LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

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-BF012218.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	3.046	159	163	182	rBV	108527	264020	1.97%	0.418%
2	5.322	546	550	567	rVB	1626518	1756784	13.10%	2.779%
3	6.351	721	725	740	rBV	1714609	1815603	13.54%	2.872%
4	6.481	743	747	753	rBV	2160347	1823524	13.60%	2.885%
5	6.710	782	786	793	rBV	1040576	877542	6.54%	1.388%
6	6.863	808	812	819	rBV	1499220	1395903	10.41%	2.208%
7	7.275	879	882	885	rBV	1199343	1049562	7.83%	1.660%
8	7.975	998	1001	1002	rBV	348832	290073	2.16%	0.459%
9	7.992	1002	1004	1010	rVV	1340040	1186715	8.85%	1.877%
10	8.287	1049	1054	1060	rBV5	87309	149225	1.11%	0.236%
11	8.581	1101	1104	1108	rBV	583079	492499	3.67%	0.779%
12	8.816	1140	1144	1146	rBV2	138789	139644	1.04%	0.221%
13	8.945	1162	1166	1170	rVB3	124223	159257	1.19%	0.252%
14	9.010	1175	1177	1179	rVV2	195899	136711	1.02%	0.216%
15	9.069	1183	1187	1191	rBV	2199829	1727608	12.88%	2.733%
16	9.145	1195	1200	1203	rBV	775682	672043	5.01%	1.063%
17	9.339	1228	1233	1237	rVB5	173167	193617	1.44%	0.306%
18	9.404	1241	1244	1246	rVV2	205873	215412	1.61%	0.341%
19	9.463	1250	1254	1257	rVV	422649	495583	3.70%	0.784%
20	9.522	1262	1264	1267	rBV2	168044	150464	1.12%	0.238%
21	9.610	1276	1279	1283	rBV	176721	191161	1.43%	0.302%
22	9.675	1287	1290	1294	rVB	846691	650782	4.85%	1.030%
23	9.745	1294	1302	1306	rBV2	1333902	1336977	9.97%	2.115%
24	9.904	1325	1329	1332	rBV3	102807	165612	1.24%	0.262%
25	9.951	1335	1337	1341	rVB3	134258	176244	1.31%	0.279%
26	9.992	1341	1344	1348	rBV3	217625	253048	1.89%	0.400%
27	10.063	1353	1356	1359	rBV3	119548	165535	1.23%	0.262%
28	10.175	1372	1375	1378	rVB	896777	721043	5.38%	1.141%
29	10.292	1392	1395	1401	rVB3	95282	147022	1.10%	0.233%
30	10.392	1407	1412	1418	rVB	247795	369861	2.76%	0.585%
31	10.539	1434	1437	1440	rBV	838228	785345	5.86%	1.242%
32	10.645	1452	1455	1464	rVB	812535	923592	6.89%	1.461%
33	10.839	1484	1488	1491	rBV2	139954	185699	1.38%	0.294%
34	11.092	1528	1531	1534	rBV	619591	550875	4.11%	0.872%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.122	1534	1536	1543	rVB2	253437	295247	2.20%	0.467%
36	11.233	1551	1555	1557	rBV	1039284	934881	6.97%	1.479%
37	11.257	1557	1559	1562	rVV	675826	548682	4.09%	0.868%
38	11.522	1601	1604	1606	rBV	496074	397704	2.97%	0.629%
39	11.628	1618	1622	1625	rBV	5220995	5344867	39.86%	8.456%
40	11.733	1637	1640	1642	rBV	272333	223495	1.67%	0.354%
41	11.769	1642	1646	1651	rVB2	564744	645145	4.81%	1.021%
42	11.845	1656	1659	1661	rVV2	317652	330419	2.46%	0.523%
43	11.869	1661	1663	1666	rVB	184946	146119	1.09%	0.231%
44	11.927	1669	1673	1678	rVV2	508089	511198	3.81%	0.809%
45	12.027	1688	1690	1692	rBV2	164994	136053	1.01%	0.215%
46	12.063	1692	1696	1697	rBV4	130814	147718	1.10%	0.234%
47	12.175	1711	1715	1718	rVB3	123275	146448	1.09%	0.232%
48	12.210	1718	1721	1723	rBV	188520	143698	1.07%	0.227%
49	12.280	1730	1733	1735	rBV	259318	272618	2.03%	0.431%
50	12.327	1735	1741	1743	rVV	6910772	13409369	100.00%	21.214%
51	12.351	1743	1745	1750	rVV2	7169533	7580086	56.53%	11.992%
52	12.422	1753	1757	1759	rBV	2957995	2679690	19.98%	4.239%
53	12.451	1759	1762	1764	rBV	455976	424118	3.16%	0.671%
54	12.551	1776	1779	1782	rBV2	252107	217808	1.62%	0.345%
55	12.680	1796	1801	1808	rBV2	738145	1028540	7.67%	1.627%
56	12.822	1821	1825	1827	rBV	1141996	1027376	7.66%	1.625%
57	12.898	1835	1838	1845	rVB2	89750	154638	1.15%	0.245%
58	13.004	1850	1856	1860	rBV	182587	361451	2.70%	0.572%
59	13.110	1871	1874	1877	rBV	196771	184118	1.37%	0.291%
60	13.139	1877	1879	1882	rVB	258777	193802	1.45%	0.307%
61	13.386	1918	1921	1924	rBV2	194660	172876	1.29%	0.274%
62	13.574	1949	1953	1956	rVB2	187861	215740	1.61%	0.341%
63	13.716	1974	1977	1981	rBV3	185829	216176	1.61%	0.342%
64	13.810	1990	1993	1996	rVB	250469	223873	1.67%	0.354%
65	13.874	1999	2004	2007	rVV2	942503	1169791	8.72%	1.851%
66	13.898	2007	2008	2015	rVB	301006	245183	1.83%	0.388%
67	14.027	2027	2030	2035	rBV2	229276	261138	1.95%	0.413%
68	14.633	2131	2133	2137	rVB2	193687	175996	1.31%	0.278%
69	15.180	2224	2226	2230	rVB	142073	157930	1.18%	0.250%
70	15.245	2234	2237	2242	rVB	235604	281731	2.10%	0.446%
71	15.304	2243	2247	2252	rBV2	743161	988401	7.37%	1.564%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-012518

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 63208708

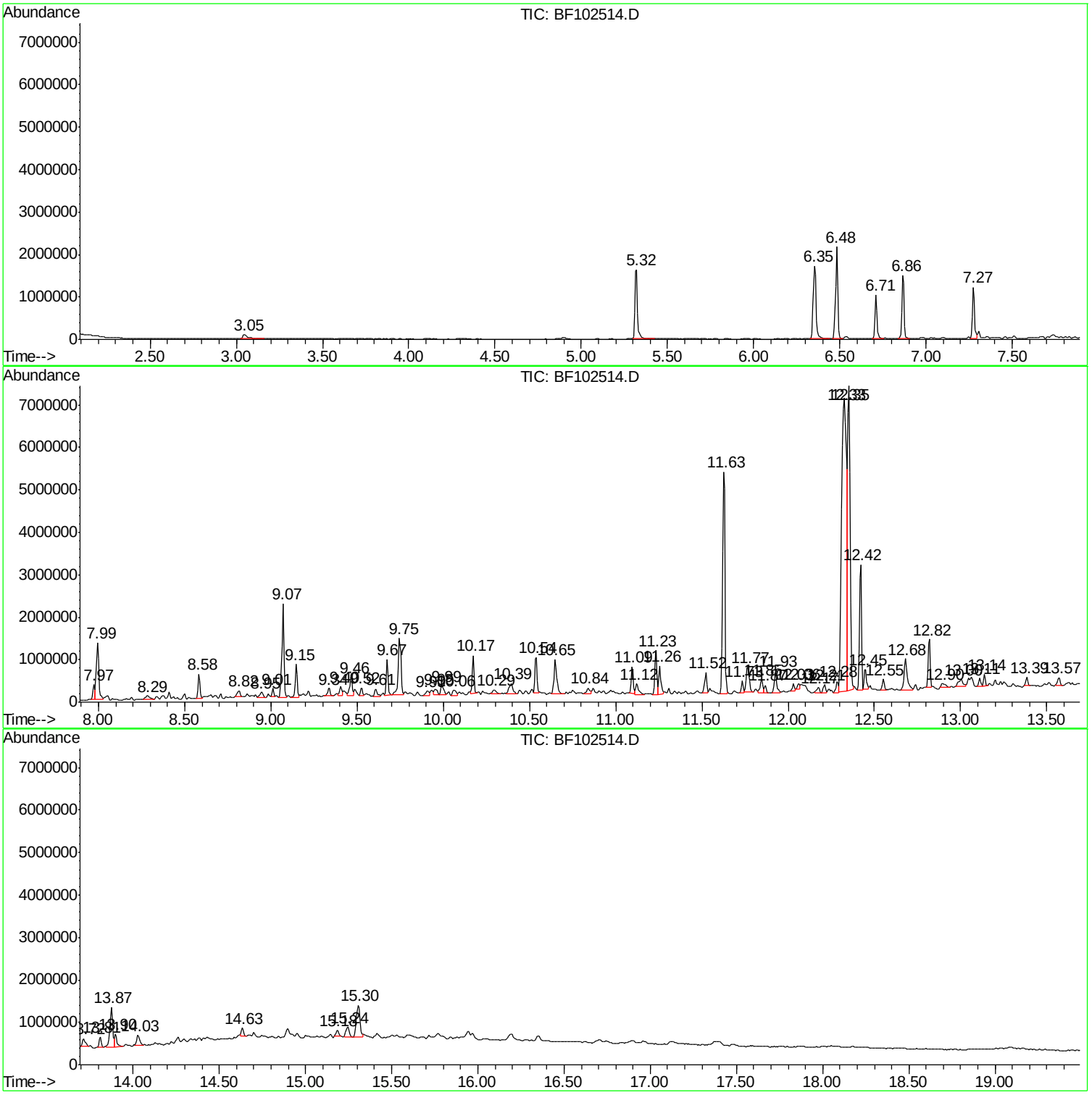
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

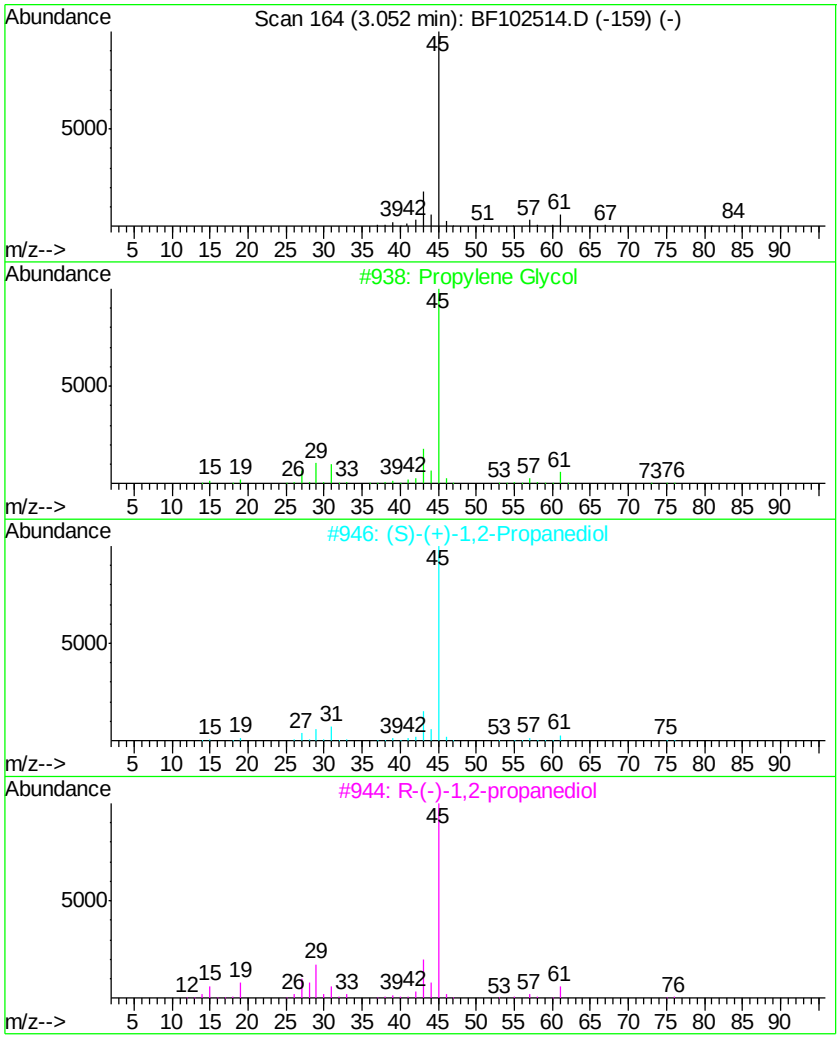
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

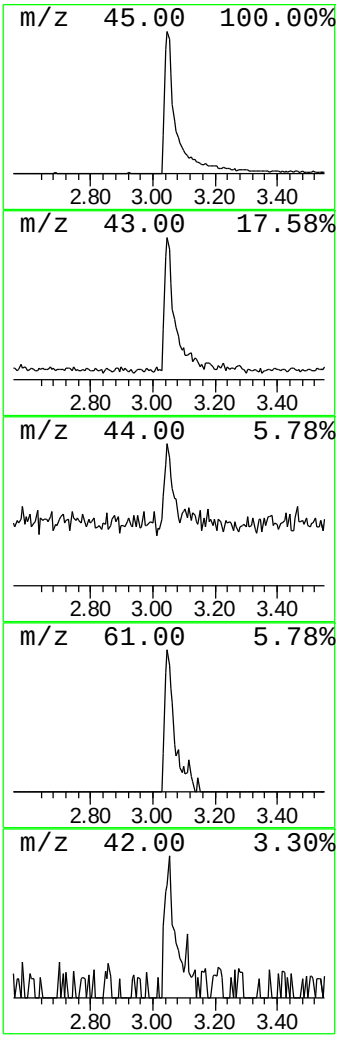
****

Peak Number 1 Propylene Glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	6.02 ng	264020	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	74
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4	2-Butanol, (R)-	74	C4H10O	014898-79-4	9
5	Formamide	45	CH3NO	000075-12-7	7





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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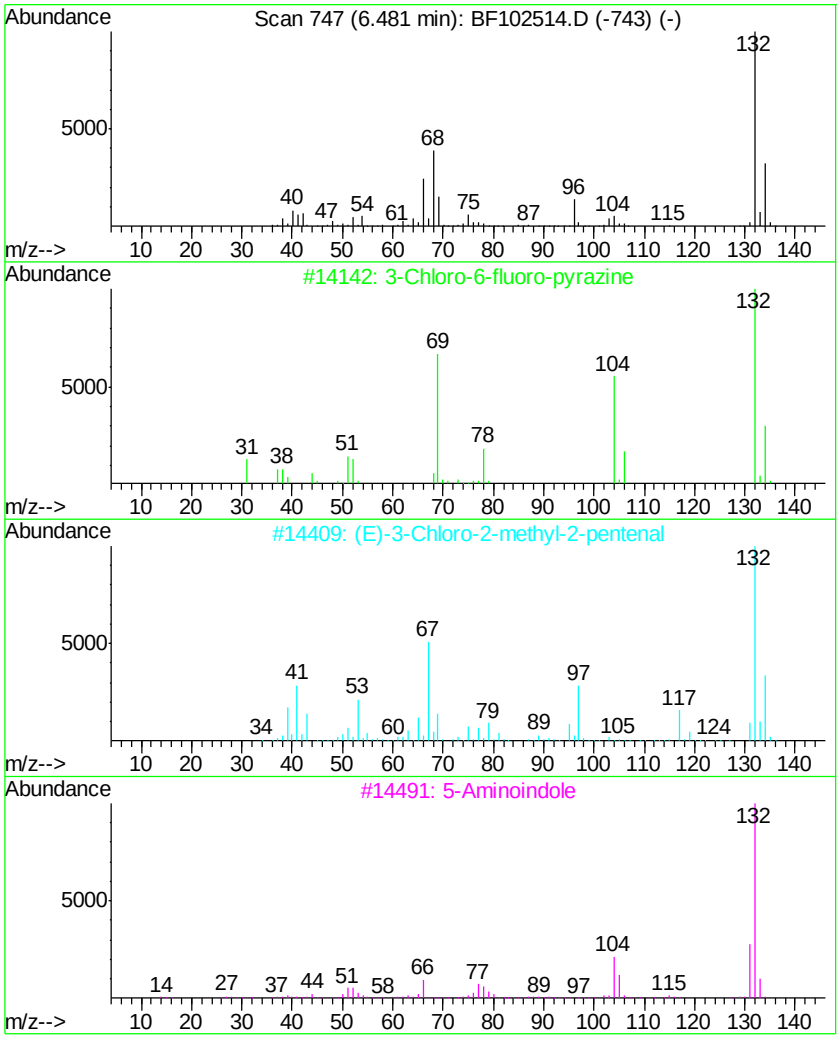
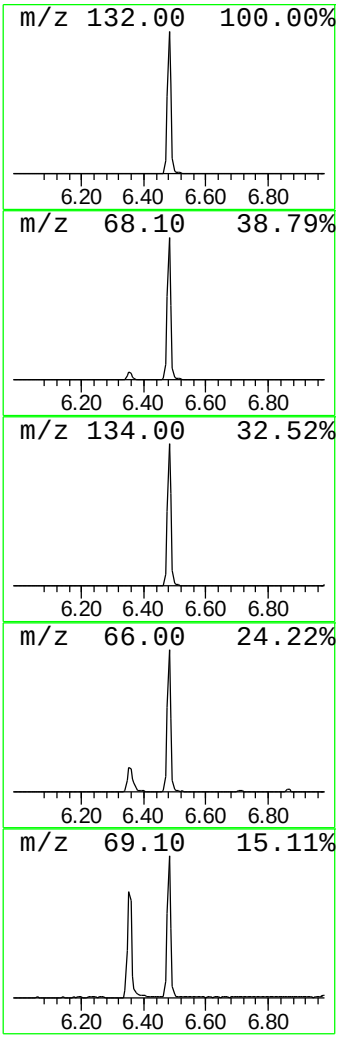
Peak Number 2 unknown6.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	41.56 ng	1823520	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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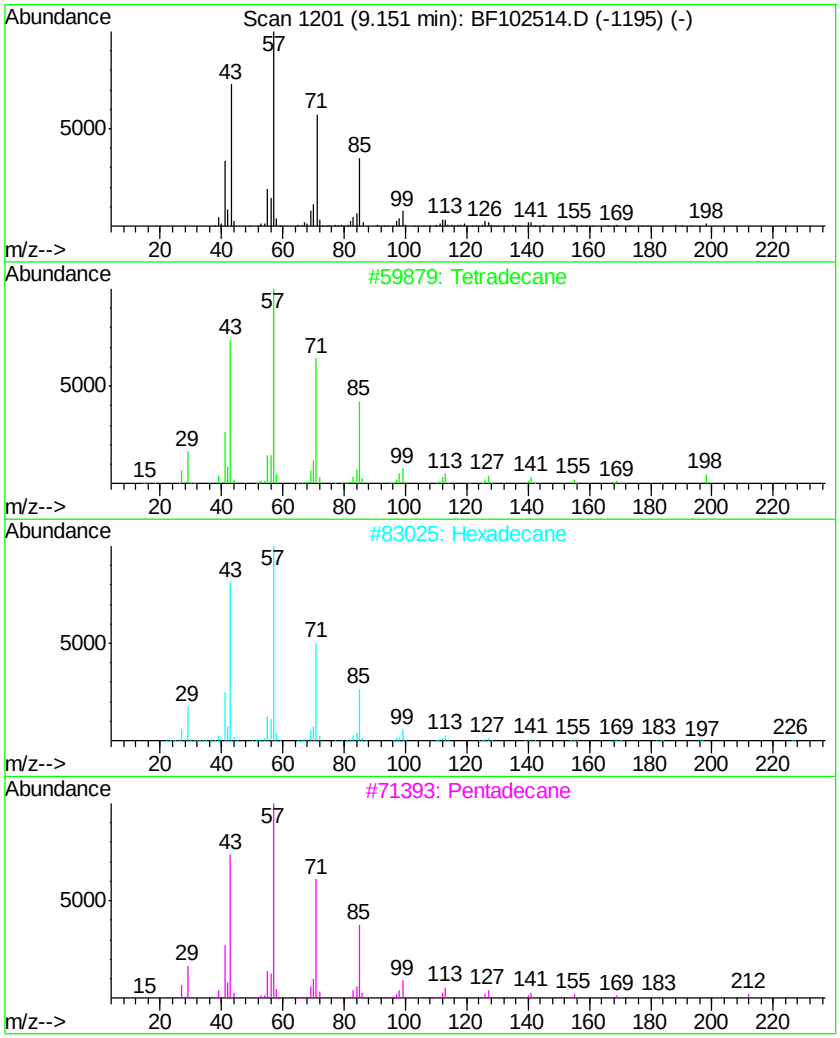
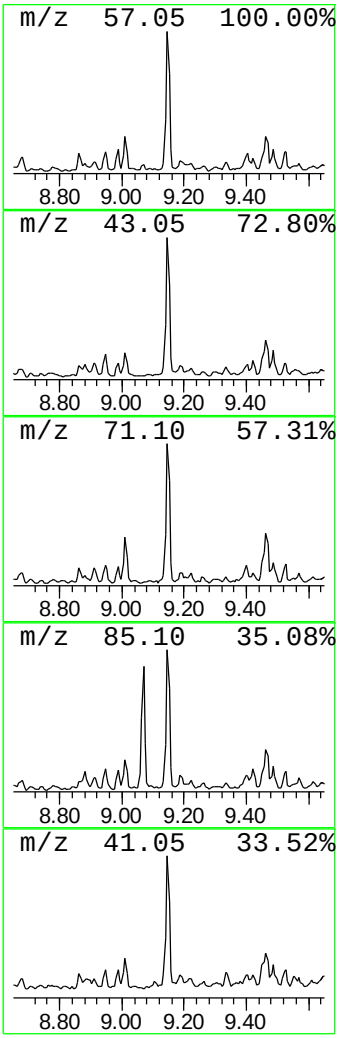
Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	10.05 ng	672043	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Undecane	156	C11H24	001120-21-4	86
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

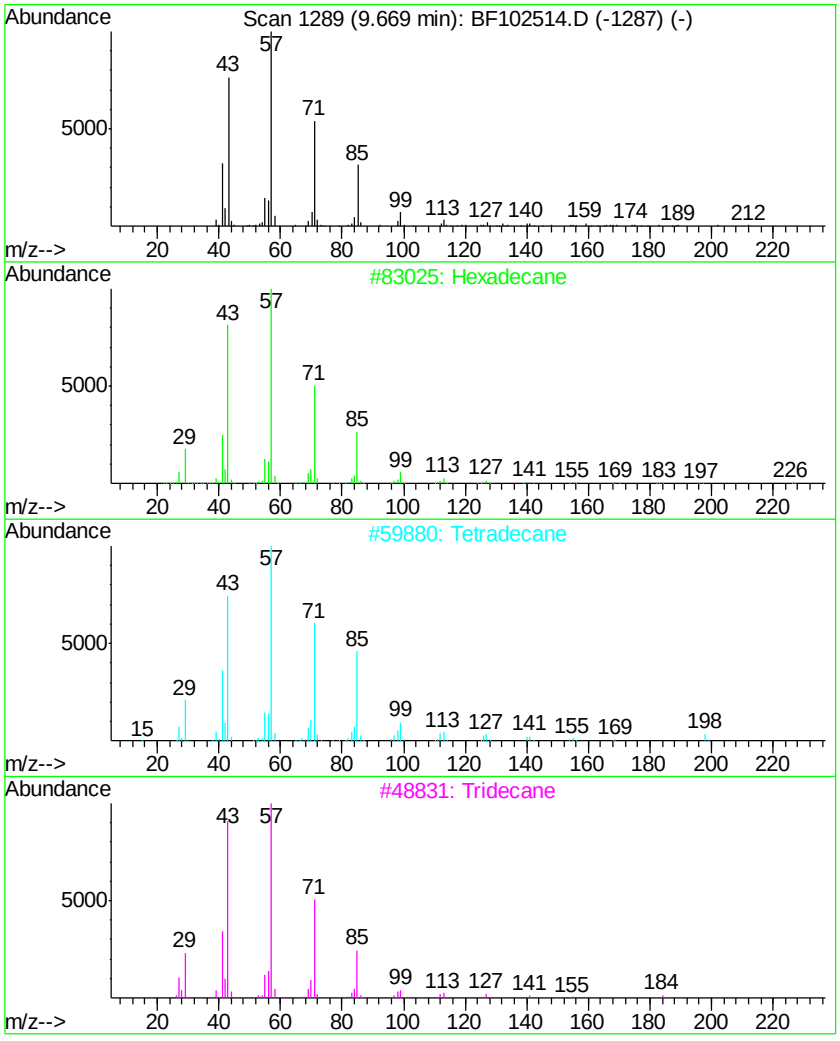
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

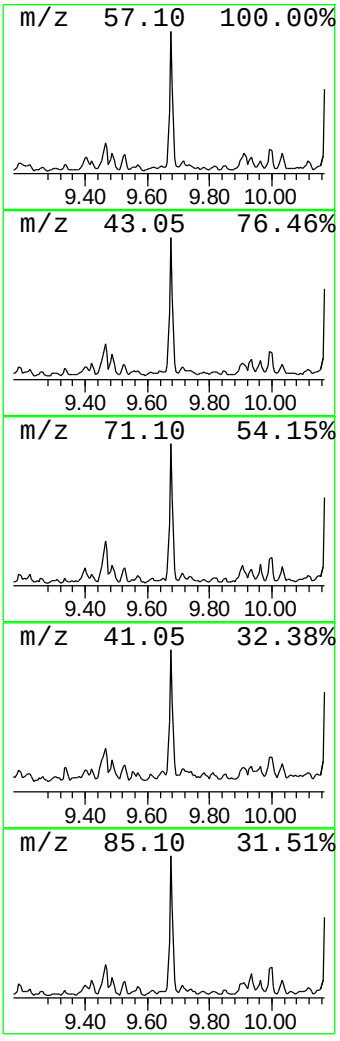
****

Peak Number 6 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	9.74 ng	650782	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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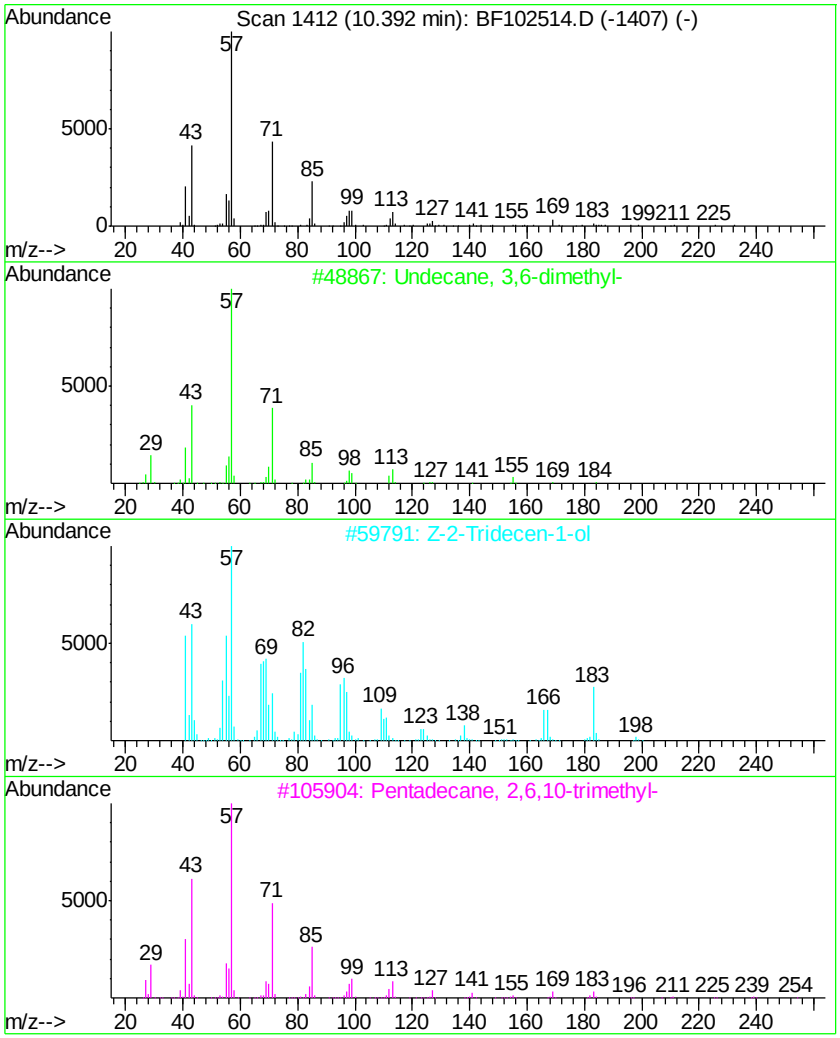
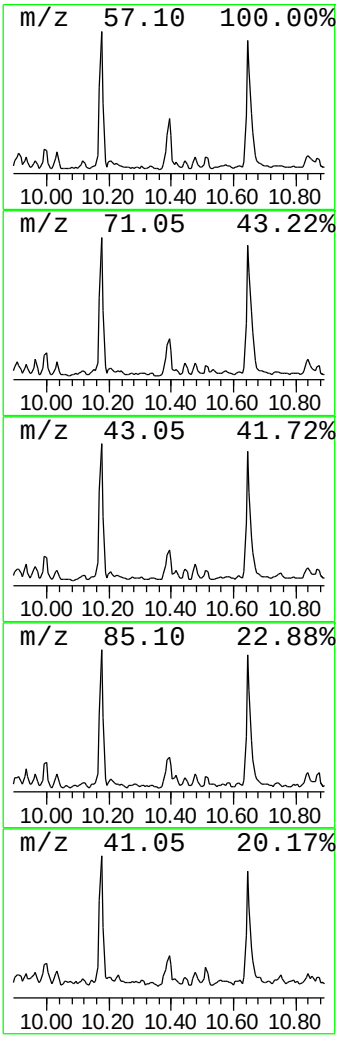
Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	5.53 ng	369861	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	80
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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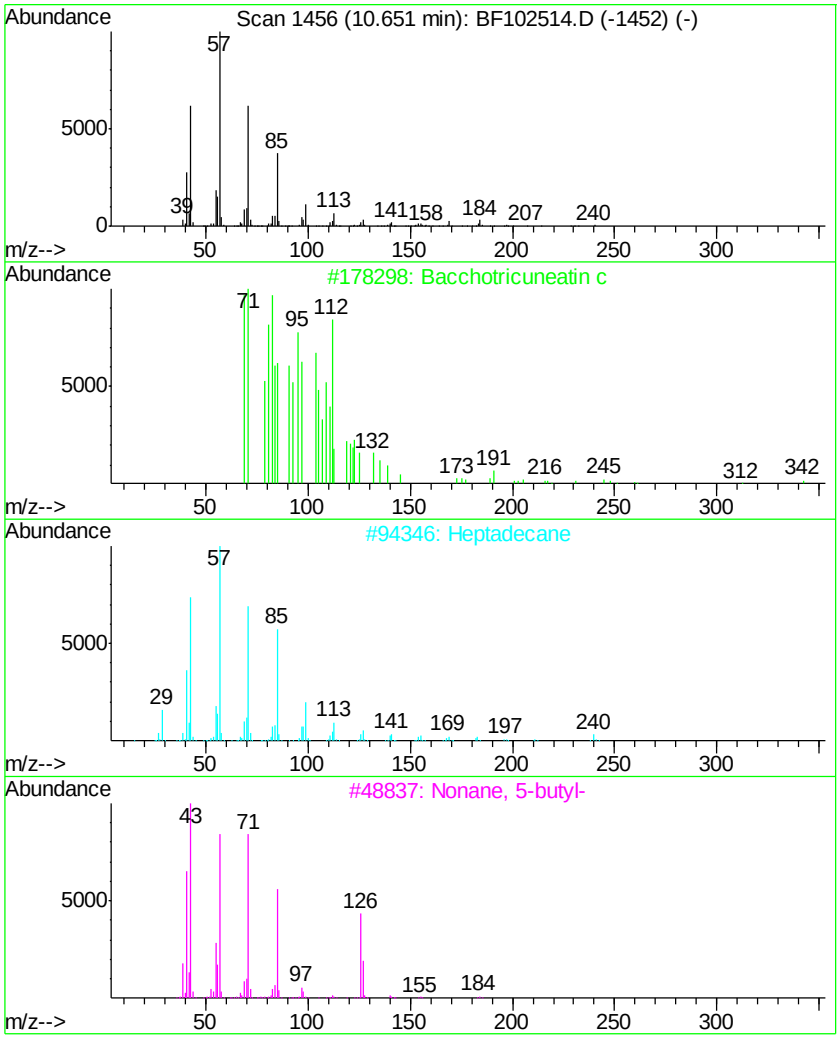
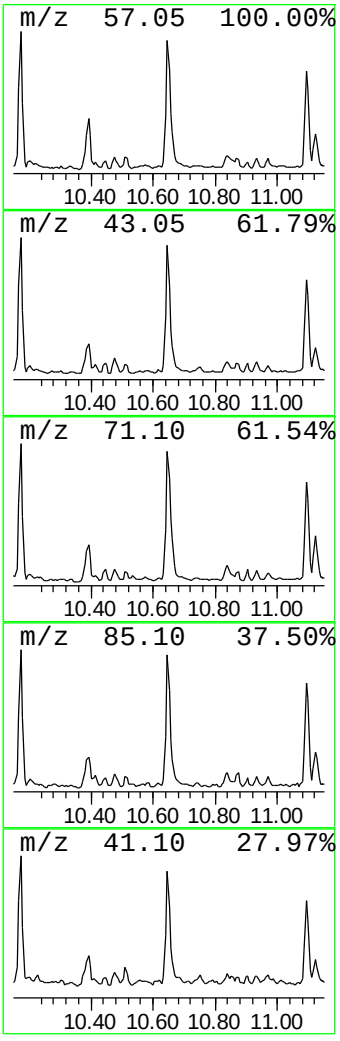
Peak Number 9 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	19.76 ng	923592	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Heptadecane	240	C17H36	000629-78-7	97
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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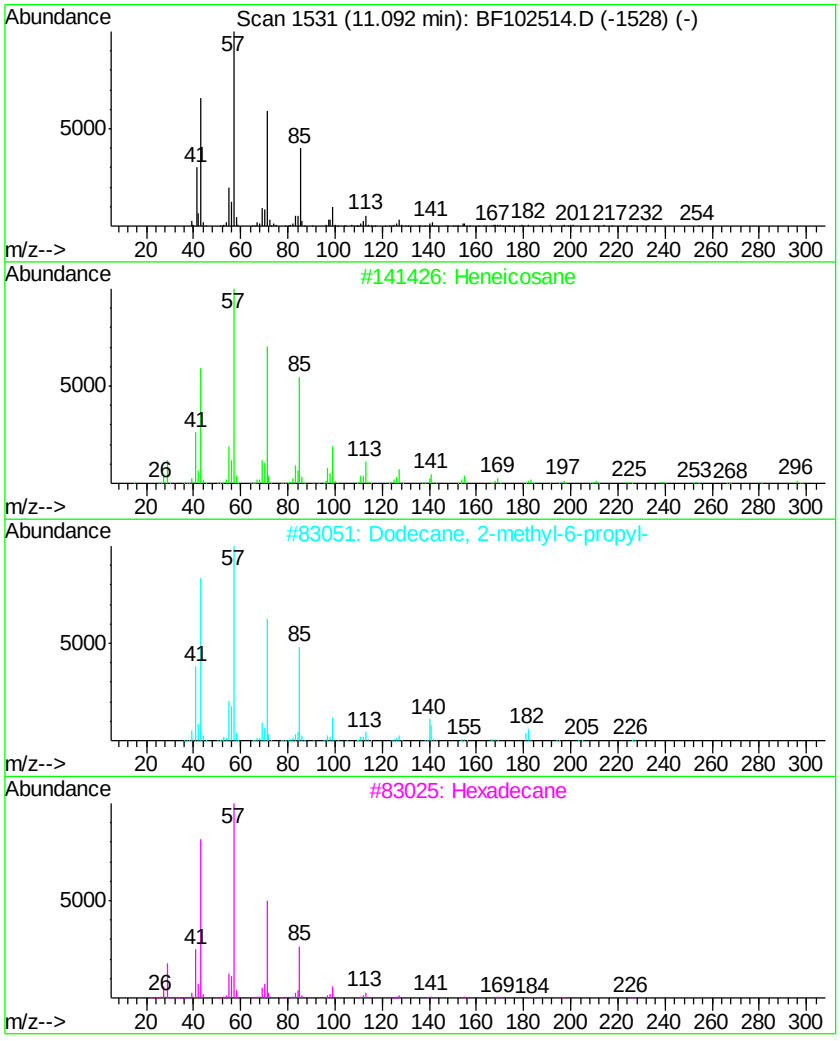
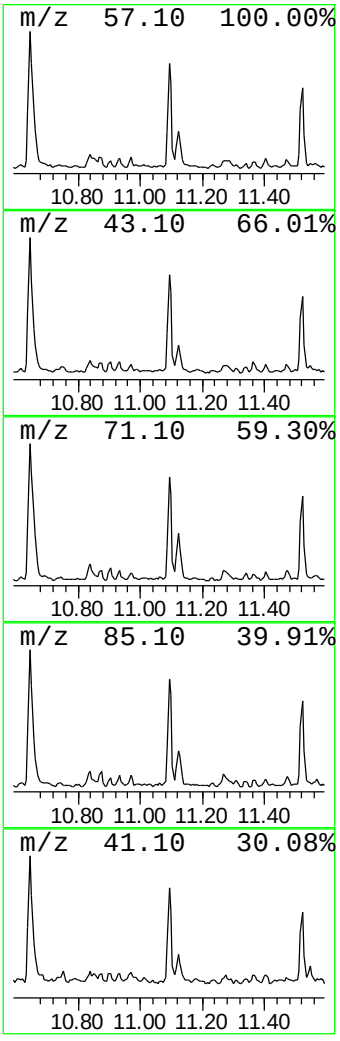
Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	11.78 ng	550875	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

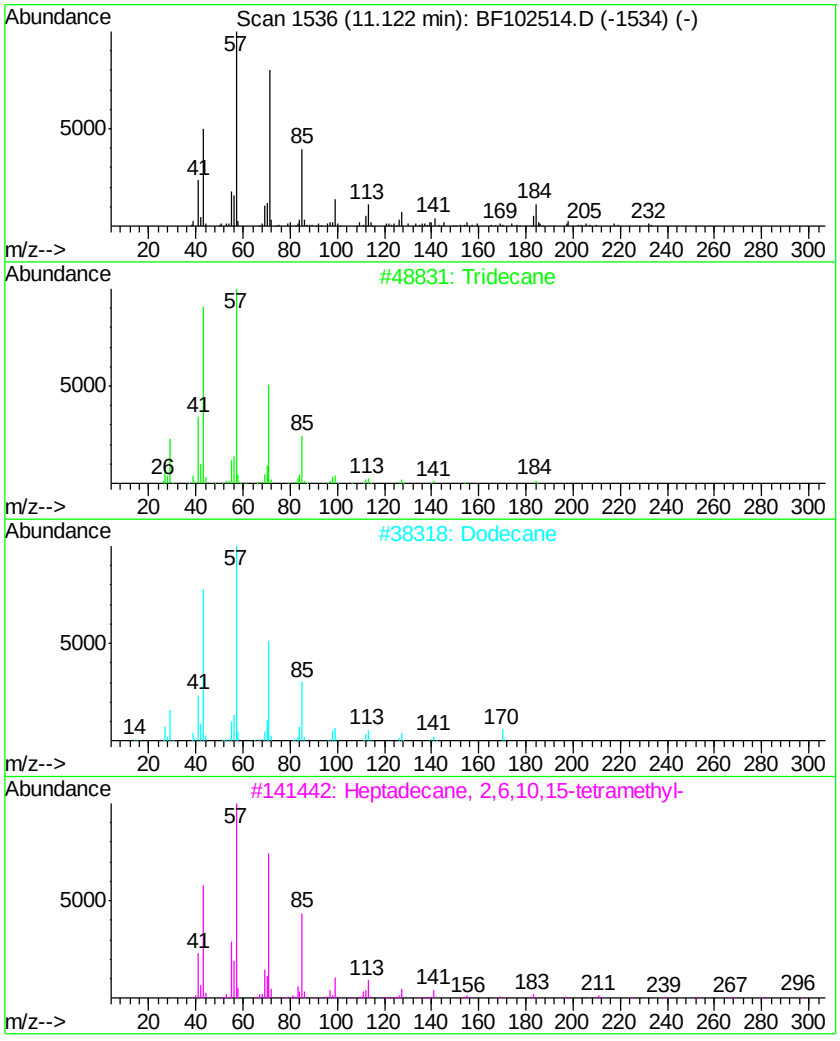
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

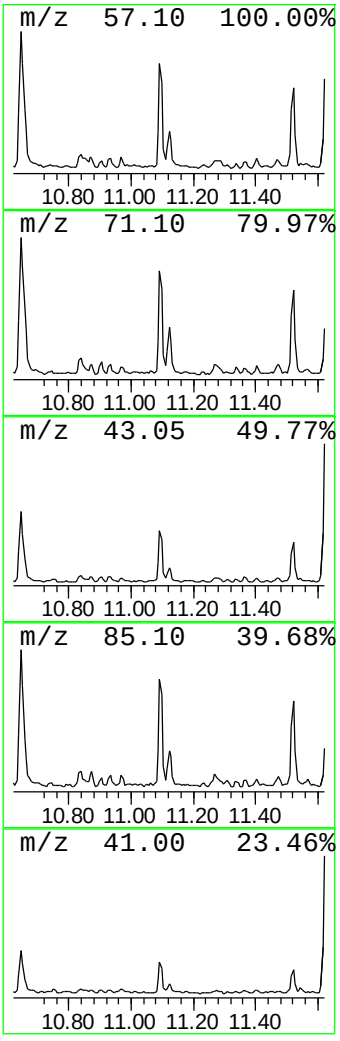
****

Peak Number 11 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	6.32 ng	295247	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane	170	C12H26	000112-40-3	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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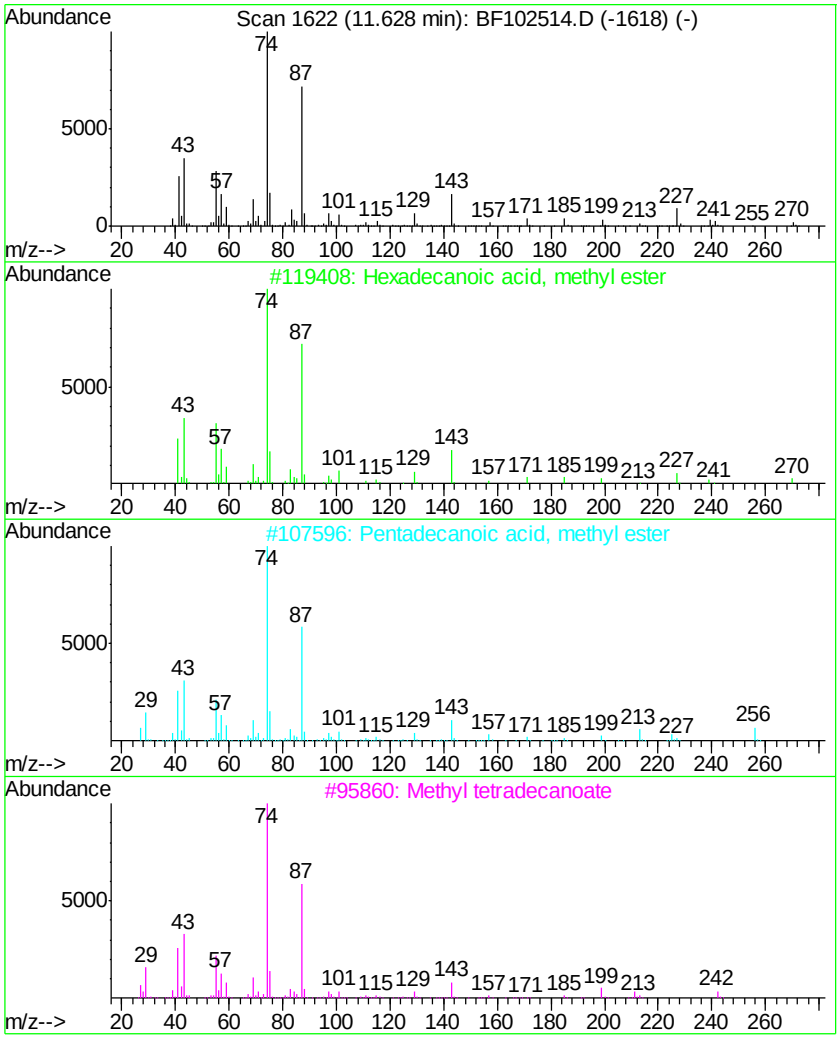
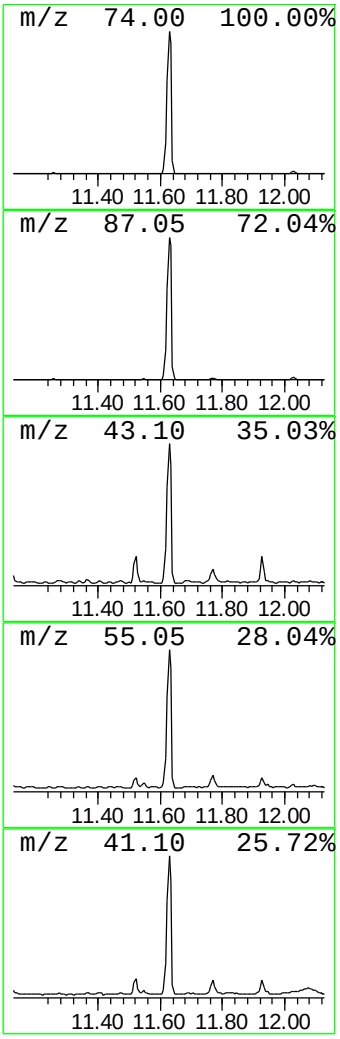
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	114.34 ng	5344870	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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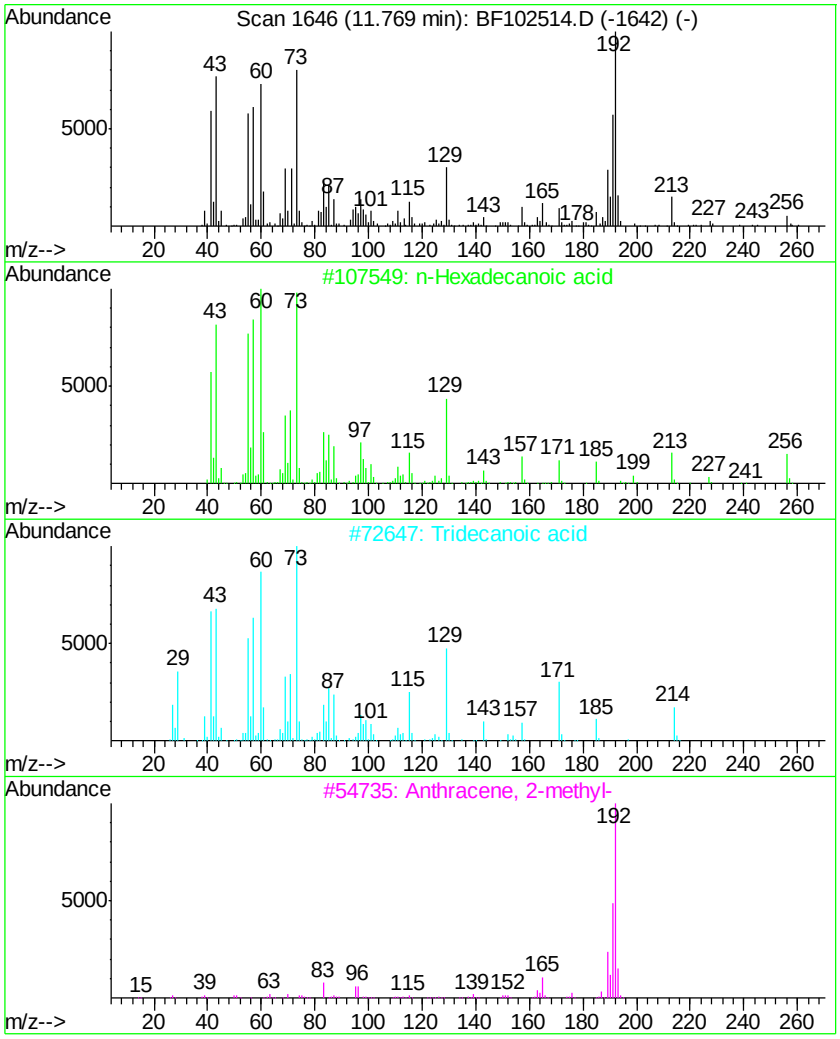
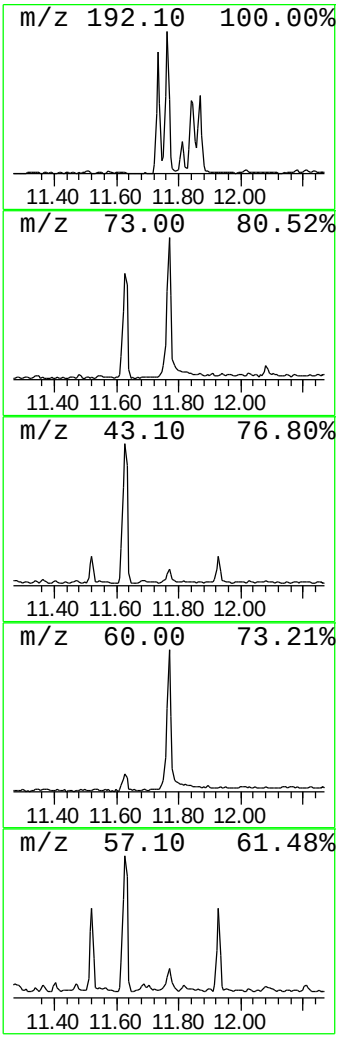
Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	13.80 ng	645145	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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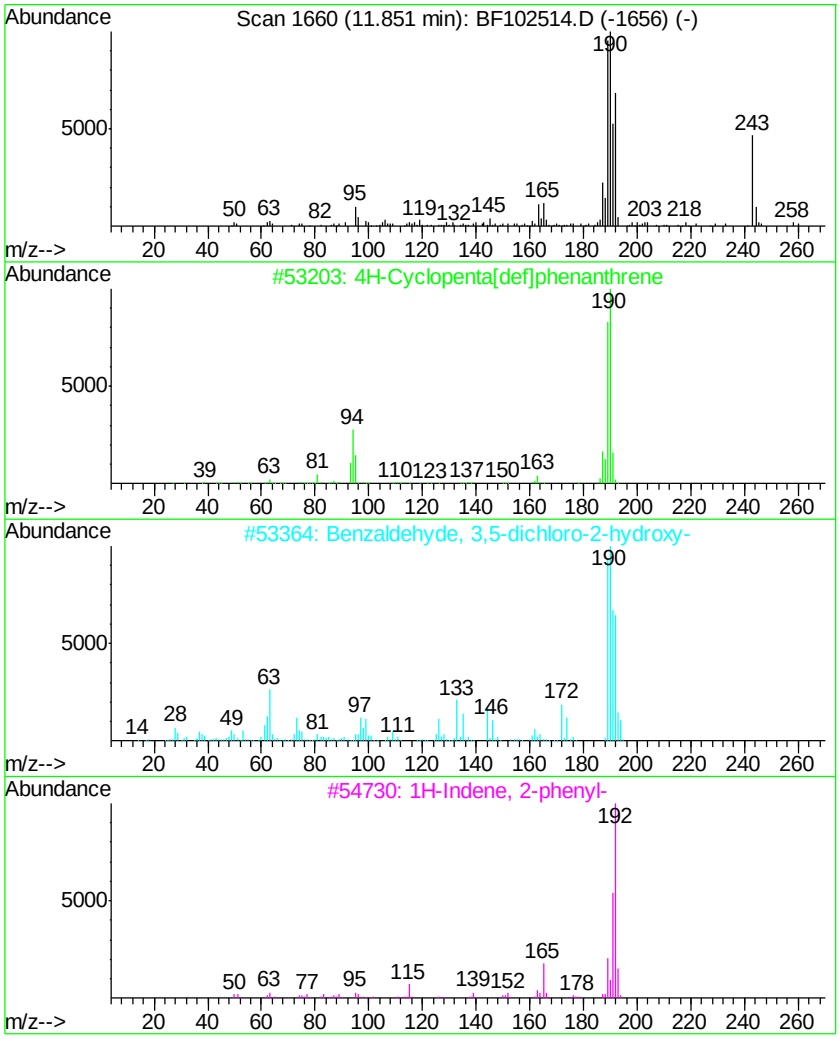
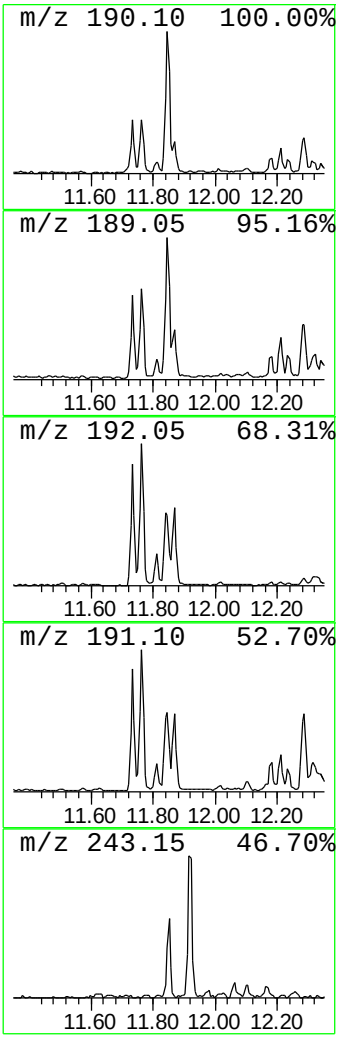
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.07 ng	330419	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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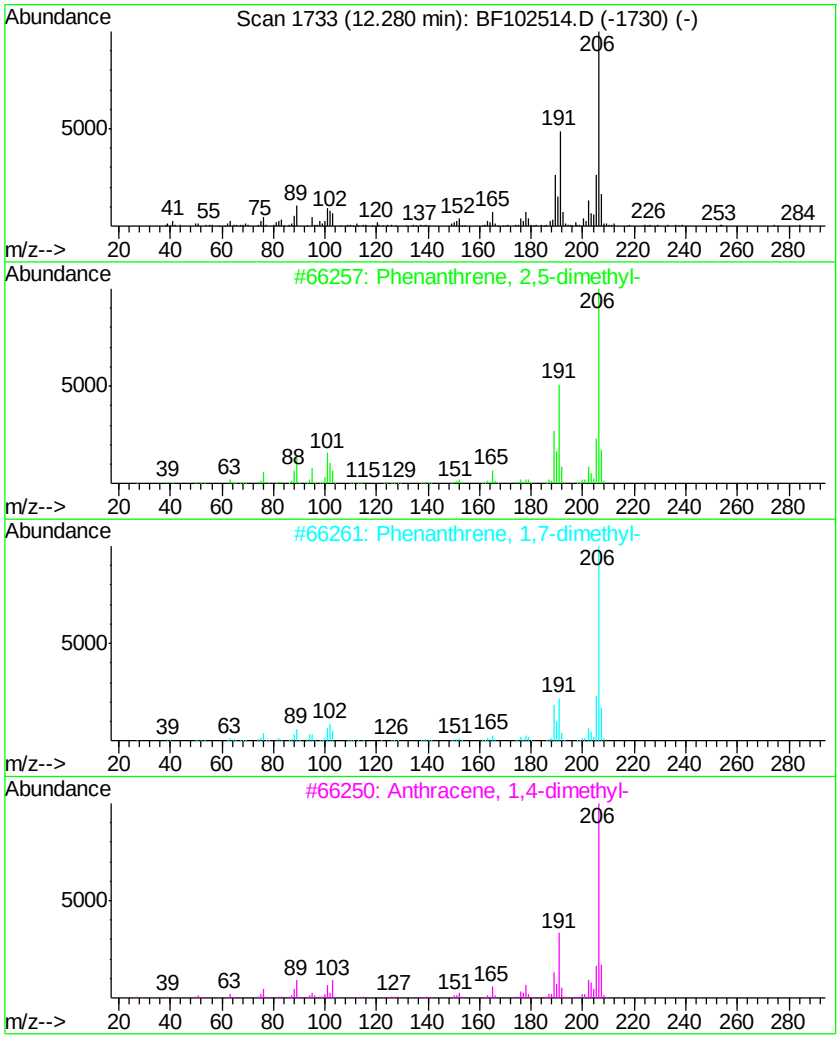
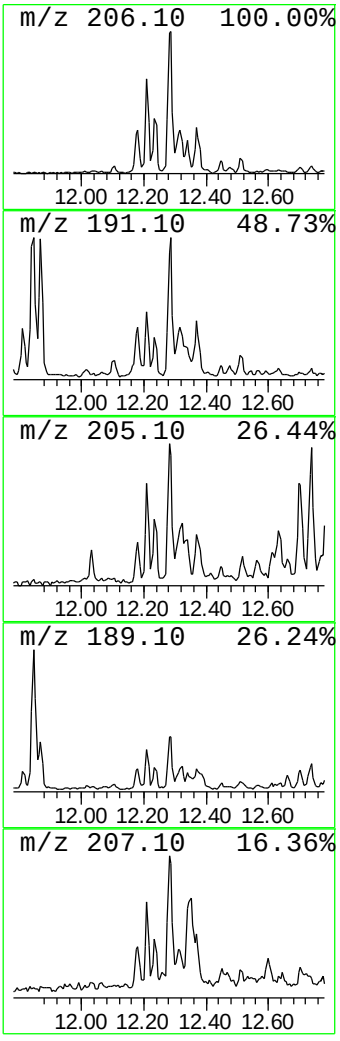
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.83 ng	272618	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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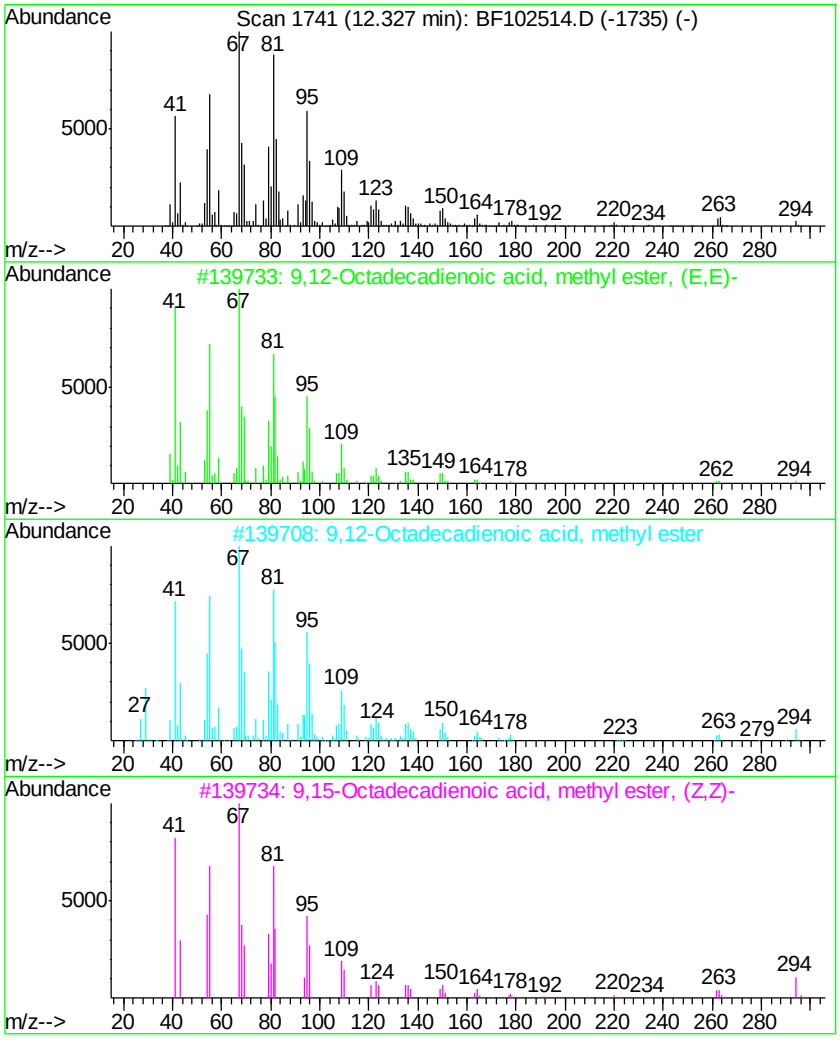
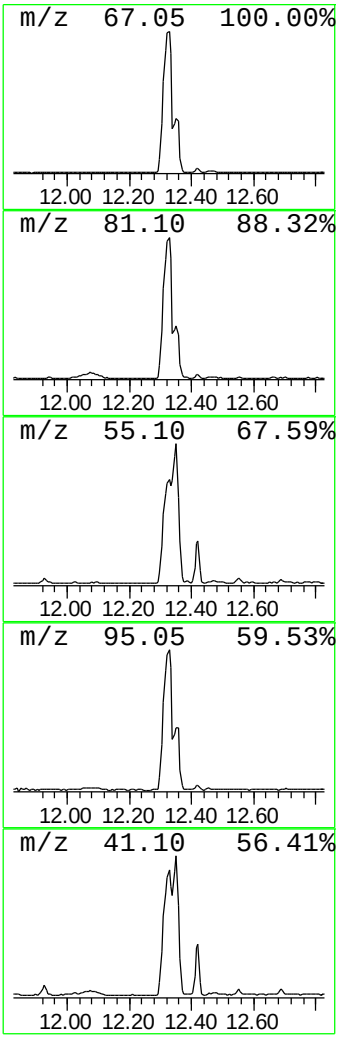
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	286.87 ng	13409400	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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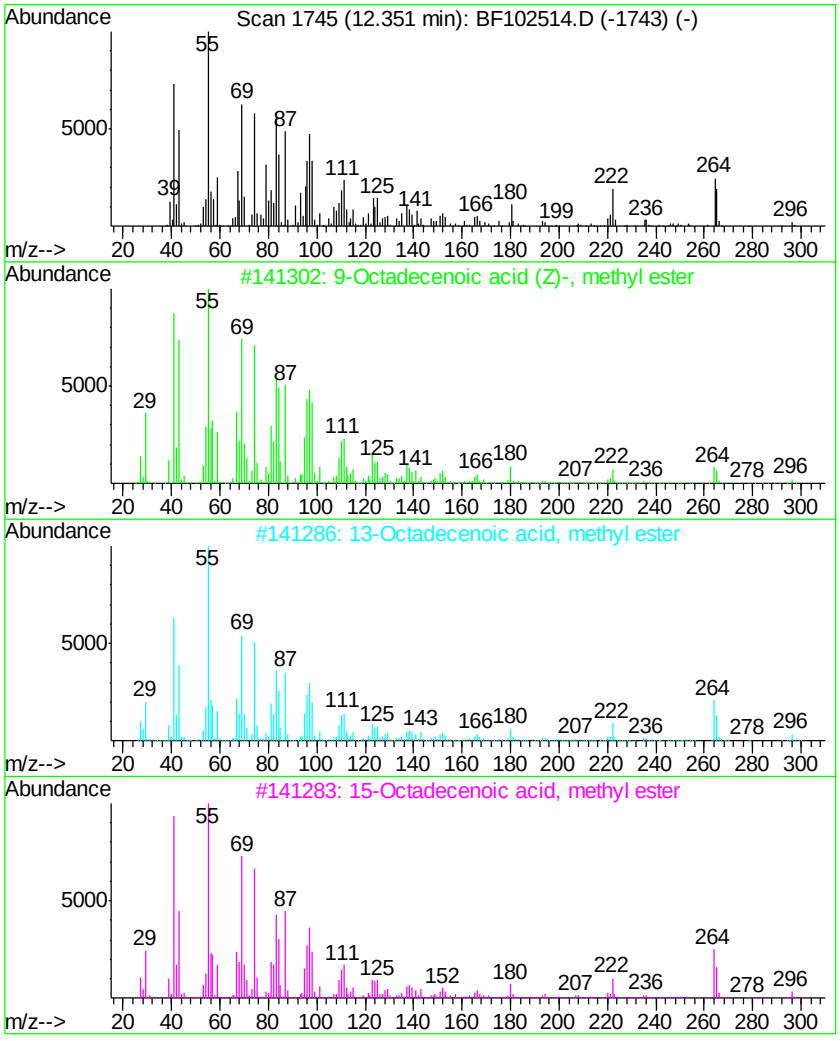
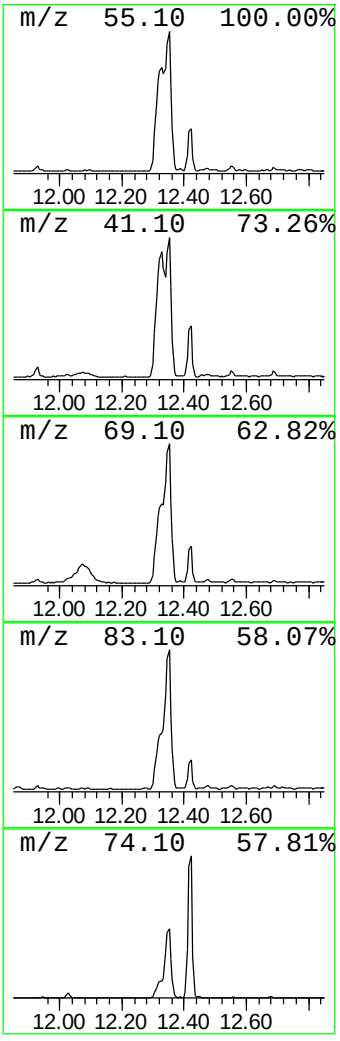
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	162.16 ng	7580090	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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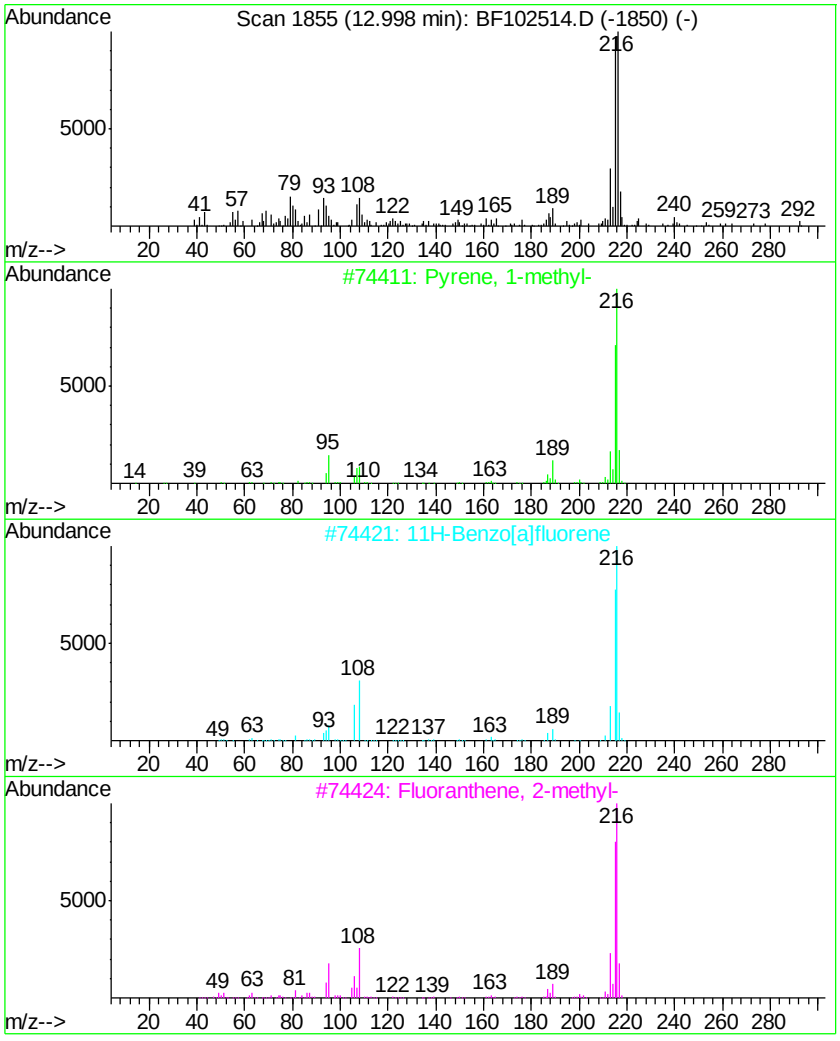
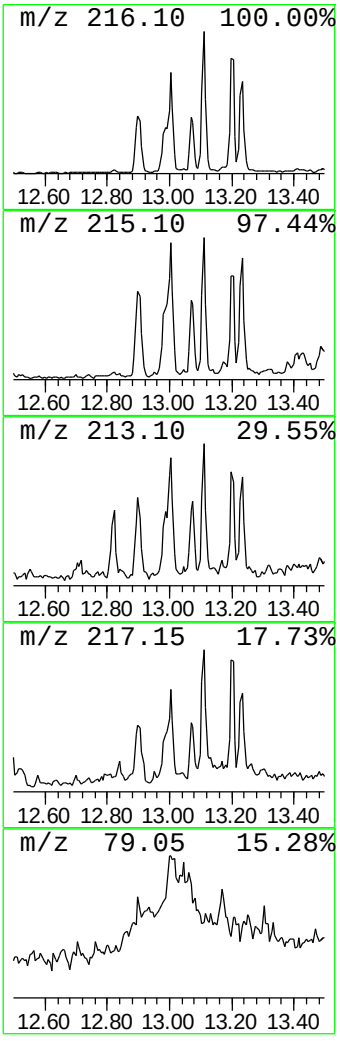
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.18 ng	361451	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102514.D
Acq On : 27 Jan 2018 17:05
Operator : SJ/JU
Sample : J1023-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
Propylene Glycol	3.05	6.0	ng	264020	1	6.71	877542	20.0
unknown6.48	6.48	41.6	ng	1823520	1	6.71	877542	20.0
Tetradecane	9.15	10.1	ng	672043	3	9.75	1336980	20.0
Hexadecane	9.67	9.7	ng	650782	3	9.75	1336980	20.0
Undecane, 3,6-dim...	10.39	5.5	ng	369861	3	9.75	1336980	20.0
Bacchotricuneatin c	10.65	19.8	ng	923592	4	11.23	934881	20.0
Heneicosane	11.09	11.8	ng	550875	4	11.23	934881	20.0
Tridecane	11.12	6.3	ng	295247	4	11.23	934881	20.0
Hexadecanoic acid...	11.63	114.3	ng	5344870	4	11.23	934881	20.0
n-Hexadecanoic acid	11.77	13.8	ng	645145	4	11.23	934881	20.0
4H-Cyclopenta[def...	11.85	7.1	ng	330419	4	11.23	934881	20.0
Phenanthrene, 2,5...	12.28	5.8	ng	272618	4	11.23	934881	20.0
9,12-Octadecadien...	12.33	286.9	ng	13409400	4	11.23	934881	20.0
9-Octadecenoic ac...	12.35	162.2	ng	7580090	4	11.23	934881	20.0
Pyrene, 1-methyl-	13.00	6.2	ng	361451	5	13.87	1169790	20.0