LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

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-BF022218.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	5.098	509	512	521	rBV2	18909	37198	2.13%	0.189%
2	5.492	576	579	602	rBV	848584	1641941	93.80%	8.328%
3	6.510	748	752	771	rBV	904843	1750479	100.00%	8.879%
4	6.639	771	774	794	rVB	1393780	1746256	99.76%	8.857%
5	6.869	810	813	830	rBV	740001	812129	46.39%	4.119%
6	7.022	836	839	856	rBV	1044010	1236359	70.63%	6.271%
7	7.439	906	910	934	rBV	648894	1093989	62.50%	5.549%
8	8.157	1028	1032	1057	rBV	704945	1047389	59.83%	5.313%
9	8.557	1097	1100	1103	rBV	18849	18248	1.04%	0.093%
10	8.727	1127	1129	1134	rBV	17354	18419	1.05%	0.093%
11	8.880	1152	1155	1159	rBV2	13459	20424	1.17%	0.104%
12	9.227	1210	1214	1223	rBV	1479619	1559373	89.08%	7.909%
13	9.292	1223	1225	1229	rVV	67754	72868	4.16%	0.370%
14	9.333	1229	1232	1237	rVB5	17969	21499	1.23%	0.109%
15	9.622	1275	1281	1288	rVV2	67623	124638	7.12%	0.632%
16	9.774	1303	1307	1311	rBV2	23479	39882	2.28%	0.202%
17	9.822	1311	1315	1320	rVB	93858	93008	5.31%	0.472%
18	9.910	1327	1330	1343	rVB	925499	1061913	60.66%	5.386%
19	10.116	1362	1365	1368	rVV3	19730	27305	1.56%	0.138%
20	10.145	1368	1370	1374	rVV3	29190	40474	2.31%	0.205%
21	10.227	1381	1384	1387	rBV5	16930	20774	1.19%	0.105%
22	10.322	1395	1400	1404	rBV	117793	106292	6.07%	0.539%
23	10.469	1422	1425	1433	rVB3	18480	26066	1.49%	0.132%
24	10.539	1433	1437	1440	rBV	53109	67366	3.85%	0.342%
25	10.710	1462	1466	1478	rBV	516705	696826	39.81%	3.534%
26	10.798	1478	1481	1490	rVB	105977	168032	9.60%	0.852%
27	10.945	1503	1506	1509	rBV2	18989	20835	1.19%	0.106%
28	11.221	1550	1553	1555	rBV4	12235	18065	1.03%	0.092%
29	11.245	1555	1557	1560	rVV2	62239	62516	3.57%	0.317%
30	11.274	1560	1562	1565	rVB2	28835	25754	1.47%	0.131%
31	11.410	1581	1585	1587	rBV	727715	781906	44.67%	3.966%
32	11.433	1587	1589	1596	rVV	278245	272201	15.55%	1.381%
33	11.486	1596	1598	1601	rVV	46614	44087	2.52%	0.224%
34	11.657	1623	1627	1628	rBV2	28568	30884	1.76%	0.157%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.674	1628	1630	1632	rVB	36688	26001	1.49%	0.132%
36	11.916	1668	1671	1673	rBV3	51284	61995	3.54%	0.314%
37	11.939	1673	1675	1681	rVB2	56154	58265	3.33%	0.296%
38	11.992	1681	1684	1686	rBV2	18803	19534	1.12%	0.099%
39	12.027	1686	1690	1692	rBV2	62505	79026	4.51%	0.401%
40	12.080	1697	1699	1702	rBV	32115	22033	1.26%	0.112%
41	12.204	1717	1720	1723	rBV	30496	34225	1.96%	0.174%
42	12.463	1760	1764	1769	rBV3	48956	84572	4.83%	0.429%
43	12.627	1788	1792	1797	rBV	564973	557297	31.84%	2.827%
44	12.780	1815	1818	1820	rBV	29885	37761	2.16%	0.192%
45	12.857	1825	1831	1837	rBV	512530	634328	36.24%	3.217%
46	12.986	1849	1853	1859	rBV	1075415	1093473	62.47%	5.546%
47	13.451	1929	1932	1936	rBV4	63421	78523	4.49%	0.398%
48	13.810	1991	1993	1996	rBV2	49383	42463	2.43%	0.215%
49	13.868	2000	2003	2008	rBV4	174303	254220	14.52%	1.289%
50	14.009	2024	2027	2031	rBV	497660	449763	25.69%	2.281%
51	14.062	2031	2036	2039	rBV2	701896	878142	50.17%	4.454%
52	15.127	2215	2217	2221	rBV	108390	156518	8.94%	0.794%
53	15.580	2290	2294	2298	rVB	282958	341879	19.53%	1.734%

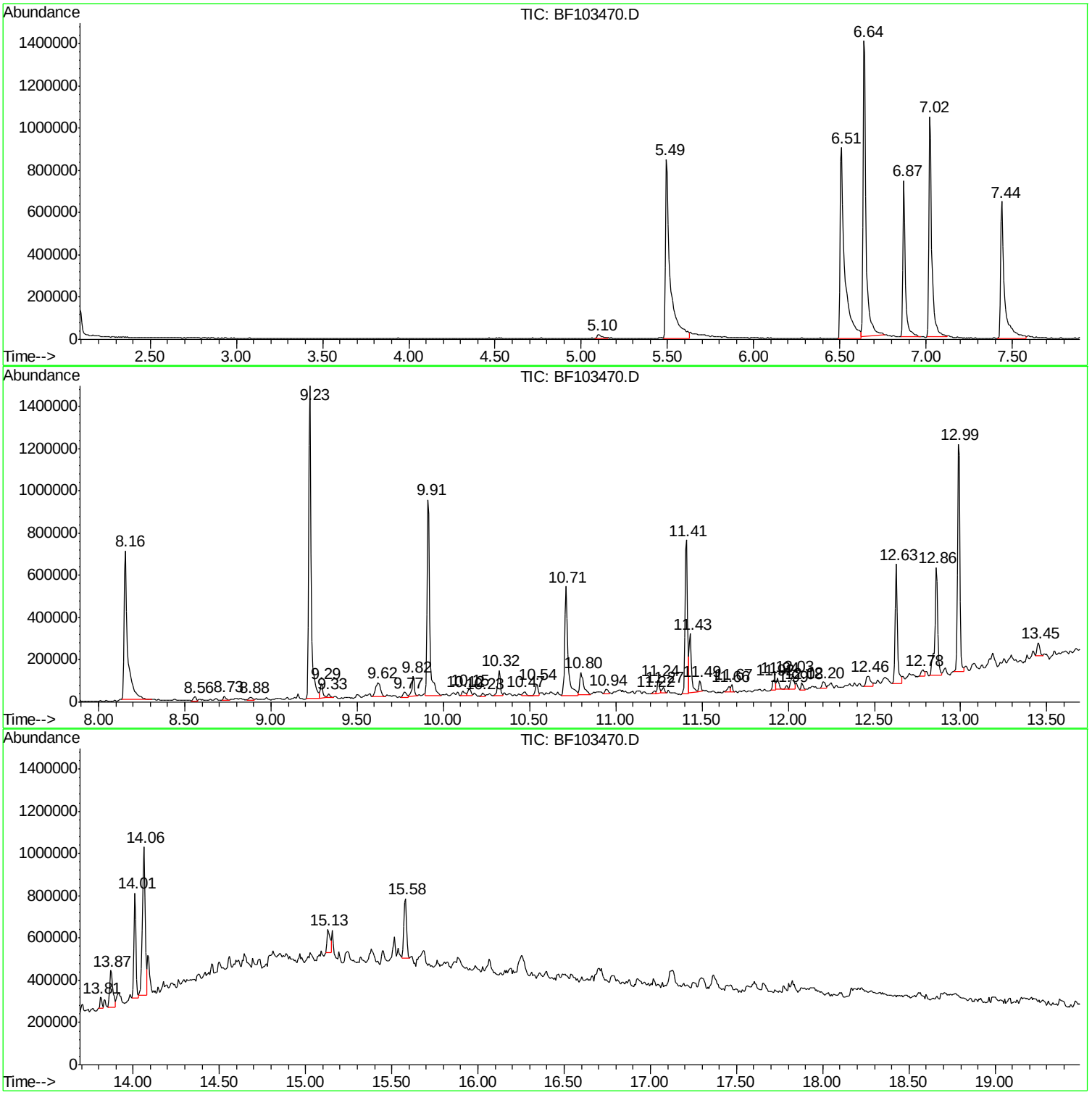
Sum of corrected areas: 19715413

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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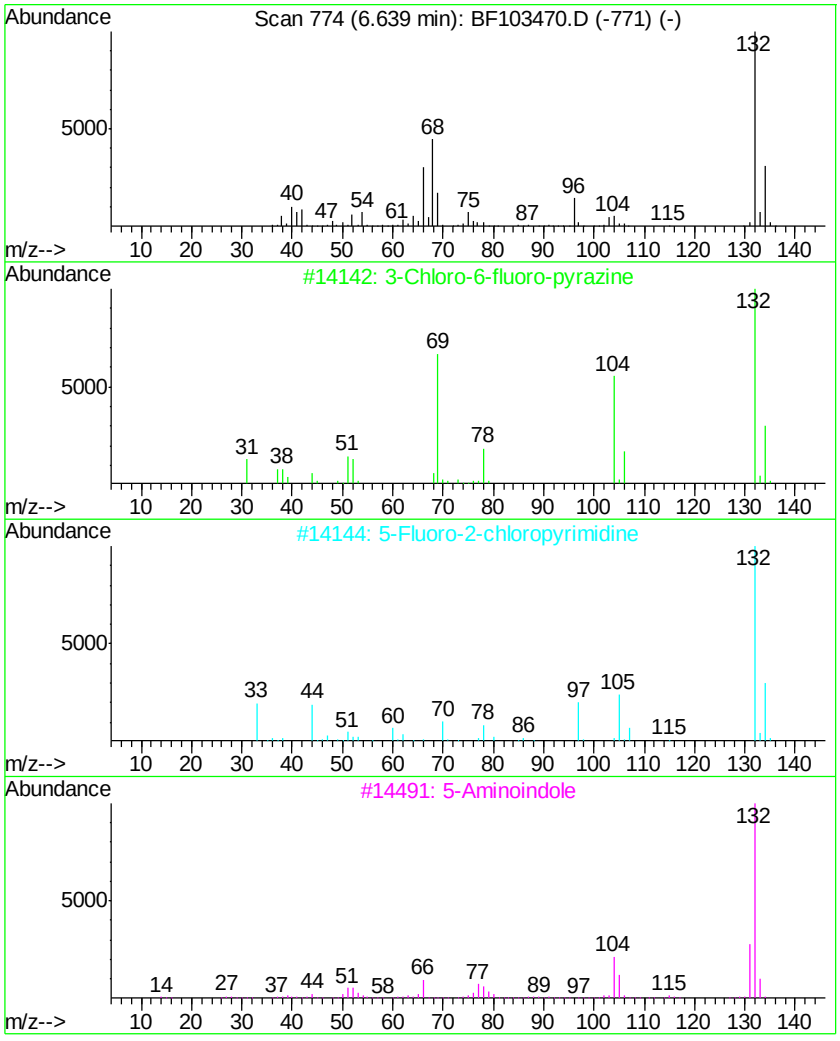
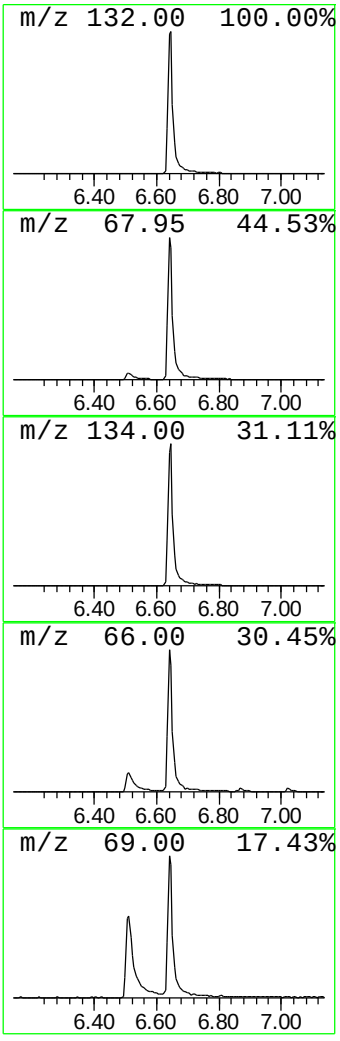
Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	43.00 ng	1746260	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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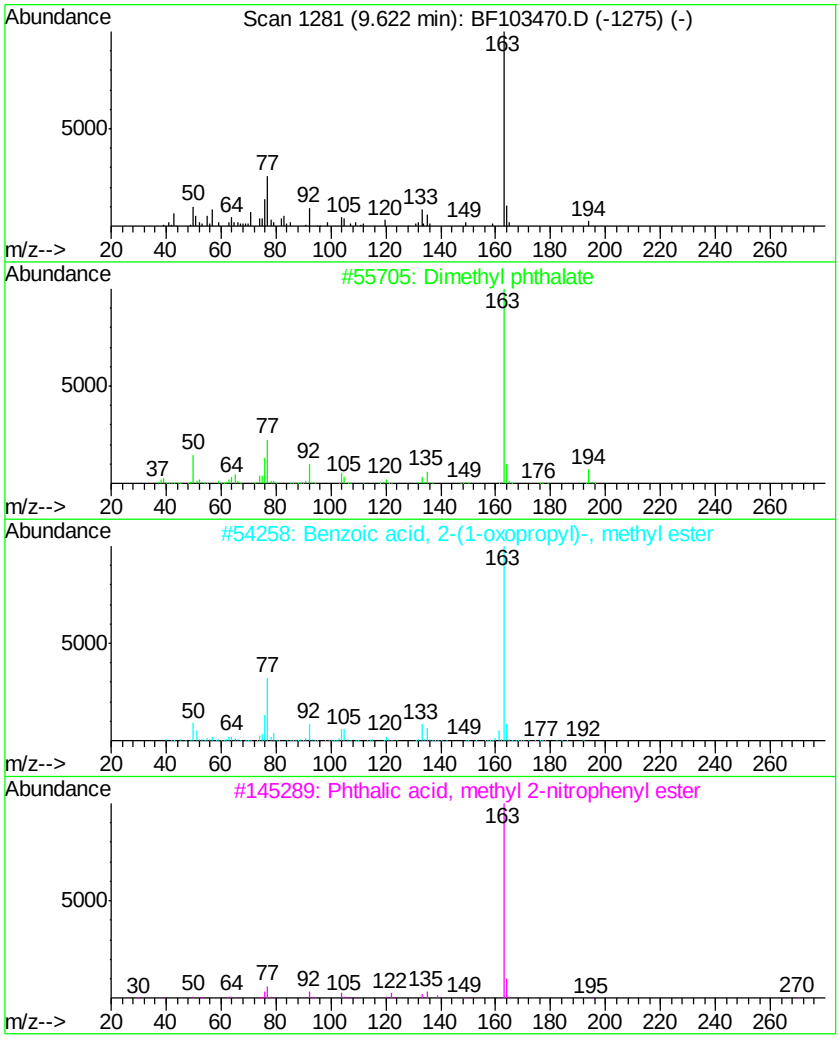
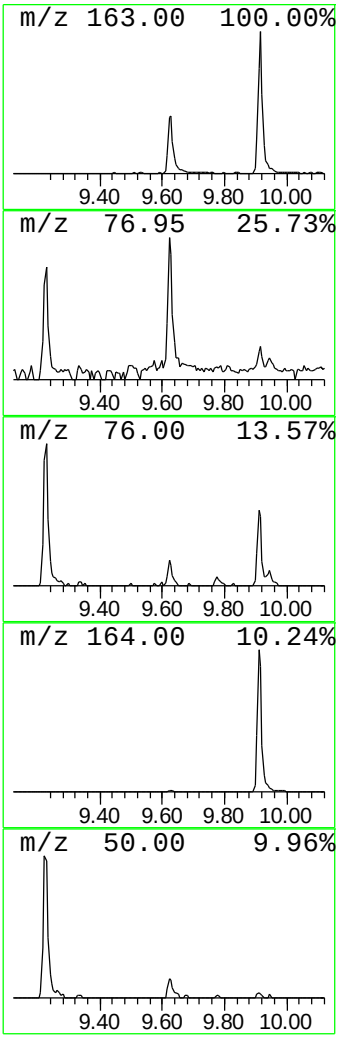
Peak Number 3 Dimethyl phthalate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.35 ng	124638	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
3	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	83
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	72
5	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	72





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Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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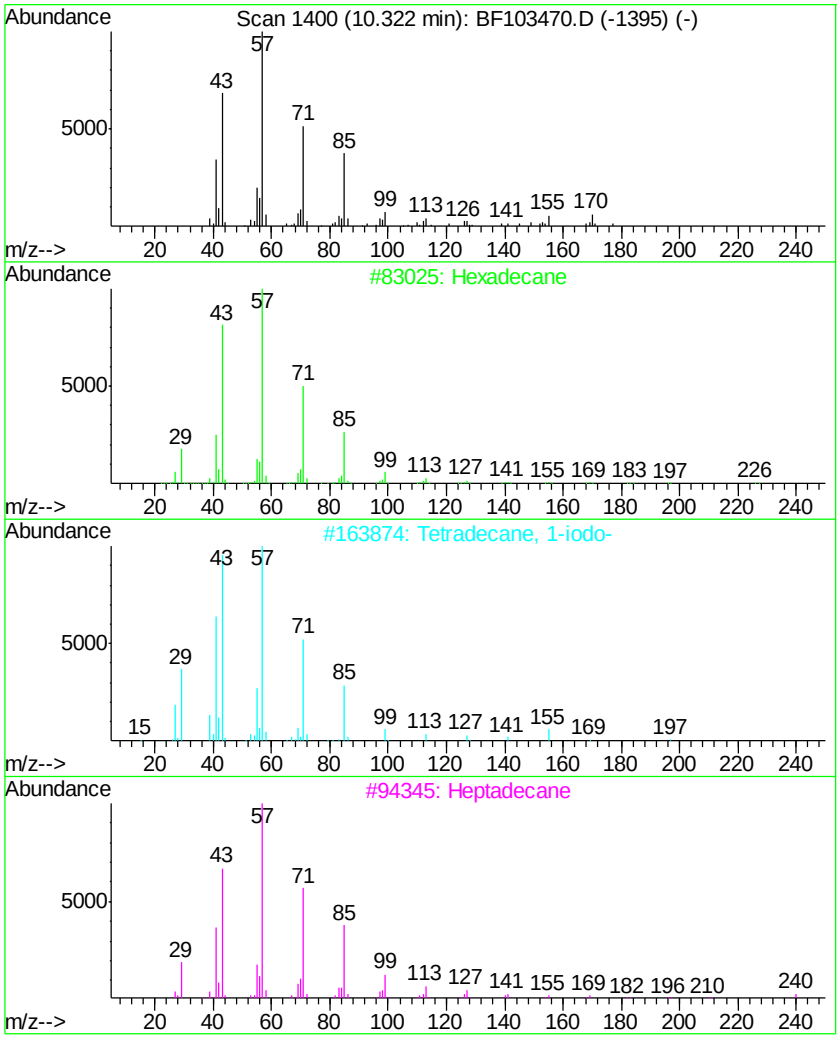
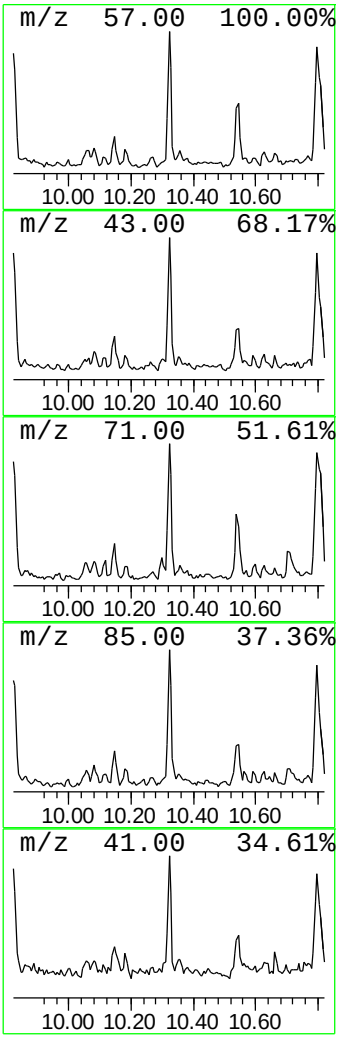
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.00 ng	106292	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Heptadecane	240	C17H36	000629-78-7	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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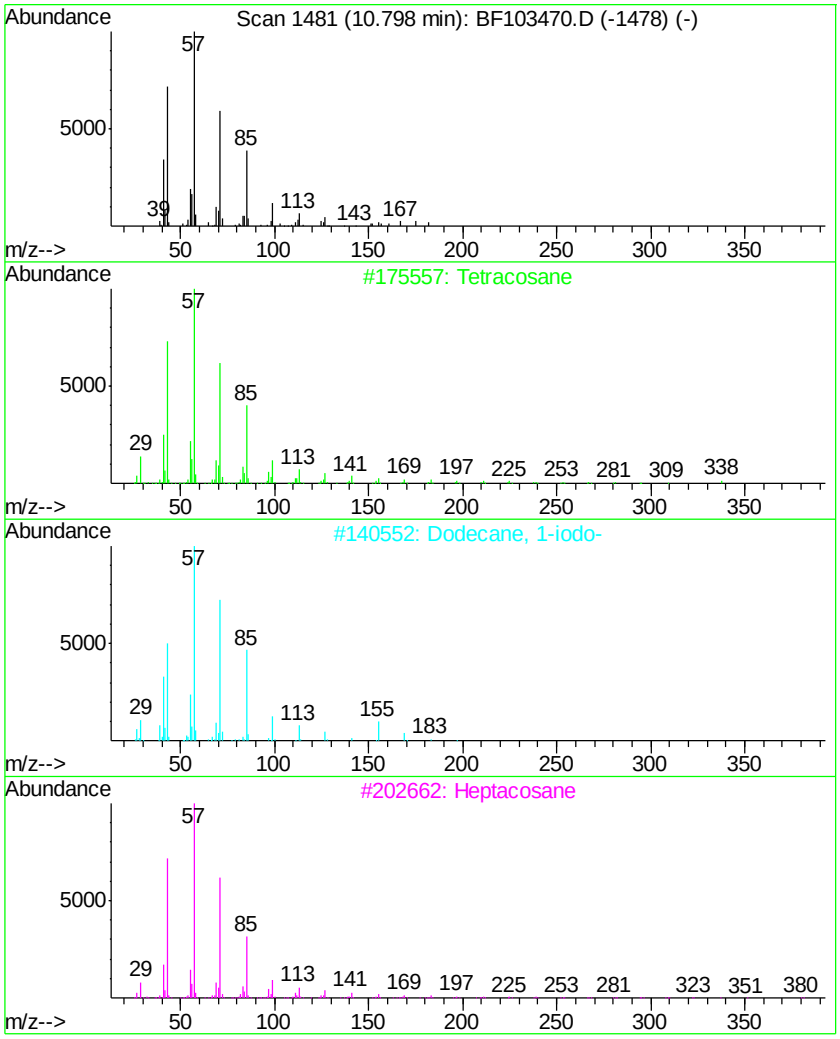
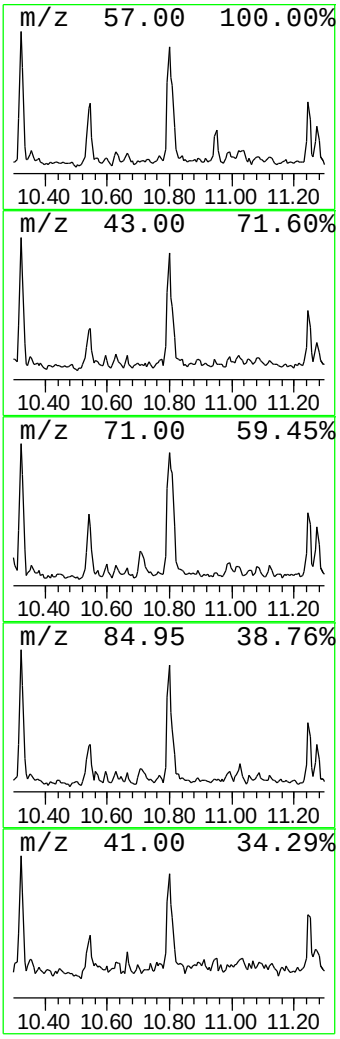
Peak Number 5 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.30 ng	168032	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

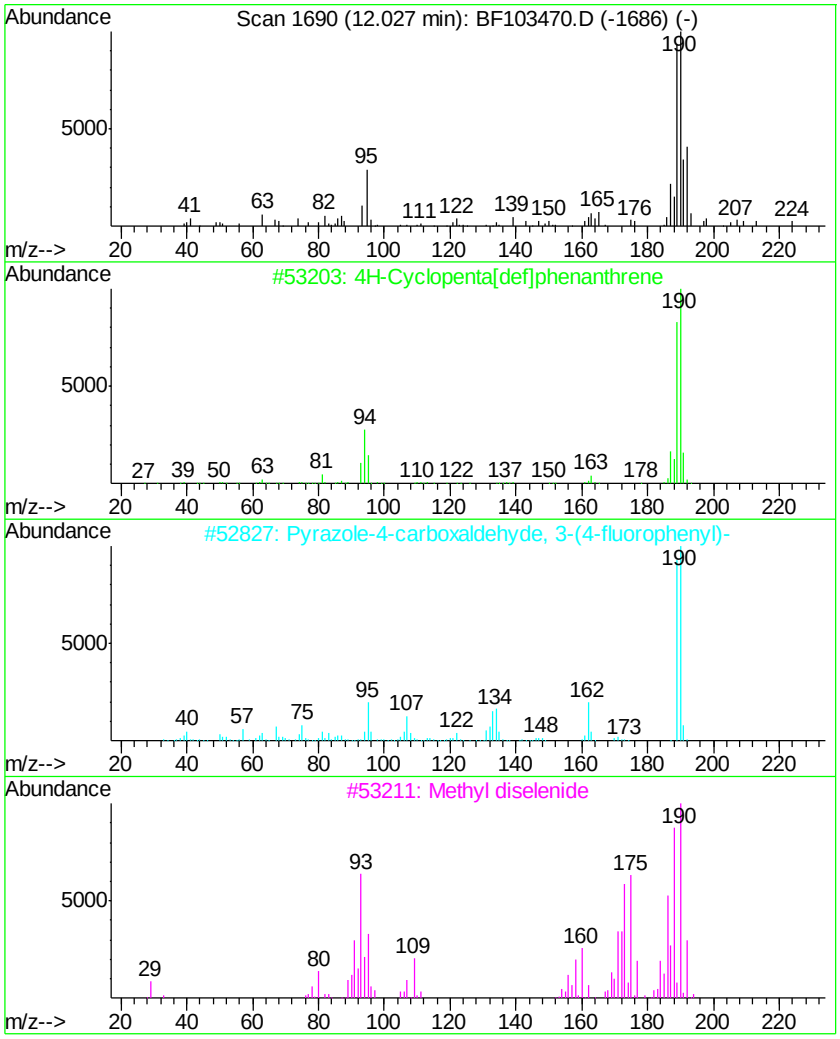
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

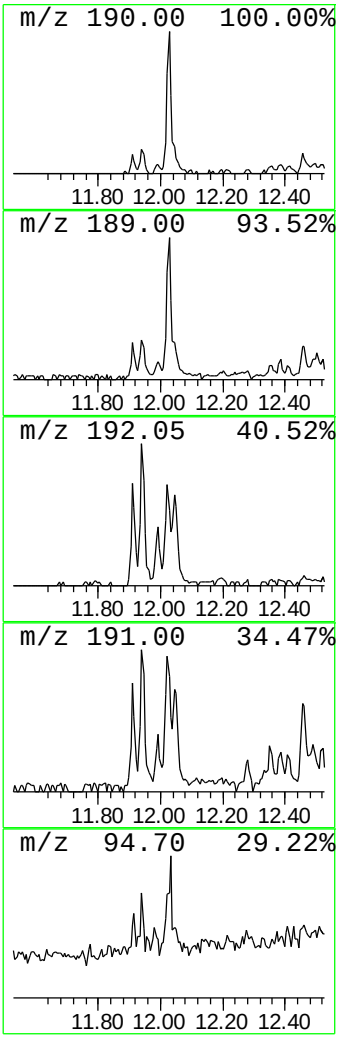
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.02 ng	79026	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	37
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





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Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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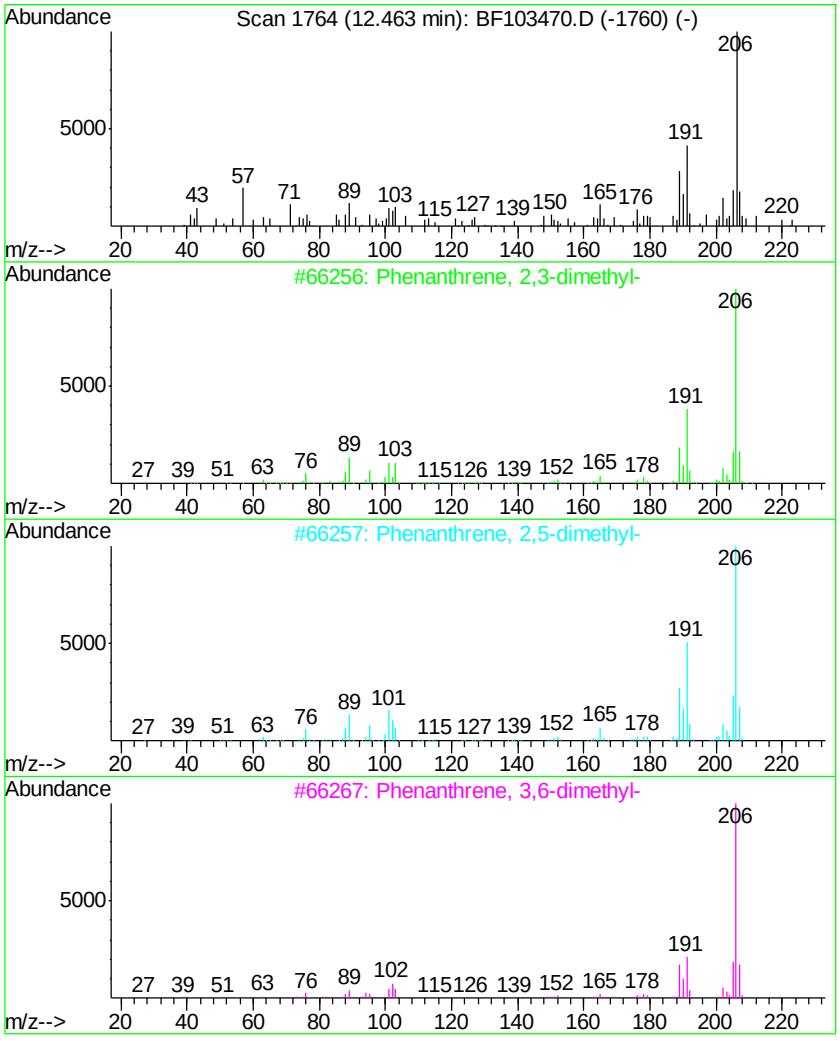
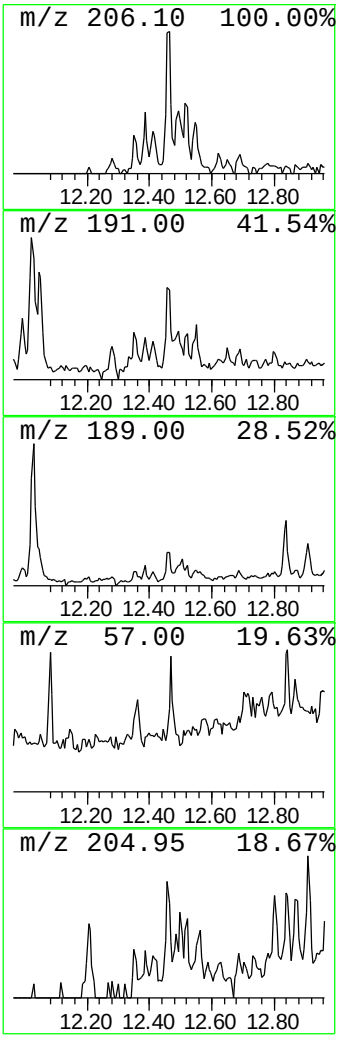
Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.16 ng	84572	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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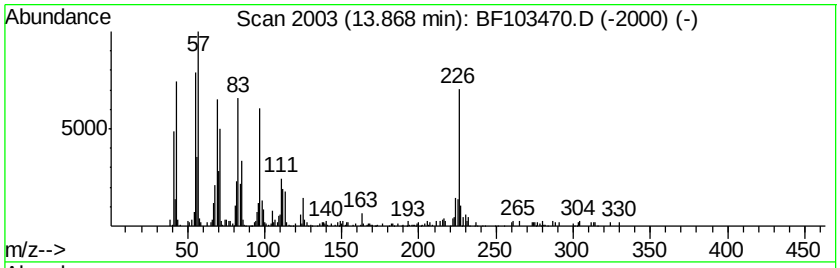
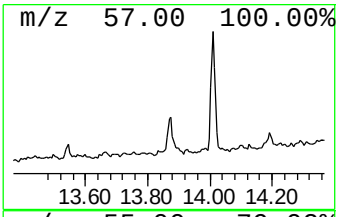
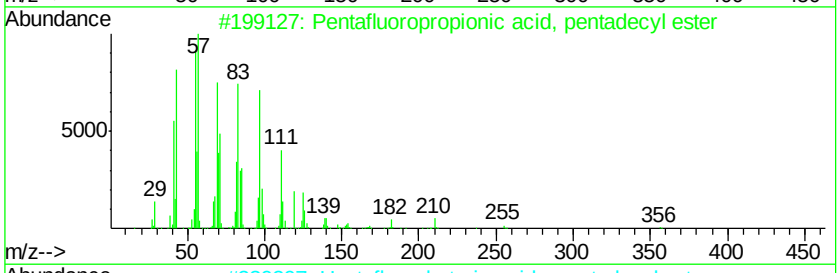
Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 3

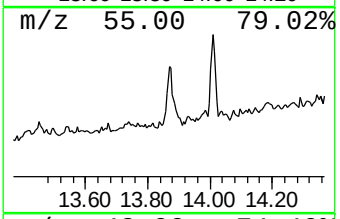
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.79 ng	254220	Chrysene-d12	14.06

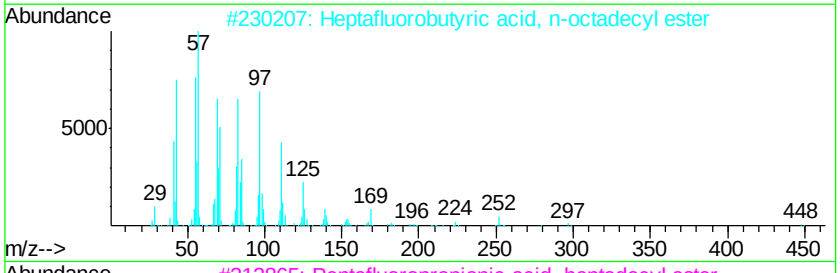
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	76
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
5	Cyclopentane, undecyl-	224	C16H32	006785-23-5	70

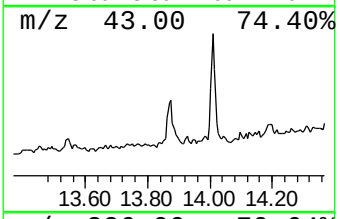


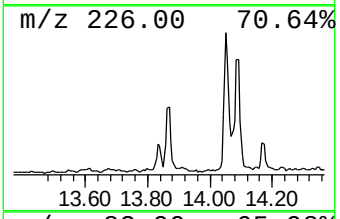


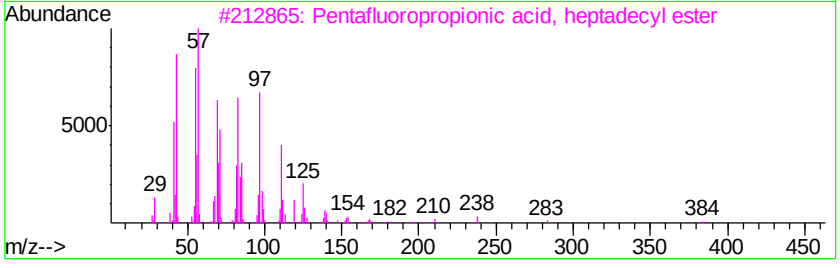


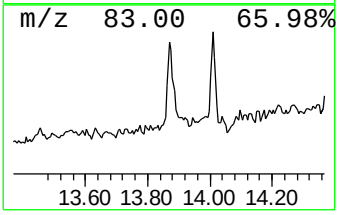












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.64	6.64	43.0	ng	1746260	1	6.87	812129	20.0
Dimethyl phthalate	9.62	2.4	ng	124638	3	9.91	1061910	20.0
Hexadecane	10.32	2.0	ng	106292	3	9.91	1061910	20.0
Tetracosane	10.80	4.3	ng	168032	4	11.41	781906	20.0
4H-Cyclopenta[def...	12.03	2.0	ng	79026	4	11.41	781906	20.0
Phenanthrene, 2,3...	12.46	2.2	ng	84572	4	11.41	781906	20.0
Pentafluoropropio...	13.87	5.8	ng	254220	5	14.06	878142	20.0