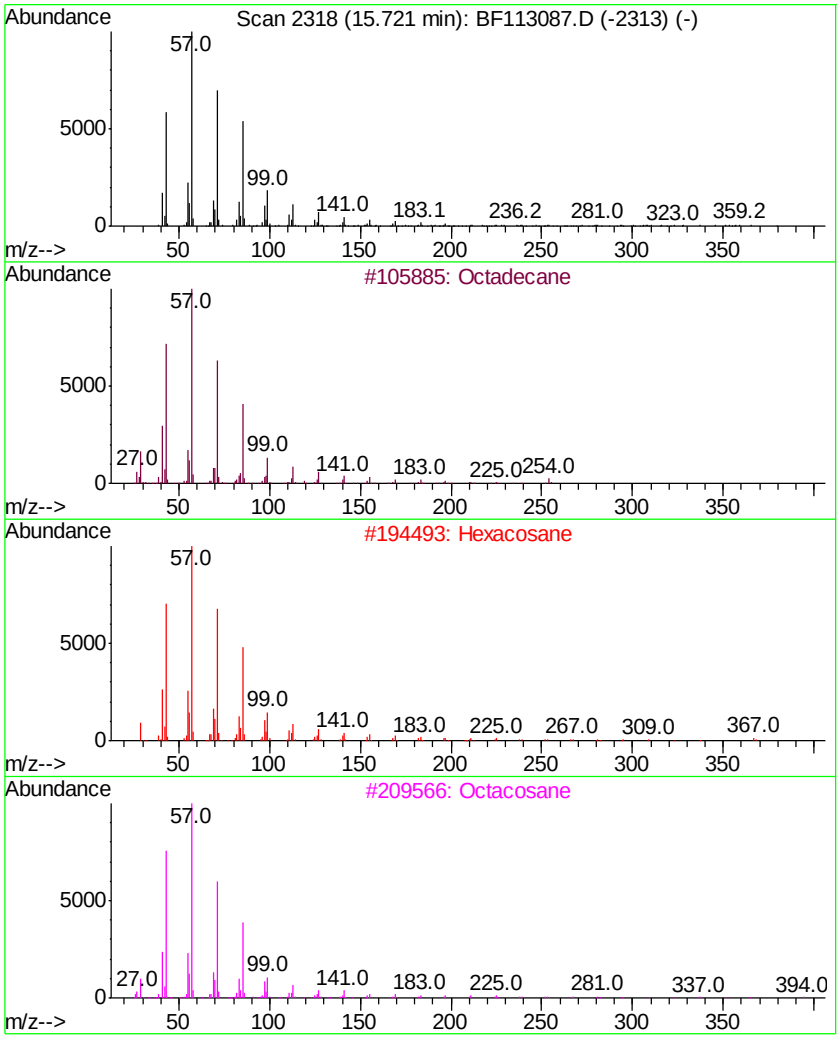
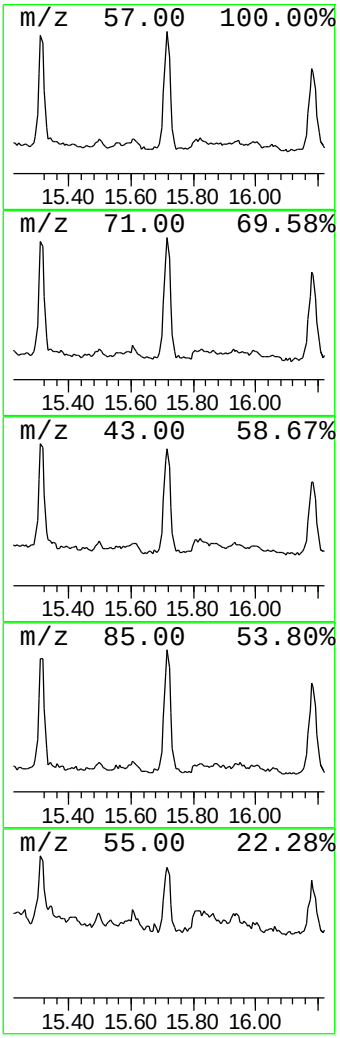
Peak Number 17 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	11.40 ng	571531	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





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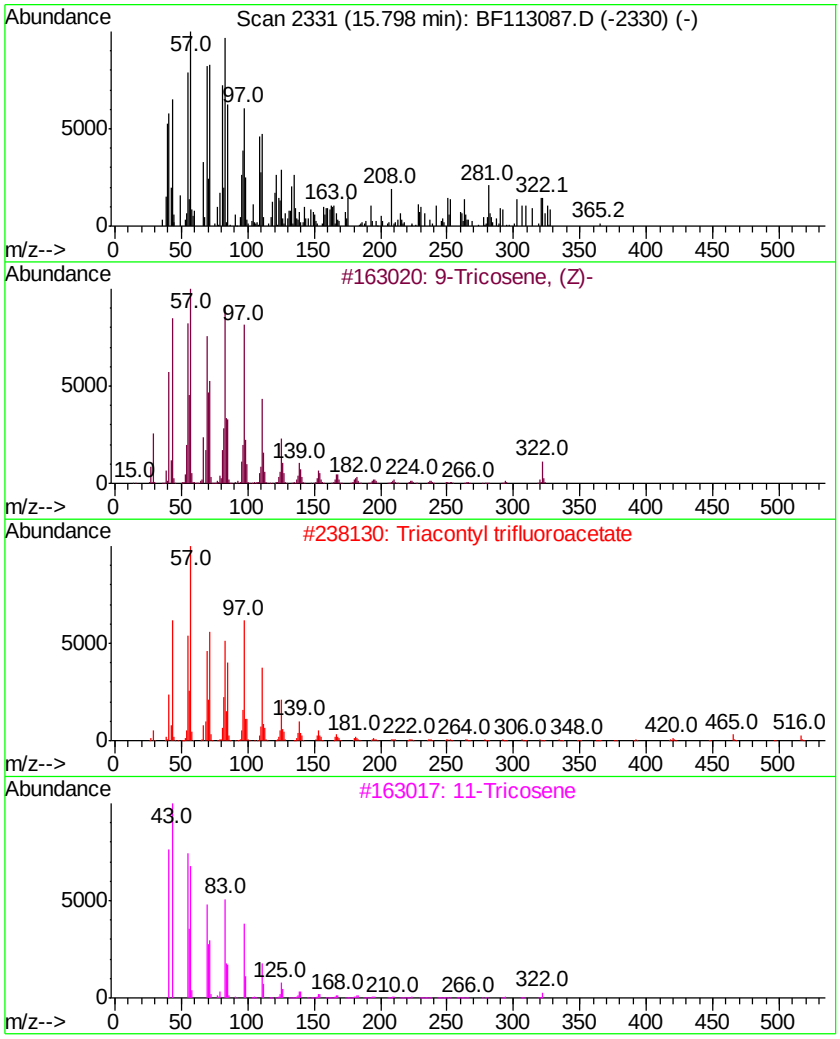
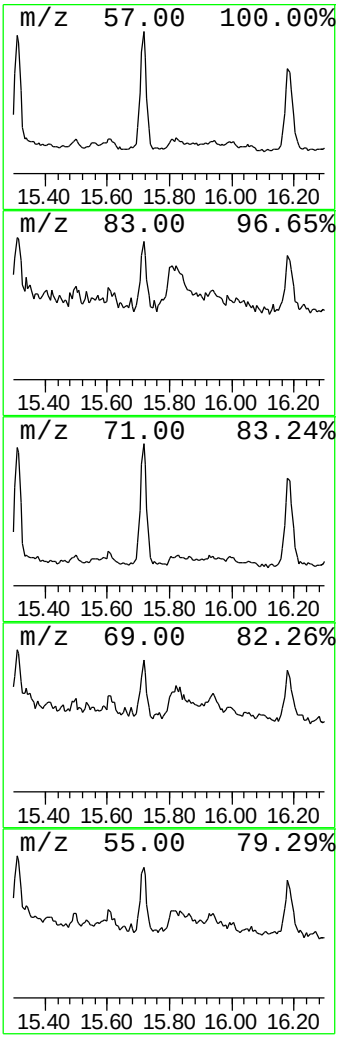
Peak Number 18 9-Tricosene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.71 ng	135707	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	78
2	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	68
3	11-Tricosene	322	C23H46	052078-56-5	64
4	1-Nonadecene	266	C19H38	018435-45-5	64
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	55





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Misc :
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Instrument : BNA_F
ClientSampleId : S-3

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

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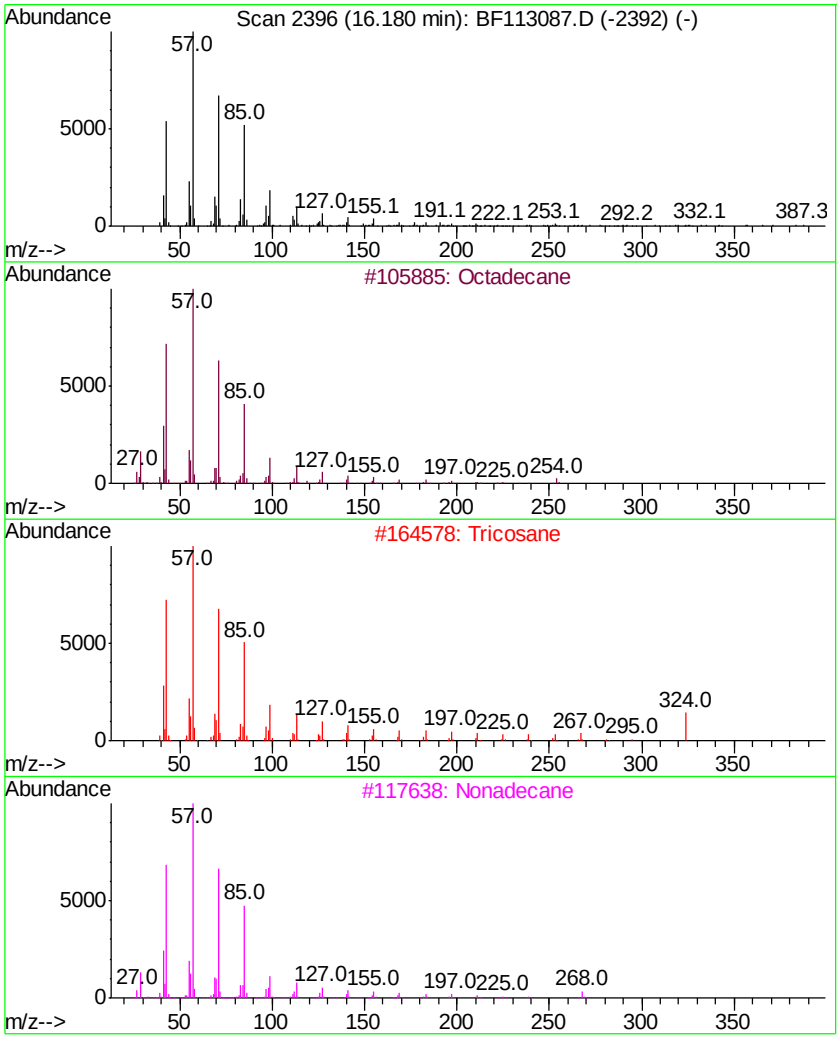
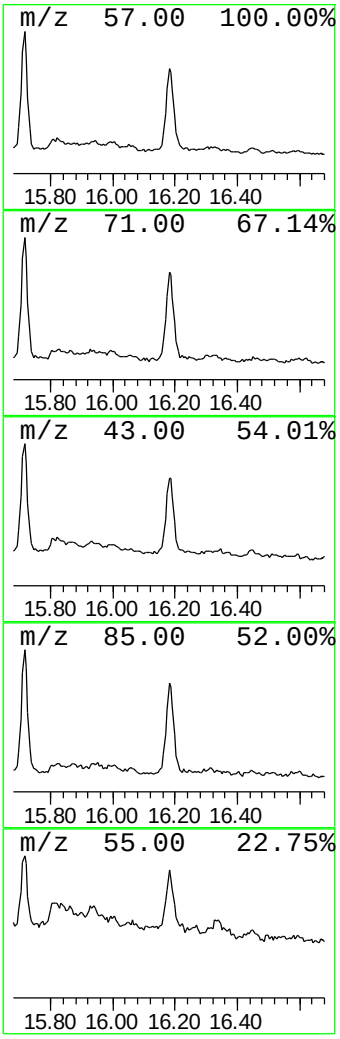
Peak Number 19 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	9.63 ng	482818	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BF113087.D
Acq On : 18 Mar 2019 13:48
Operator : JU/SJ
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

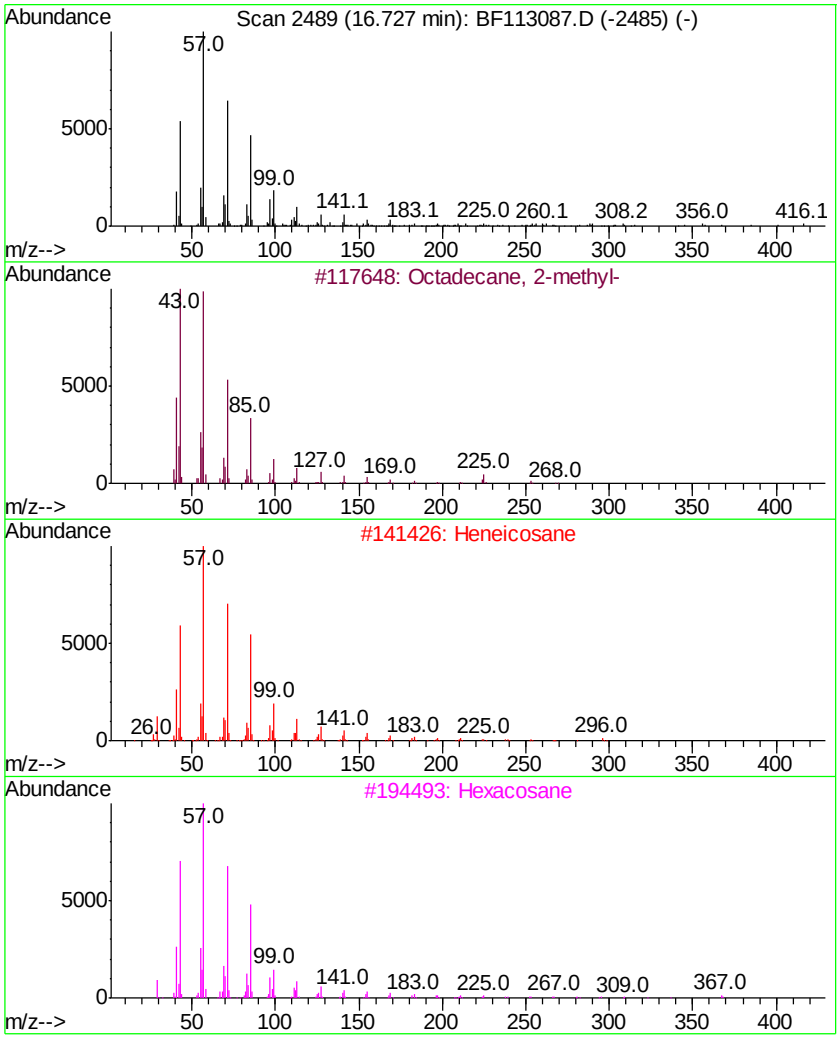
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

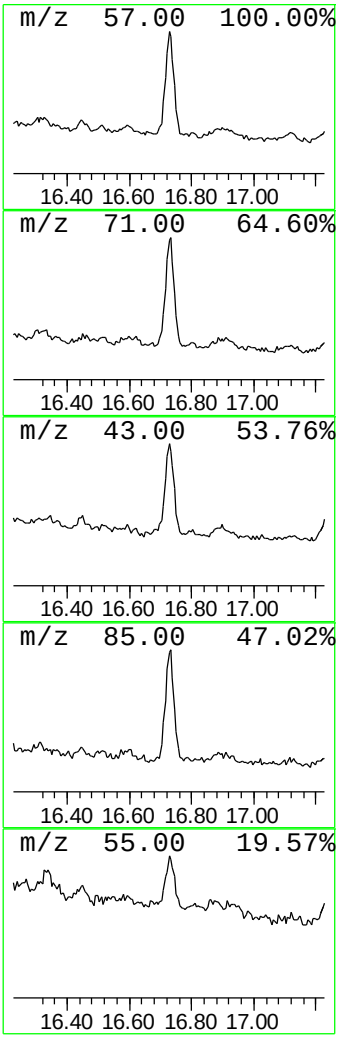
****

Peak Number 20 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	7.35 ng	368542	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113087.D
Acq On : 18 Mar 2019 13:48
Operator : JU/SJ
Sample : K1933-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	73.9	ng	3955310	1	6.73	1071100	20.0
n-Hexadecanoic acid	11.77	12.7	ng	888989	4	11.24	1398830	20.0
4H-Cyclopenta[def...	11.85	2.5	ng	177744	4	11.24	1398830	20.0
4b,8-Dimethyl-2-i...	12.19	4.2	ng	295877	4	11.24	1398830	20.0
Octadecanoic acid	12.56	8.1	ng	508314	5	13.86	1263400	20.0
Benzene, 1,3-dime...	12.93	2.4	ng	152831	5	13.86	1263400	20.0
Retene	12.96	10.6	ng	666285	5	13.86	1263400	20.0
Acridin-9-amine, ...	13.19	3.0	ng	192726	5	13.86	1263400	20.0
Dehydroabietic acid	13.67	7.3	ng	462951	5	13.86	1263400	20.0
Heptadecane	13.73	2.6	ng	166733	5	13.86	1263400	20.0
Decane, 5,6-bis(2...	13.75	2.3	ng	147254	5	13.86	1263400	20.0
Docosane	14.04	2.8	ng	179475	5	13.86	1263400	20.0
Heneicosane	14.35	6.0	ng	380370	5	13.86	1263400	20.0
Tetradecane, 4-et...	14.64	6.4	ng	321450	6	15.27	1002770	20.0
Octadecane, 2-met...	14.96	11.6	ng	579932	6	15.27	1002770	20.0
Octadecane	15.72	11.4	ng	571531	6	15.27	1002770	20.0
9-Tricosene, (Z)-	15.80	2.7	ng	135707	6	15.27	1002770	20.0
Tricosane	16.18	9.6	ng	482818	6	15.27	1002770	20.0
Triacontane	16.73	7.3	ng	368542	6	15.27	1002770	20.0