LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	4.887	471	476	485	rVB	361603	473305	16.61%	1.624%
2	5.310	543	548	551	rBV	2800738	2813807	98.77%	9.652%
3	6.340	717	723	727	rBV	2568694	2848783	100.00%	9.772%
4	6.469	740	745	748	rBV	2639030	2710714	95.15%	9.298%
5	6.693	780	783	787	rBV	862334	732822	25.72%	2.514%
6	6.851	806	810	813	rBV	2290330	2050517	71.98%	7.034%
7	7.257	873	879	882	rBV	1822117	1760219	61.79%	6.038%
8	7.975	997	1001	1007	rBV	1166184	1011869	35.52%	3.471%
9	8.787	1132	1139	1142	rBV	51301	39846	1.40%	0.137%
10	9.057	1179	1185	1188	rBV	2593662	2461382	86.40%	8.443%
11	9.386	1237	1241	1244	rBV	55138	58988	2.07%	0.202%
12	9.445	1248	1251	1254	rBV	347292	262626	9.22%	0.901%
13	9.586	1271	1275	1278	rBV	90203	73553	2.58%	0.252%
14	9.675	1287	1290	1293	rVB	39021	28610	1.00%	0.098%
15	9.728	1293	1299	1303	rBV	1137871	1010724	35.48%	3.467%
16	9.934	1331	1334	1337	rVB3	39138	36653	1.29%	0.126%
17	10.045	1348	1353	1356	rBV3	28440	38397	1.35%	0.132%
18	10.134	1363	1368	1373	rBV2	44232	75030	2.63%	0.257%
19	10.175	1373	1375	1378	rVB2	84667	64895	2.28%	0.223%
20	10.269	1389	1391	1398	rVB2	50913	54226	1.90%	0.186%
21	10.386	1408	1411	1414	rBV3	27904	37504	1.32%	0.129%
22	10.510	1428	1432	1436	rBV	1444141	1471864	51.67%	5.049%
23	10.645	1448	1455	1462	rBV2	104264	137331	4.82%	0.471%
24	10.816	1478	1484	1486	rBV3	28136	38650	1.36%	0.133%
25	10.845	1486	1489	1492	rVB2	38751	39697	1.39%	0.136%
26	11.010	1514	1517	1522	rVB3	28882	33883	1.19%	0.116%
27	11.092	1528	1531	1535	rBV2	53137	62406	2.19%	0.214%
28	11.204	1546	1550	1552	rBV	973530	847853	29.76%	2.908%
29	11.228	1552	1554	1557	rVV	369167	276506	9.71%	0.948%
30	11.280	1558	1563	1565	rVB	52757	54048	1.90%	0.185%
31	11.533	1598	1606	1610	rVB4	47064	68468	2.40%	0.235%
32	11.704	1632	1635	1638	rBV	147126	136582	4.79%	0.469%
33	11.733	1638	1640	1645	rVB2	189478	191175	6.71%	0.656%
34	11.816	1650	1654	1656	rVV	162393	167431	5.88%	0.574%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.839	1656	1658	1663	rVB	121302	98706	3.46%	0.339%
36	11.998	1682	1685	1687	rBV	56452	48077	1.69%	0.165%
37	12.022	1687	1689	1695	rVB2	50245	56259	1.97%	0.193%
38	12.180	1713	1716	1718	rBV	48250	44158	1.55%	0.151%
39	12.257	1725	1729	1731	rBV	123677	130811	4.59%	0.449%
40	12.286	1731	1734	1737	rVV2	66705	85643	3.01%	0.294%
41	12.339	1740	1743	1747	rBV4	48907	69369	2.44%	0.238%
42	12.410	1751	1755	1759	rVB	247912	224861	7.89%	0.771%
43	12.639	1789	1794	1796	rBV	317961	304025	10.67%	1.043%
44	12.704	1802	1805	1808	rVB	48746	50860	1.79%	0.174%
45	12.792	1815	1820	1823	rBV	1724882	1715454	60.22%	5.884%
46	12.863	1828	1832	1835	rBV3	57021	75390	2.65%	0.259%
47	12.945	1843	1846	1847	rBV3	39689	38021	1.33%	0.130%
48	12.963	1847	1849	1853	rVB	73740	81373	2.86%	0.279%
49	13.033	1858	1861	1864	rVB	43465	41271	1.45%	0.142%
50	13.069	1864	1867	1871	rVB	84221	75399	2.65%	0.259%
51	13.163	1880	1883	1885	rVV	67188	55400	1.94%	0.190%
52	13.192	1885	1888	1891	rVB2	70820	60975	2.14%	0.209%
53	13.374	1916	1919	1924	rVB6	21608	33123	1.16%	0.114%
54	13.469	1933	1935	1941	rVB3	36394	51498	1.81%	0.177%
55	13.574	1950	1953	1957	rBV2	46354	76963	2.70%	0.264%
56	13.692	1967	1973	1980	rVB2	171348	229153	8.04%	0.786%
57	13.833	1991	1997	1999	rBV2	770362	792325	27.81%	2.718%
58	13.857	1999	2001	2003	rVB	120360	91414	3.21%	0.314%
59	14.216	2058	2062	2065	rBV2	63567	75717	2.66%	0.260%
60	14.251	2065	2068	2072	rVB	48844	45055	1.58%	0.155%
61	14.327	2077	2081	2085	rVV2	67777	104891	3.68%	0.360%
62	14.751	2149	2153	2158	rVB	191888	184314	6.47%	0.632%
63	14.839	2164	2168	2174	rBV	92056	156813	5.50%	0.538%
64	14.951	2182	2187	2192	rBV2	317881	434955	15.27%	1.492%
65	15.116	2212	2215	2220	rVB	81992	91457	3.21%	0.314%
66	15.174	2221	2225	2229	rBV	96697	116378	4.09%	0.399%
67	15.233	2230	2235	2239	rBV	602172	692880	24.32%	2.377%
68	15.463	2271	2274	2279	rVB2	70509	96821	3.40%	0.332%
69	15.686	2306	2312	2315	rBV2	57164	100672	3.53%	0.345%
70	15.727	2315	2319	2327	rVB4	78104	145925	5.12%	0.501%
71	16.410	2432	2435	2444	rVB5	47001	87705	3.08%	0.301%

LSC Area Percent Report

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Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.568	2457	2462	2467	rBV2	38940	73516	2.58%	0.252%
73	16.962	2526	2529	2535	rVB2	23687	45038	1.58%	0.154%

Sum of corrected areas: 29153029

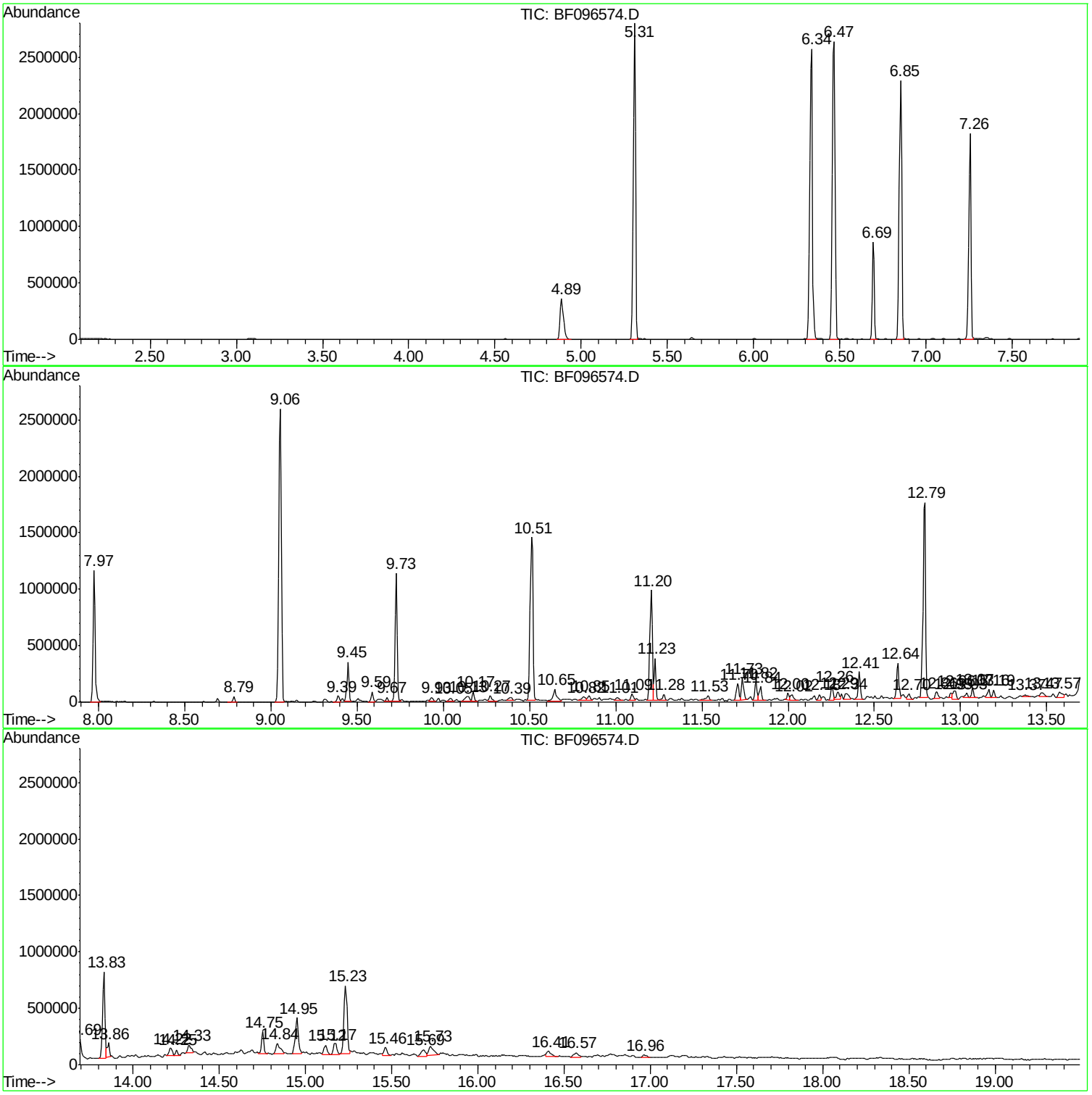
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

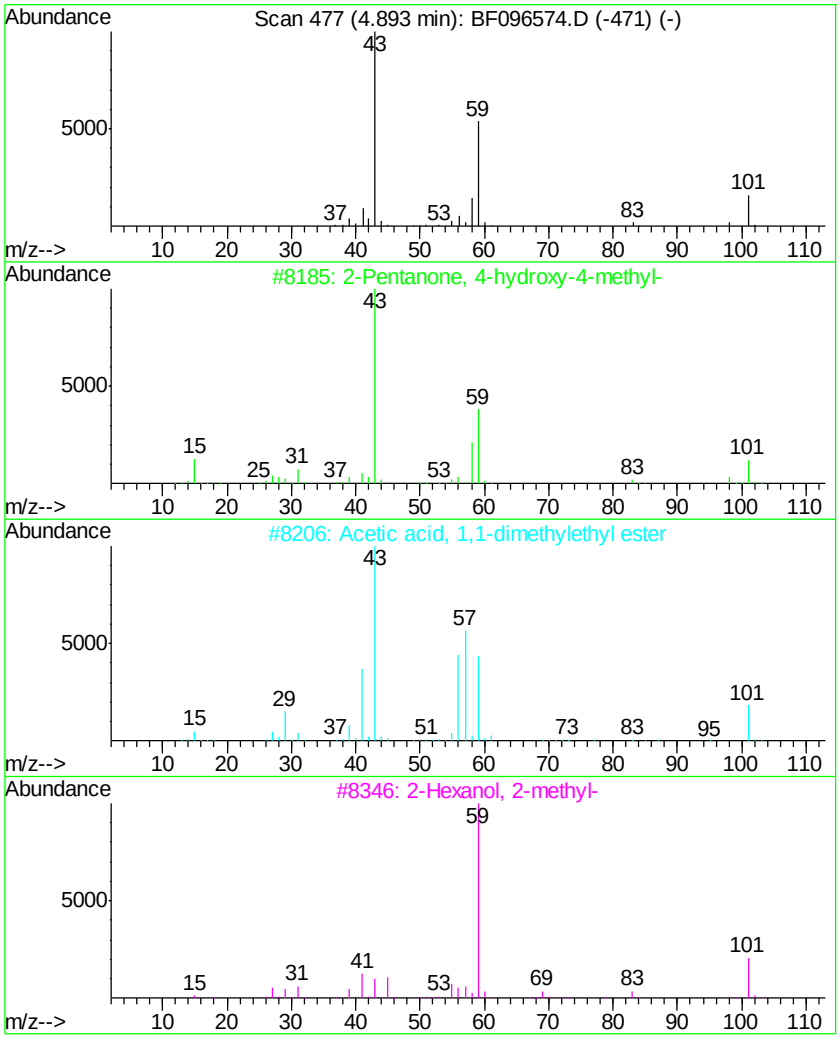
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

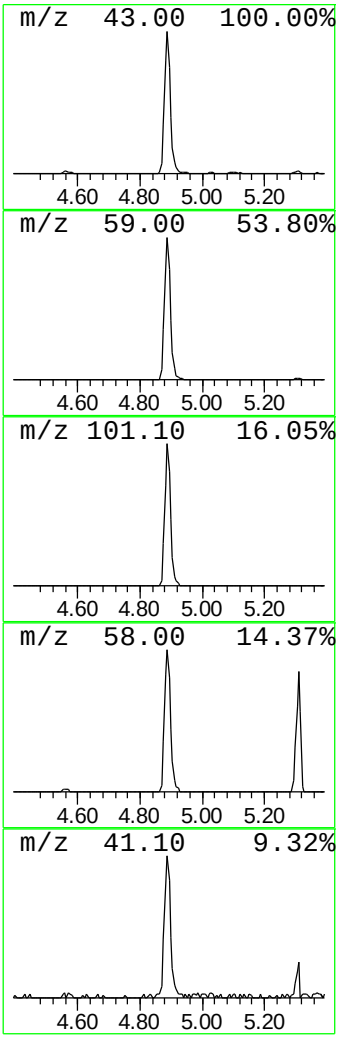
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	12.92 ng	473305	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
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Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

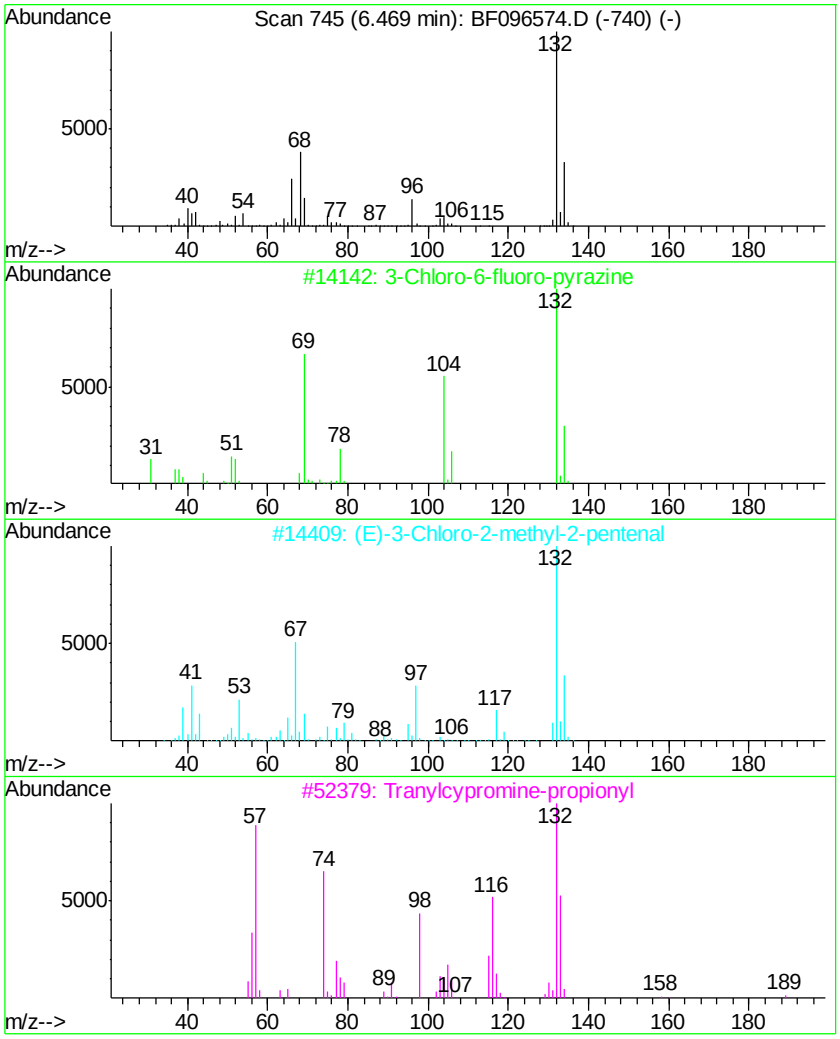
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

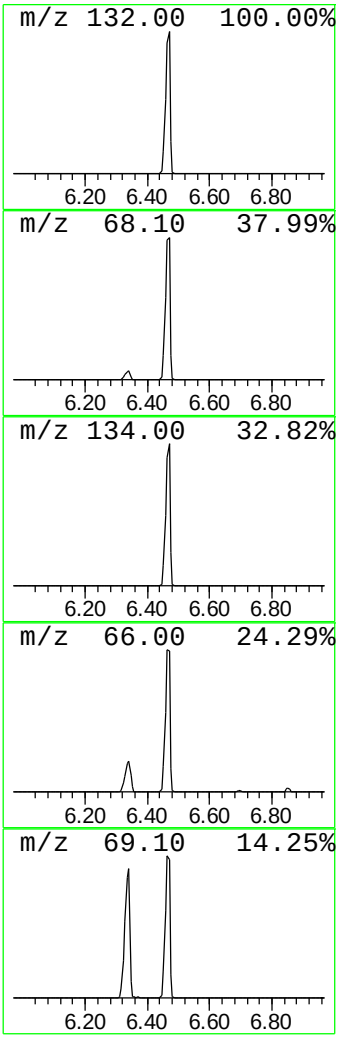
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	73.98 ng	2710710	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

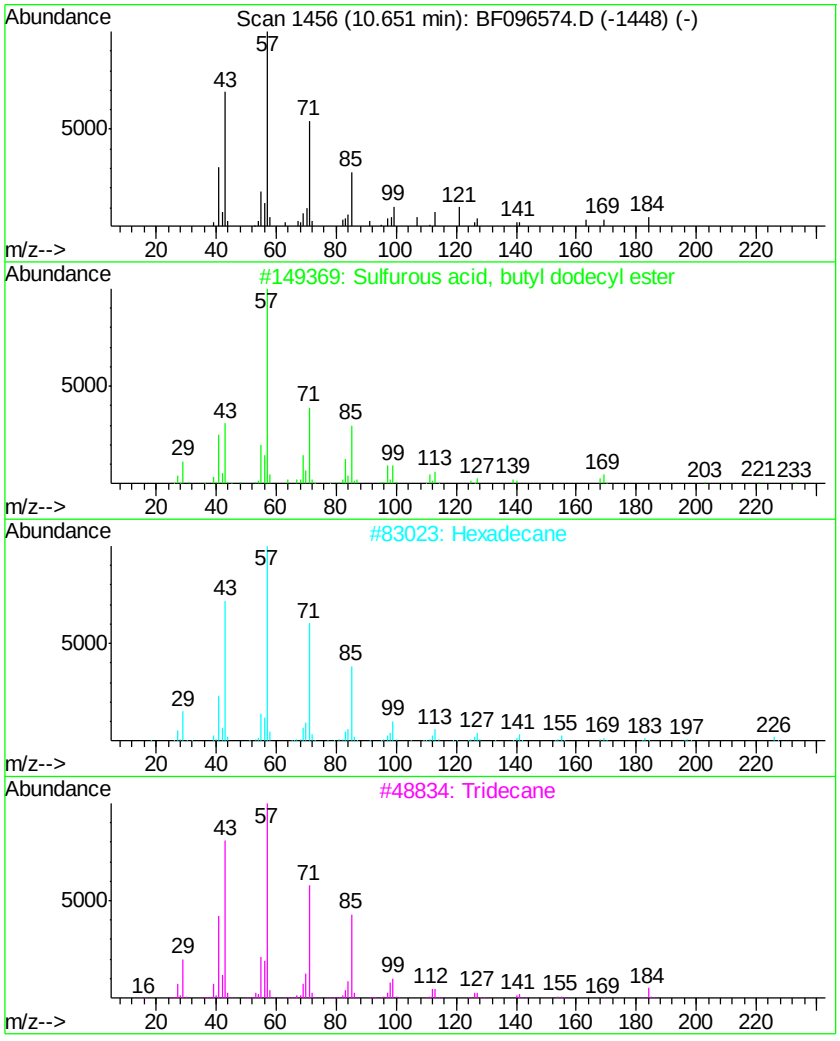
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

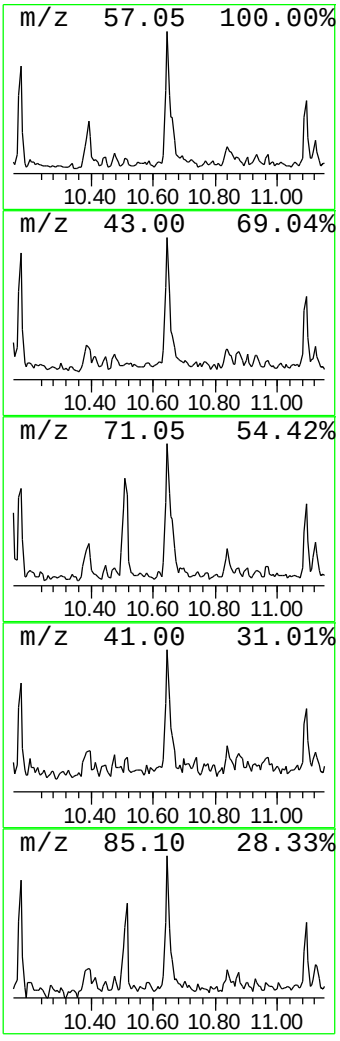
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, butyl dodec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.24 ng	137331	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Pentadecane	212	C15H32	000629-62-9	74





Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
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Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

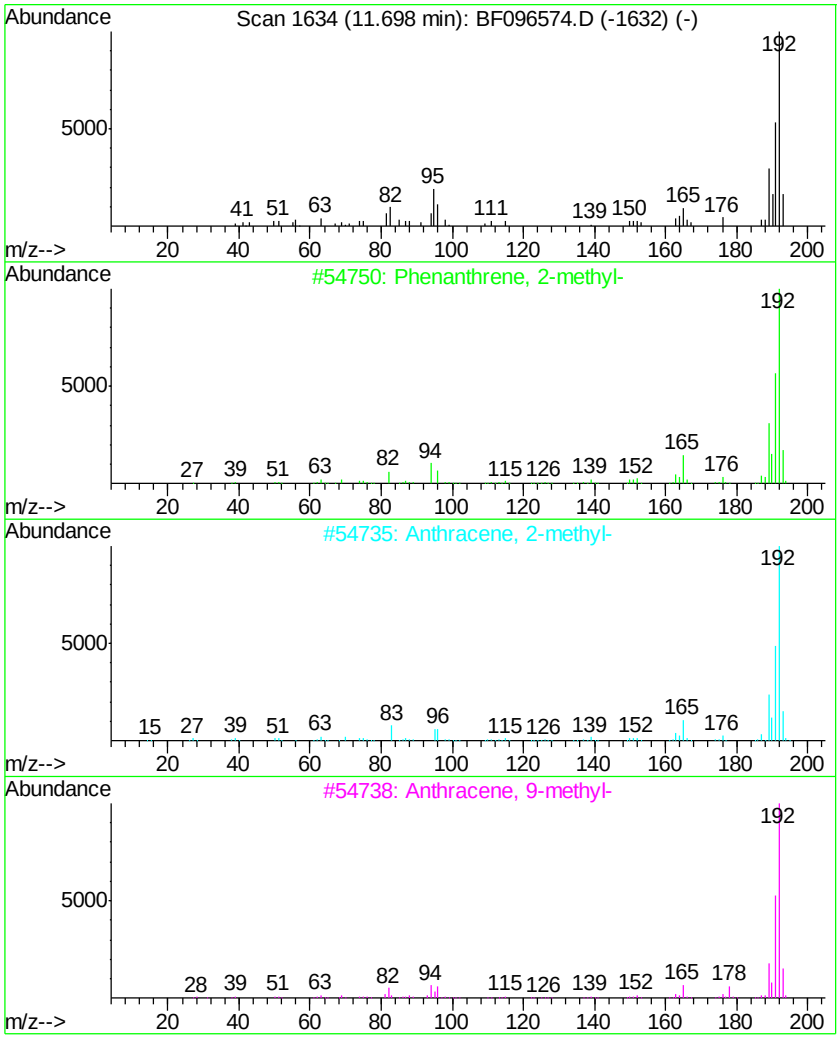
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

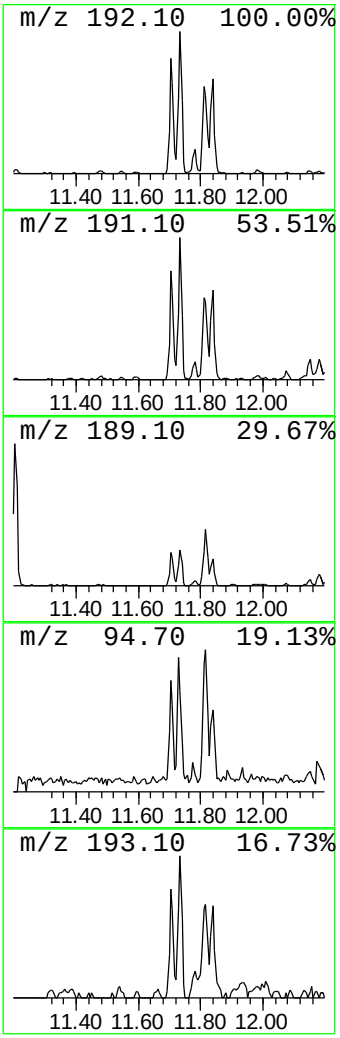
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.22 ng	136582	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

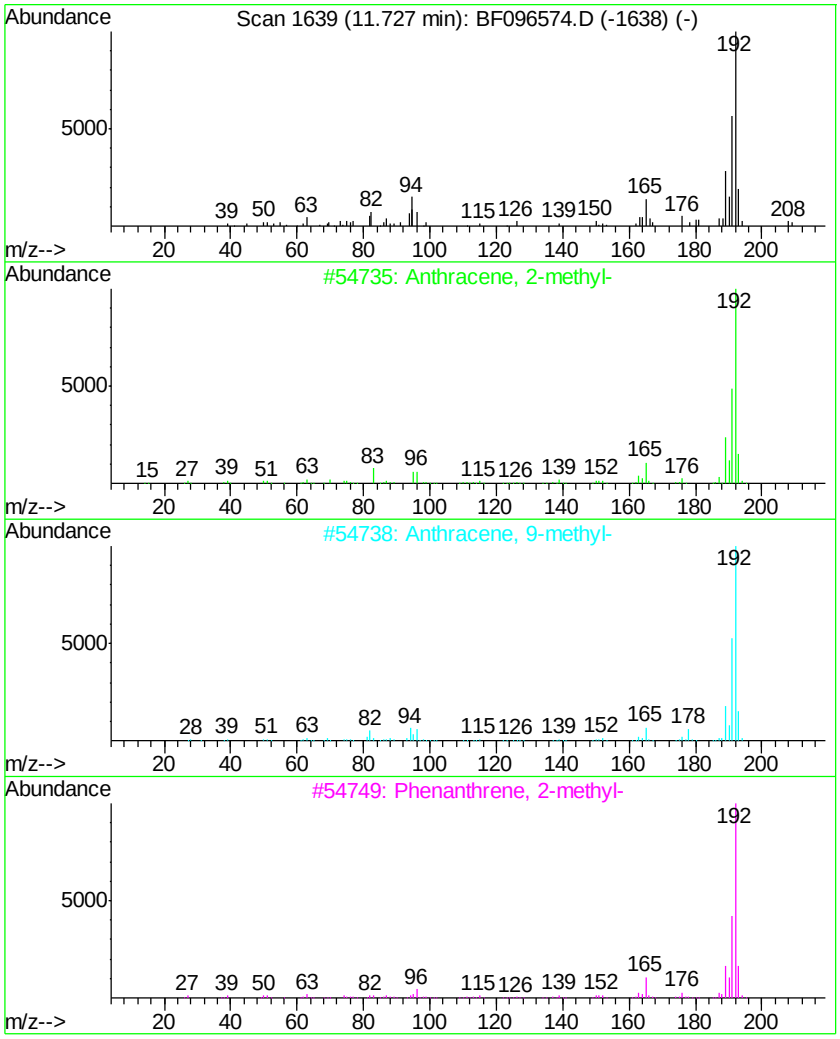
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

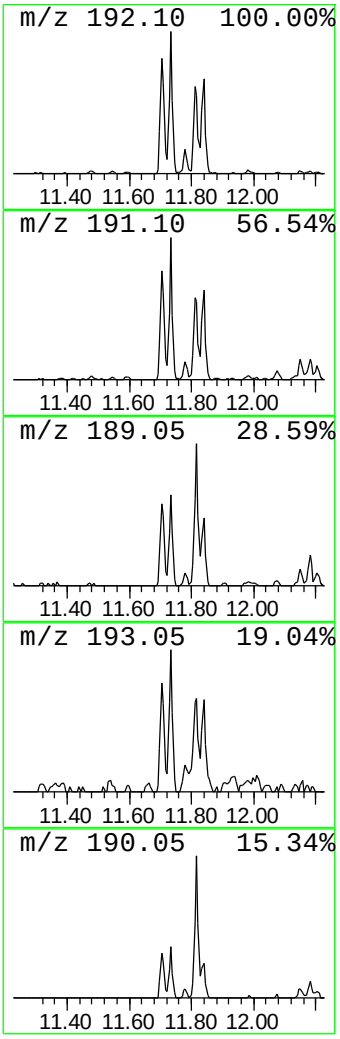
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.51 ng	191175	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

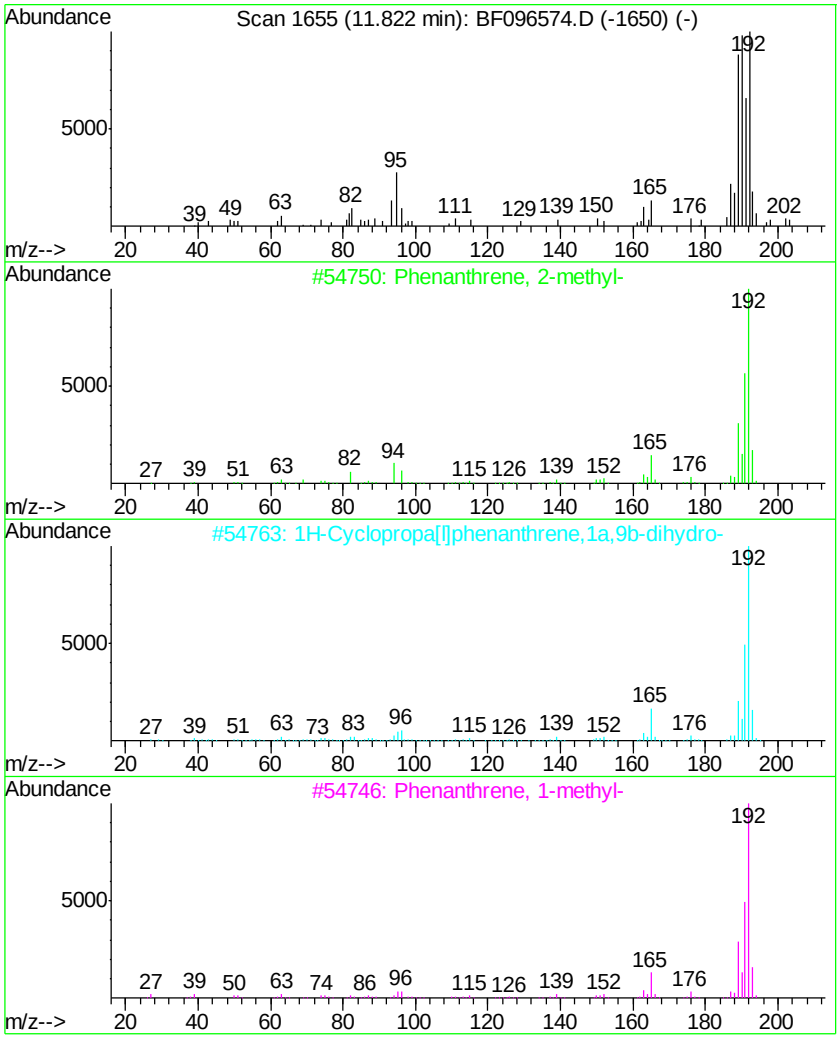
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

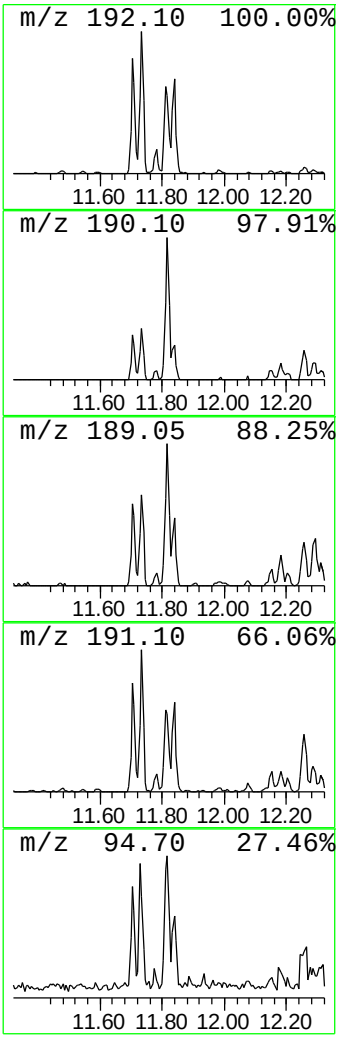
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.95 ng	167431	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53





Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

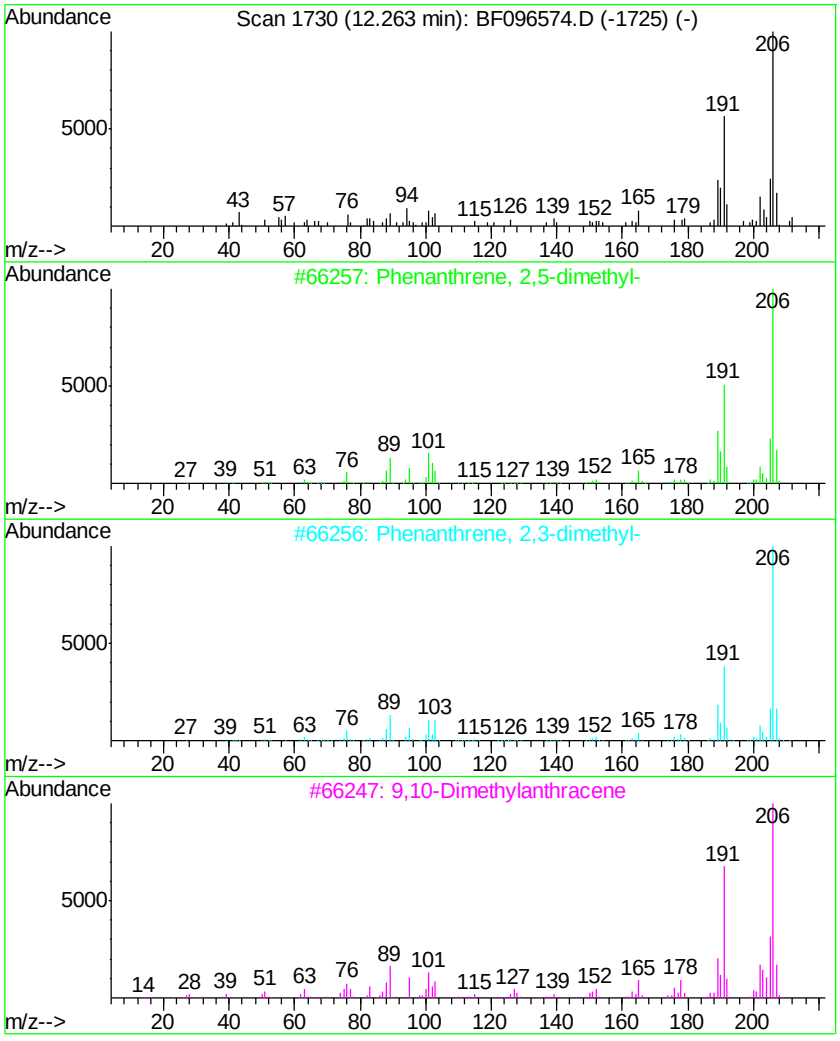
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

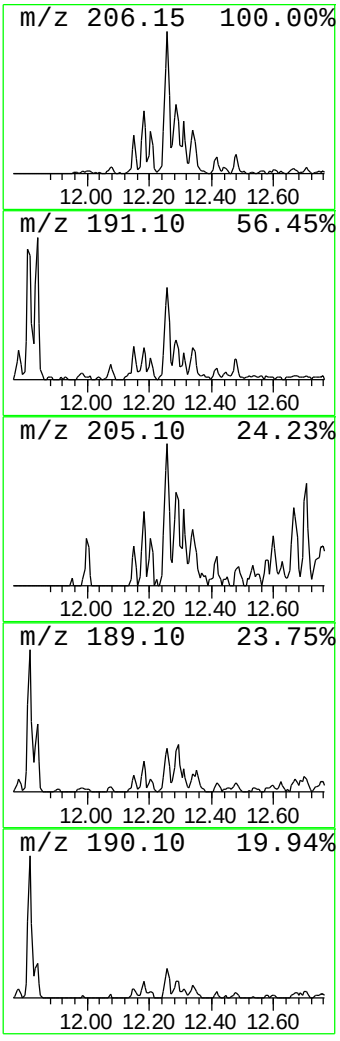
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.09 ng	130811	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	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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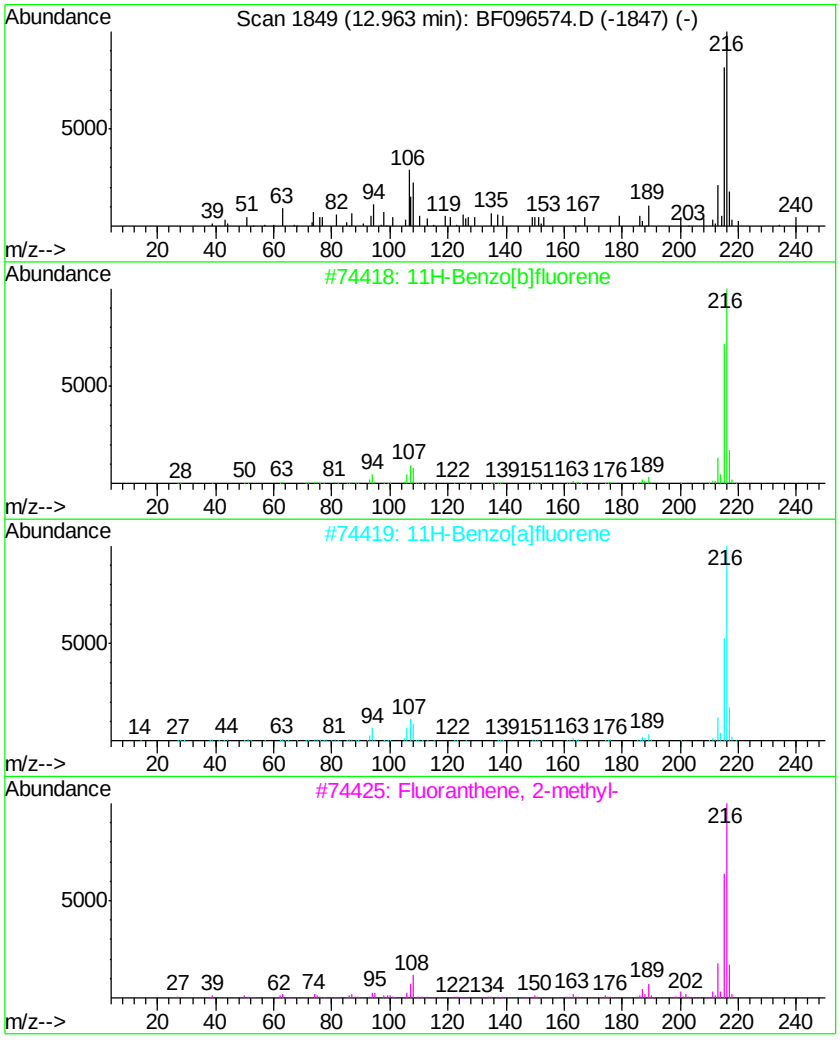
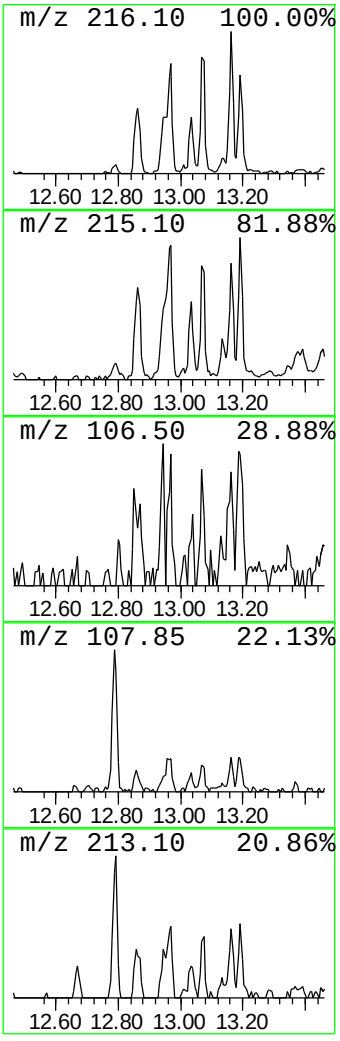
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.05 ng	81373	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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

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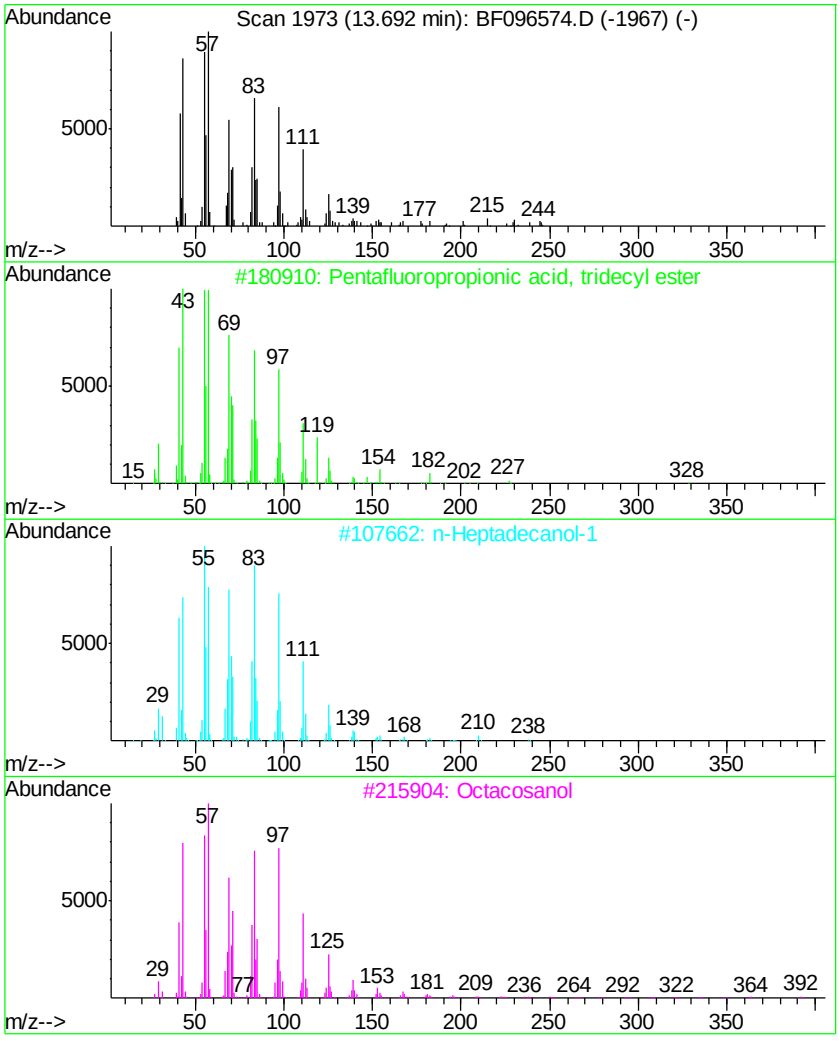
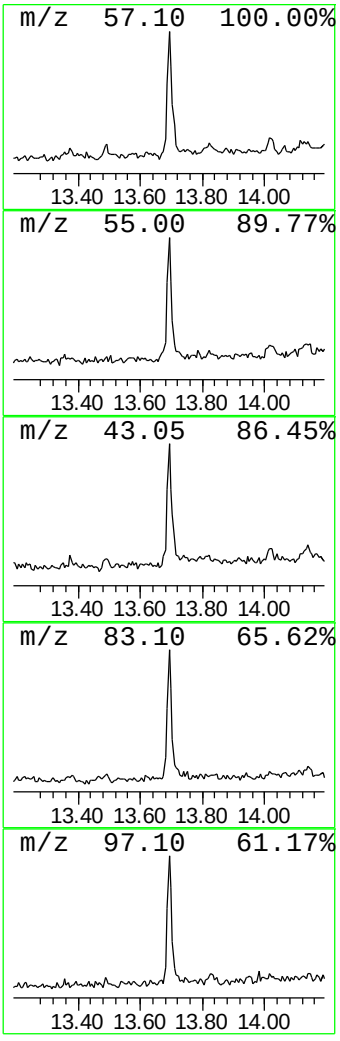
Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.78 ng	229153	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	74
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	72
3	Octacosanol	410	C28H58O	000557-61-9	72
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	72
5	1-Heneicosanol	312	C21H44O	015594-90-8	68





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ClientSampleId : AU-05-070517-A

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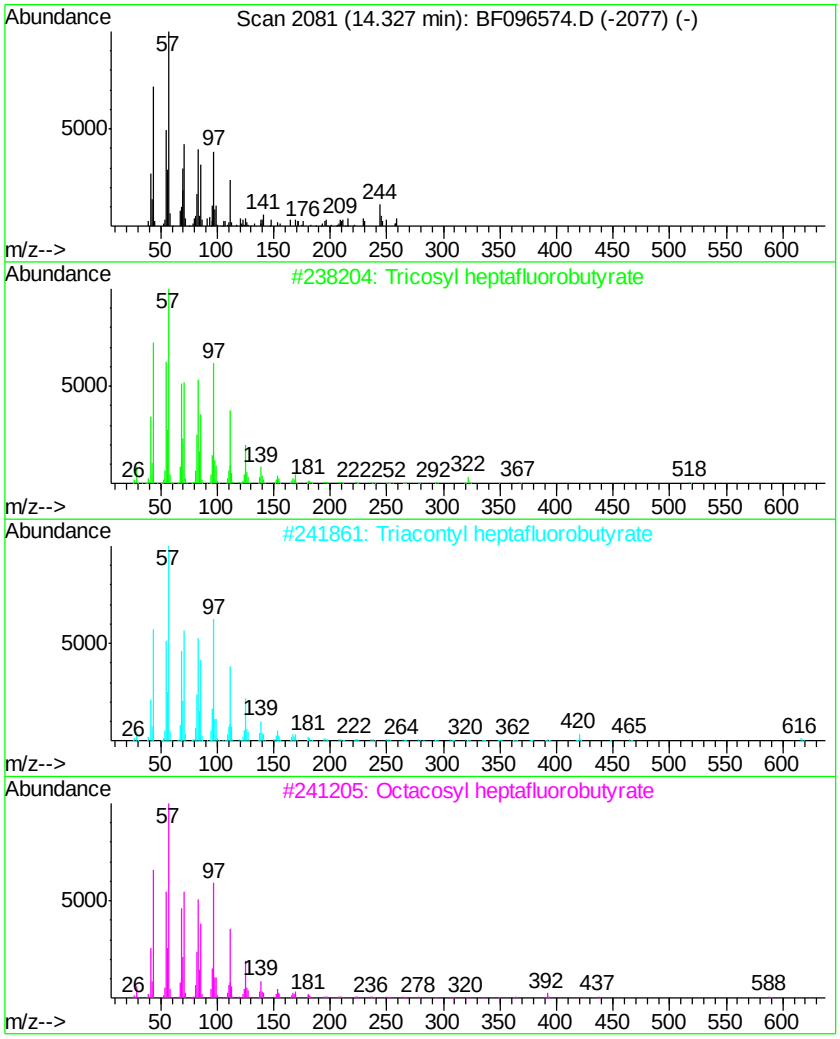
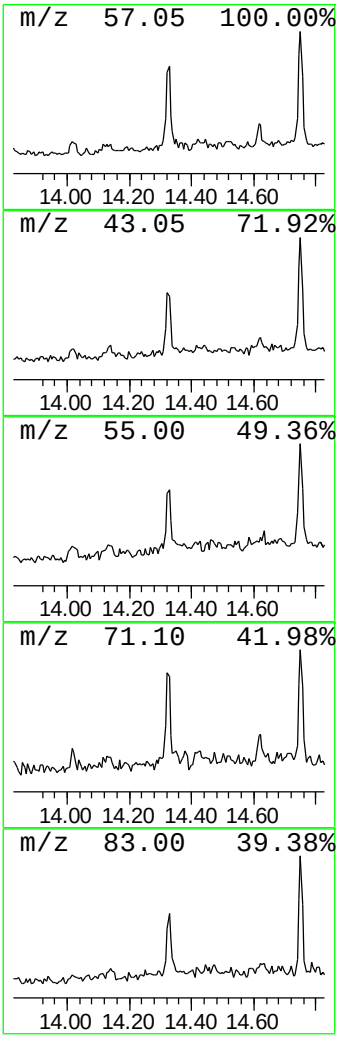
Peak Number 12 Tricosyl heptafluorobutyrate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.65 ng	104891	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	87
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	86
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	86
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86





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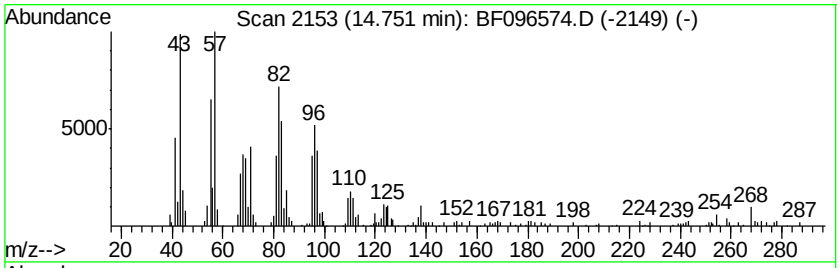
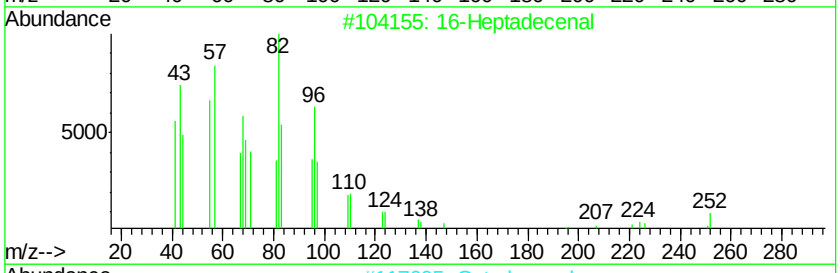
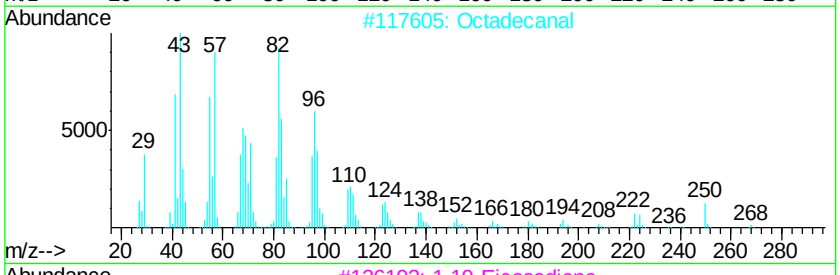
Peak Number 13 16-Heptadecenal Concentration Rank 6

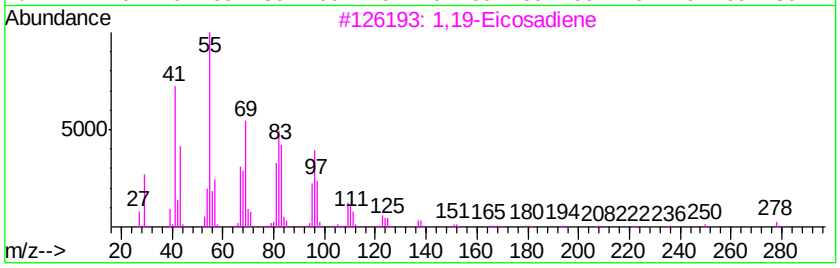
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.32 ng	184314	Perylene-d12	15.23

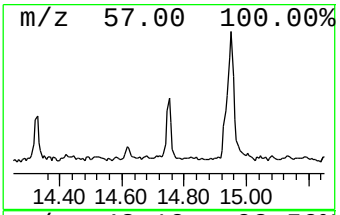
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	90
2	Octadecanal	268	C18H36O	000638-66-4	87
3	1,19-Eicosadiene	278	C20H38	014811-95-1	86
4	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	78
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62

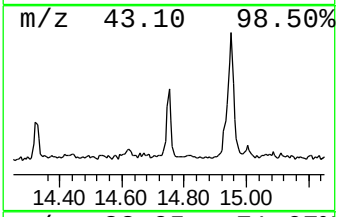


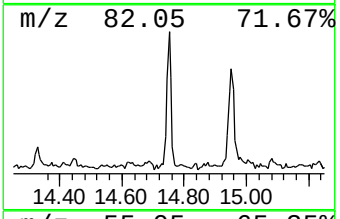


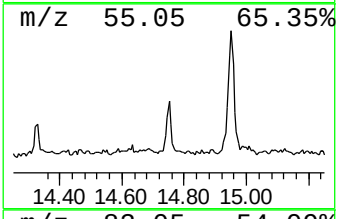


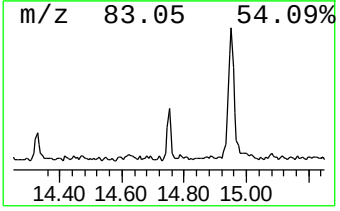












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Sample : I4070-01
Misc :
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Instrument : BNA_F
ClientSampleId : AU-05-070517-A

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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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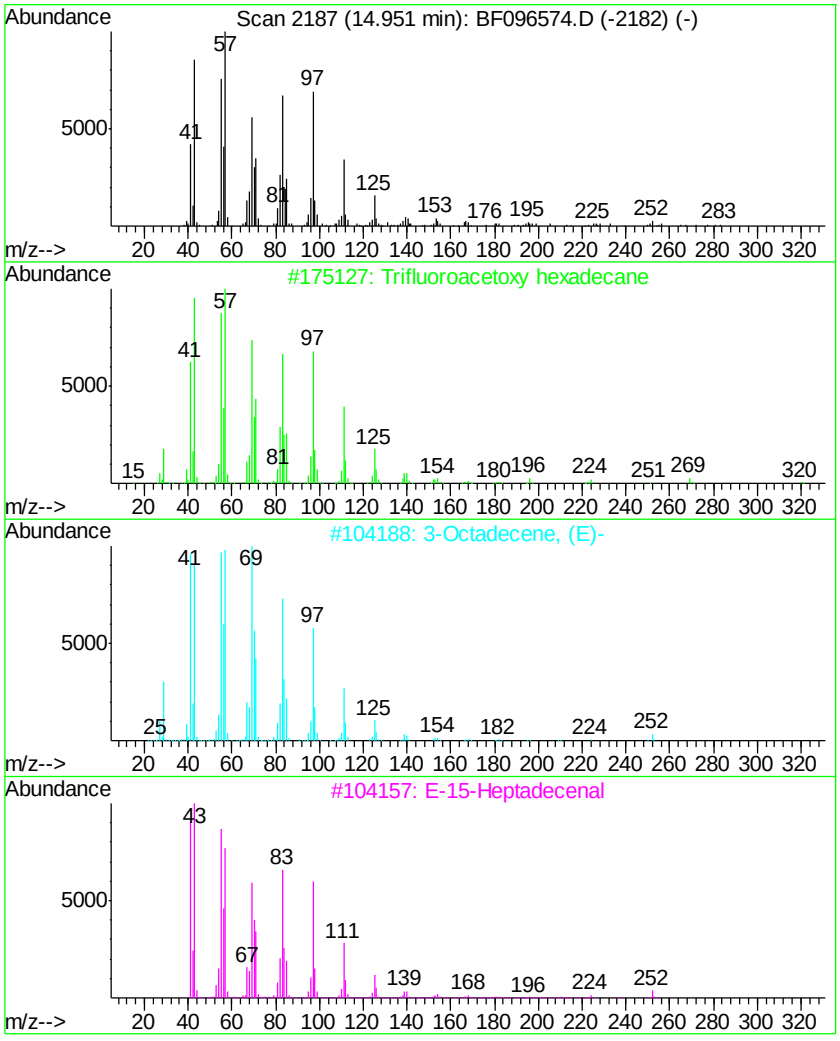
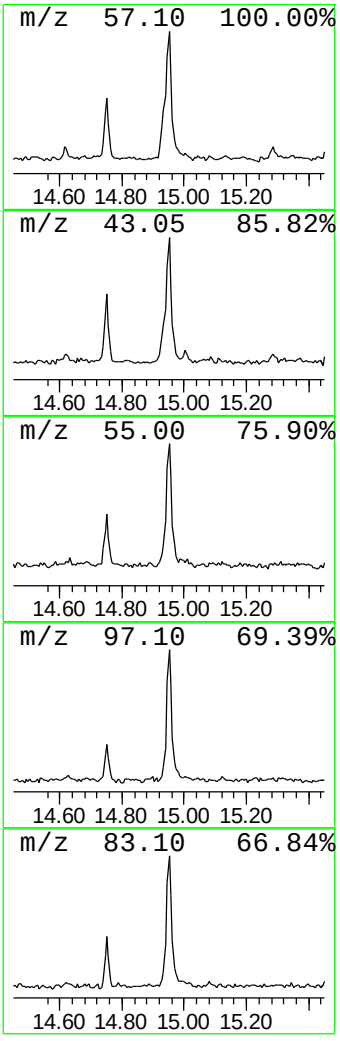
Peak Number 14 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	12.56 ng	434955	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





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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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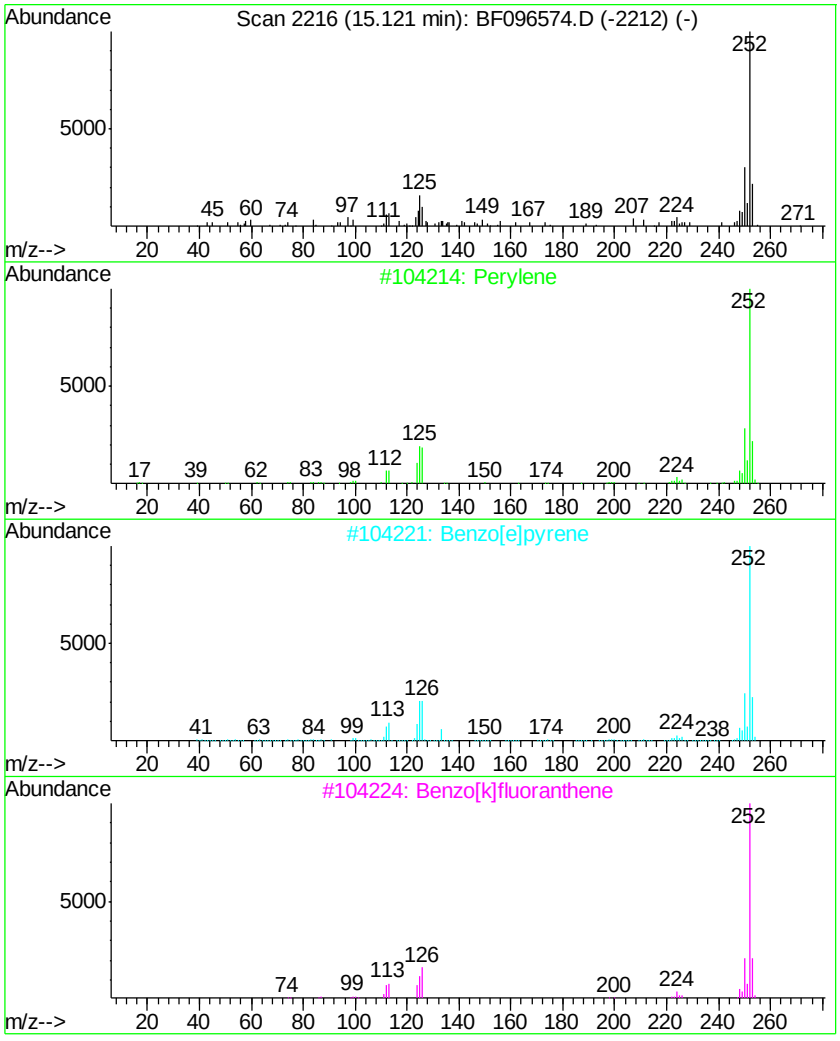
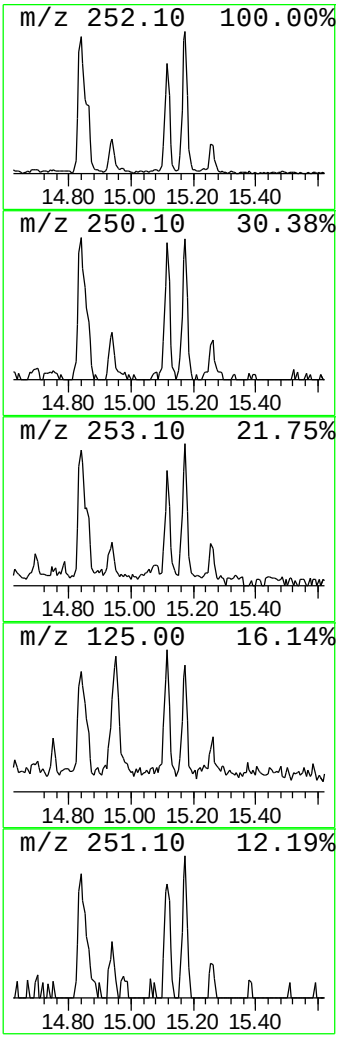
Peak Number 15 Perylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.64 ng	91457	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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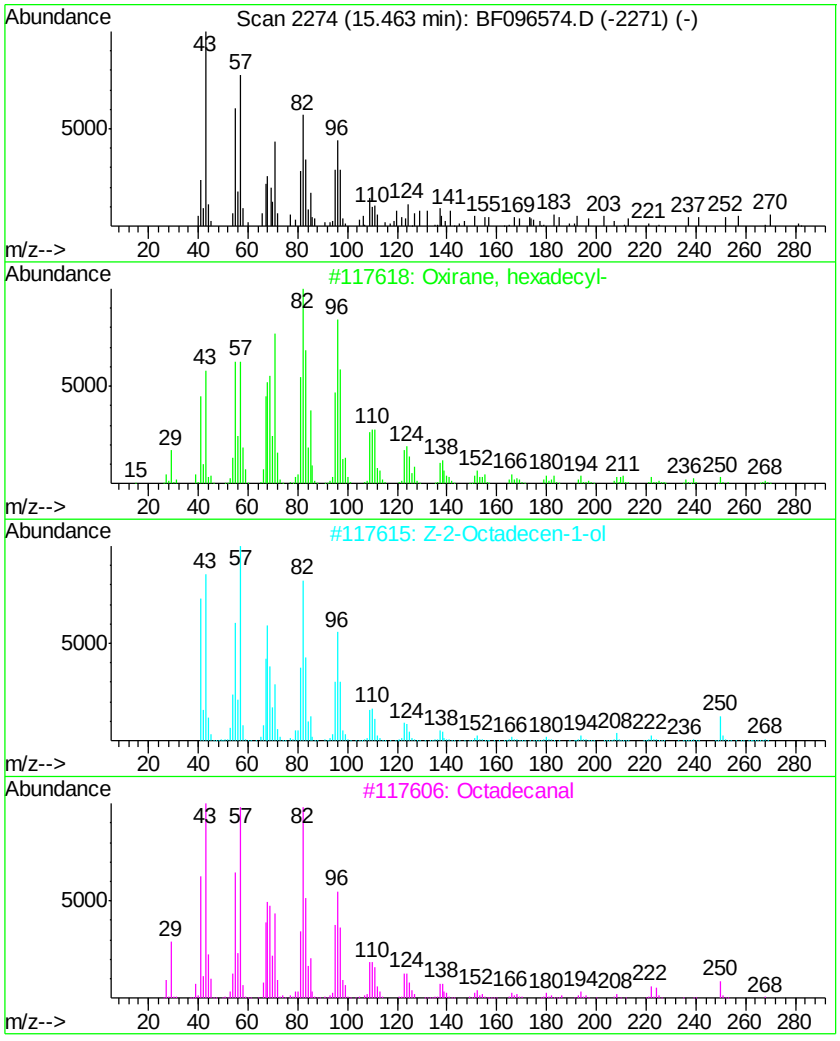
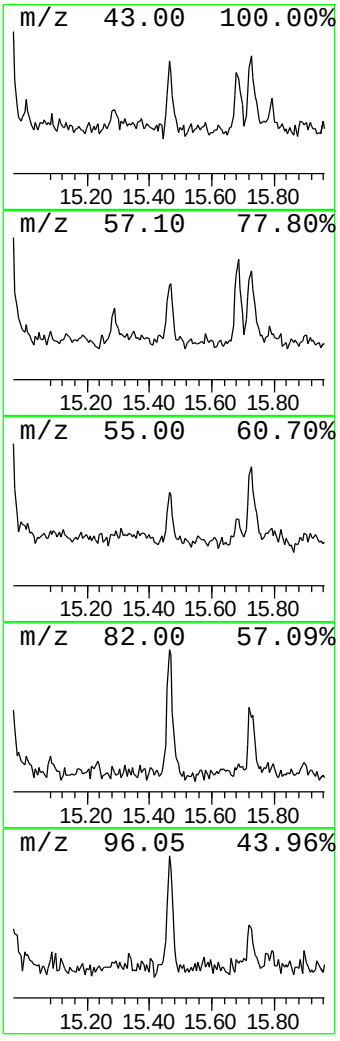
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.79 ng	96821	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	86
3	Octadecanal	268	C18H36O	000638-66-4	78
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
5	1,19-Eicosadiene	278	C20H38	014811-95-1	58





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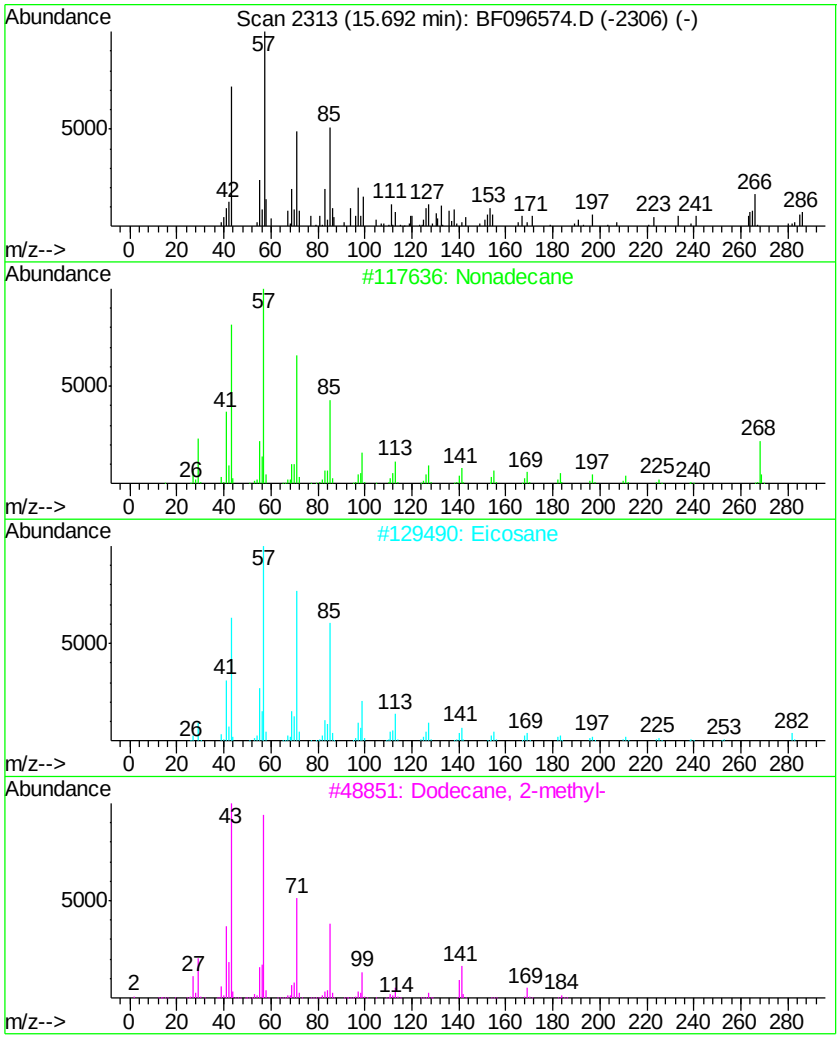
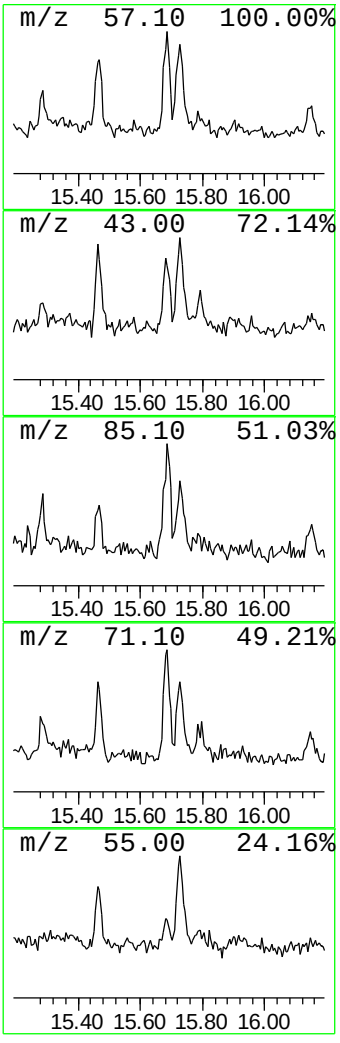
Peak Number 17 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.91 ng	100672	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	60
2	Eicosane	282	C20H42	000112-95-8	60
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	49
4	Heptacosane	380	C27H56	000593-49-7	49
5	Docosane	310	C22H46	000629-97-0	49





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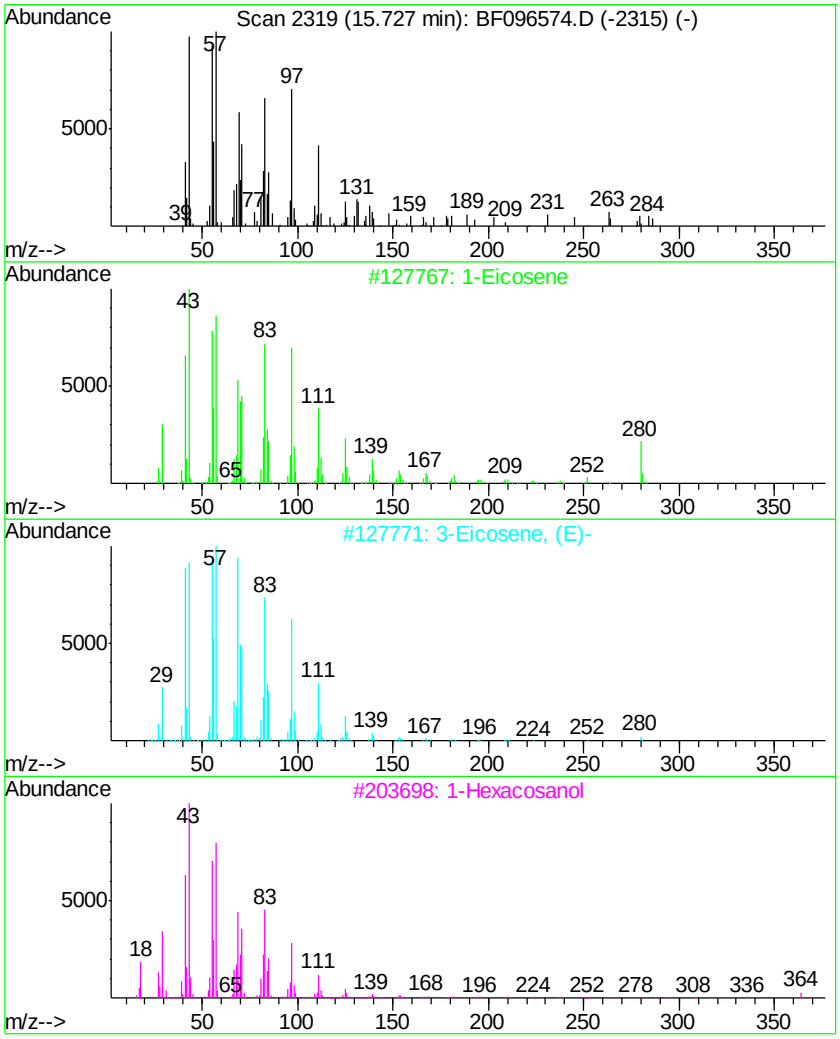
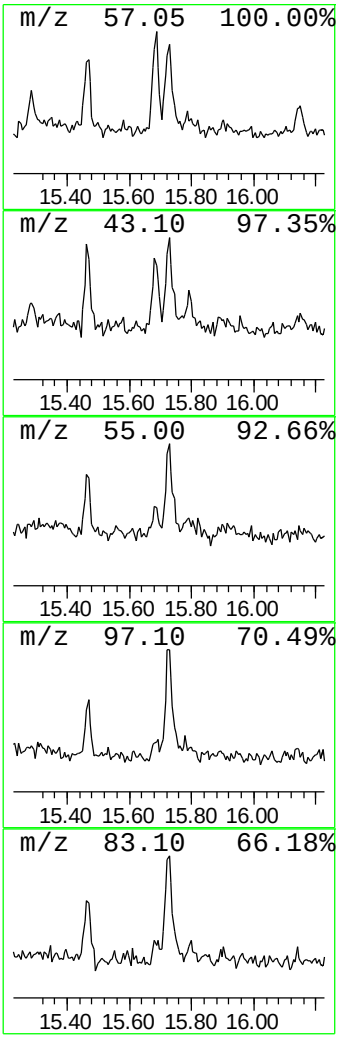
Peak Number 18 1-Eicosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.21 ng	145925	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	87
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	72
3	1-Hexacosanol	382	C26H54O	000506-52-5	70
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	68
5	Octacosanol	410	C28H58O	000557-61-9	68





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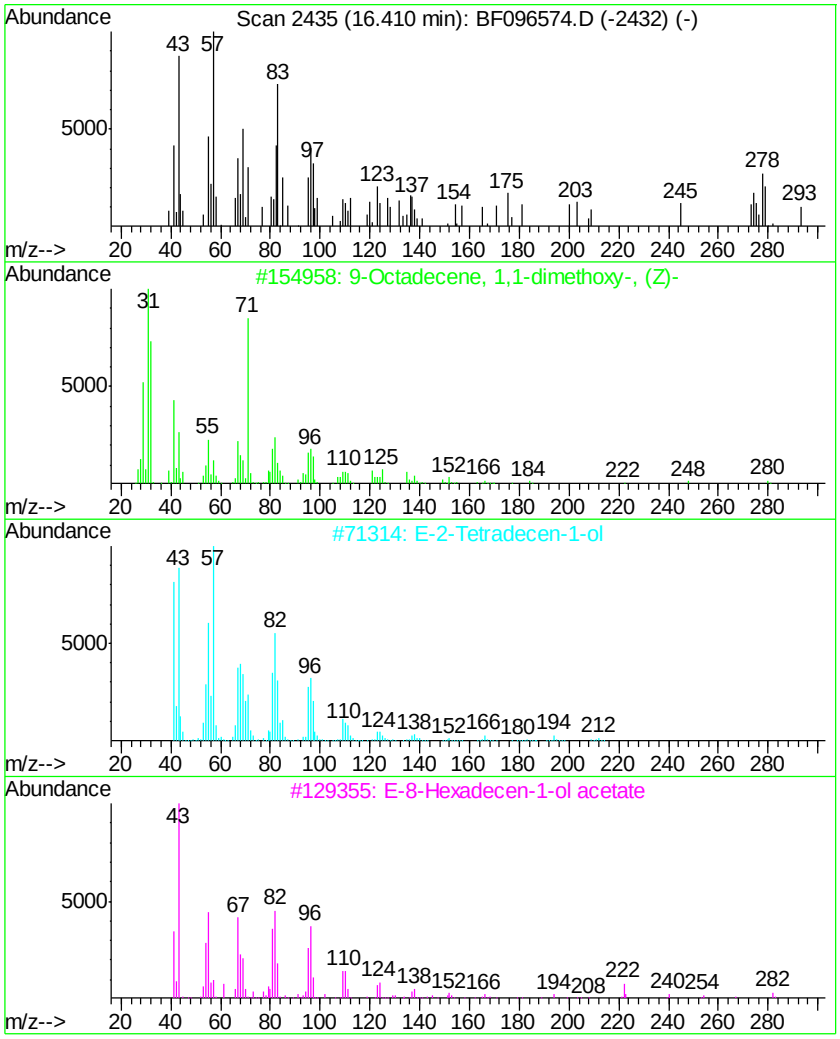
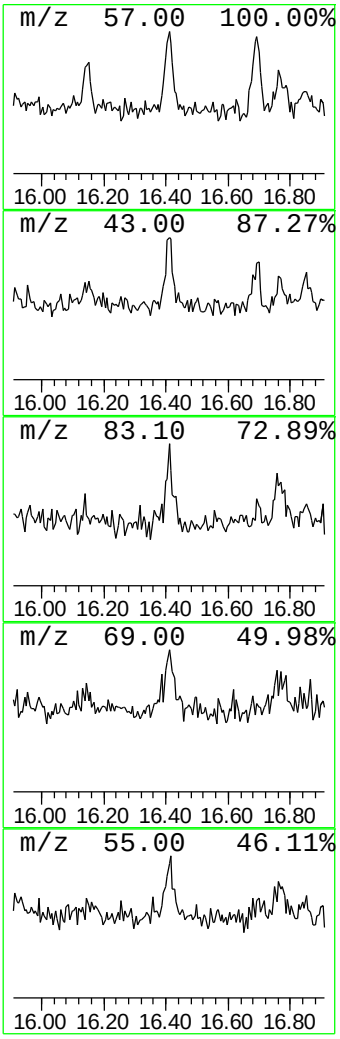
Peak Number 19 unknown16.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.53 ng	87705	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, 1,1-dimethoxy-, (Z)-	312	C20H40O2	015677-71-1	22
2	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	14
3	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	14
4	Tridecanal	198	C13H26O	010486-19-8	14
5	1-Dodecen-1-ol, acetate	226	C14H26O2	056438-08-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
2-Pentanone, 4-hy...	4.89	12.9	ng	473305	1	6.69	732822	20.0
unknown6.47	6.47	74.0	ng	2710710	1	6.69	732822	20.0
Sulfurous acid, b...	10.65	3.2	ng	137331	4	11.20	847853	20.0
Phenanthrene, 2-m...	11.70	3.2	ng	136582	4	11.20	847853	20.0
Anthracene, 2-met...	11.73	4.5	ng	191175	4	11.20	847853	20.0
1H-Cyclopropa[l]p...	11.82	4.0	ng	167431	4	11.20	847853	20.0
Phenanthrene, 2,5...	12.26	3.1	ng	130811	4	11.20	847853	20.0
11H-Benzo[b]fluorene	12.96	2.0	ng	81373	5	13.83	792325	20.0
Pentafluoropropio...	13.69	5.8	ng	229153	5	13.83	792325	20.0
Tricosyl heptaflu...	14.33	2.6	ng	104891	5	13.83	792325	20.0
16-Heptadecenal	14.75	5.3	ng	184314	6	15.23	692880	20.0
Trifluoroacetoxy ...	14.95	12.6	ng	434955	6	15.23	692880	20.0
Perylene	15.12	2.6	ng	91457	6	15.23	692880	20.0
Oxirane, hexadecyl-	15.46	2.8	ng	96821	6	15.23	692880	20.0
Nonadecane	15.69	2.9	ng	100672	6	15.23	692880	20.0
1-Eicosene	15.73	4.2	ng	145925	6	15.23	692880	20.0
unknown16.41	16.41	2.5	ng	87705	6	15.23	692880	20.0