LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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	2.116	3	5	13	rVB	174667	191403	5.35%	0.521%
2	5.110	511	514	524	rBV	59247	99233	2.78%	0.270%
3	5.498	576	580	608	rBV	2589310	3574286	100.00%	9.738%
4	6.510	748	752	771	rBV	2478825	3478989	97.33%	9.479%
5	6.645	771	775	791	rVB	3014142	3305679	92.49%	9.007%
6	6.869	810	813	833	rVB	926939	995388	27.85%	2.712%
7	7.028	836	840	855	rBV	2303091	2576618	72.09%	7.020%
8	7.439	906	910	934	rBV	1891520	2383904	66.70%	6.495%
9	8.151	1028	1031	1054	rVB	995865	1432862	40.09%	3.904%
10	8.874	1150	1154	1159	rBV	32775	42191	1.18%	0.115%
11	9.227	1210	1214	1223	rBV	2970765	2964462	82.94%	8.077%
12	9.292	1223	1225	1229	rVV	101033	96271	2.69%	0.262%
13	9.333	1229	1232	1237	rVV	30062	35793	1.00%	0.098%
14	9.622	1275	1281	1287	rBV2	168165	250731	7.01%	0.683%
15	9.774	1302	1307	1311	rBV	61873	96097	2.69%	0.262%
16	9.822	1311	1315	1319	rVV	180775	163222	4.57%	0.445%
17	9.910	1326	1330	1334	rBV2	1375152	1285793	35.97%	3.503%
18	10.057	1351	1355	1357	rBV5	34429	45524	1.27%	0.124%
19	10.116	1361	1365	1368	rVV2	47206	76098	2.13%	0.207%
20	10.145	1368	1370	1374	rVB3	53575	65305	1.83%	0.178%
21	10.227	1381	1384	1387	rBV	34278	46849	1.31%	0.128%
22	10.321	1394	1400	1404	rBV	234312	224158	6.27%	0.611%
23	10.463	1421	1424	1430	rVB2	37978	53043	1.48%	0.145%
24	10.545	1433	1438	1440	rBV2	71658	89473	2.50%	0.244%
25	10.710	1462	1466	1478	rBV	1205812	1457087	40.77%	3.970%
26	10.798	1478	1481	1491	rVB	179920	261438	7.31%	0.712%
27	10.945	1503	1506	1511	rBV	40785	43796	1.23%	0.119%
28	11.245	1555	1557	1560	rBV2	93384	87812	2.46%	0.239%
29	11.274	1560	1562	1565	rVV2	42367	40200	1.12%	0.110%
30	11.410	1581	1585	1587	rBV	1097708	1162508	32.52%	3.167%
31	11.427	1587	1588	1595	rVV	525173	481692	13.48%	1.312%
32	11.486	1595	1598	1602	rVV	121769	126407	3.54%	0.344%
33	11.651	1623	1626	1628	rBV	42100	44555	1.25%	0.121%
34	11.921	1667	1672	1680	rBV2	512014	791988	22.16%	2.158%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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	11.986	1681	1683	1686	rVB	50489	43804	1.23%	0.119%
36	12.021	1686	1689	1692	rBV	146625	177725	4.97%	0.484%
37	12.204	1717	1720	1722	rBV	78261	73805	2.06%	0.201%
38	12.239	1724	1726	1731	rVB3	62118	82035	2.30%	0.224%
39	12.457	1760	1763	1767	rBV2	95268	139896	3.91%	0.381%
40	12.557	1778	1780	1788	rVB3	60855	107375	3.00%	0.293%
41	12.627	1788	1792	1797	rBV	1112960	1069119	29.91%	2.913%
42	12.704	1802	1805	1813	rVV2	378679	459609	12.86%	1.252%
43	12.857	1825	1831	1836	rBV	1053677	1214905	33.99%	3.310%
44	12.992	1849	1854	1857	rBV	2125138	2001440	56.00%	5.453%
45	13.186	1885	1887	1892	rVB2	129730	132682	3.71%	0.362%
46	13.251	1896	1898	1901	rBV	55102	50498	1.41%	0.138%
47	13.386	1919	1921	1923	rBV	66781	54877	1.54%	0.150%
48	13.704	1973	1975	1978	rBV	81956	74860	2.09%	0.204%
49	13.874	2000	2004	2009	rBV4	214683	300275	8.40%	0.818%
50	14.062	2031	2036	2039	rBV2	919943	1304255	36.49%	3.554%
51	14.092	2039	2041	2044	rVB	404498	345712	9.67%	0.942%
52	15.133	2215	2218	2221	rBV	252247	389252	10.89%	1.061%
53	15.515	2280	2283	2286	rBV	177037	207731	5.81%	0.566%
54	15.580	2291	2294	2298	rVB	341774	402016	11.25%	1.095%

Sum of corrected areas: 36702726

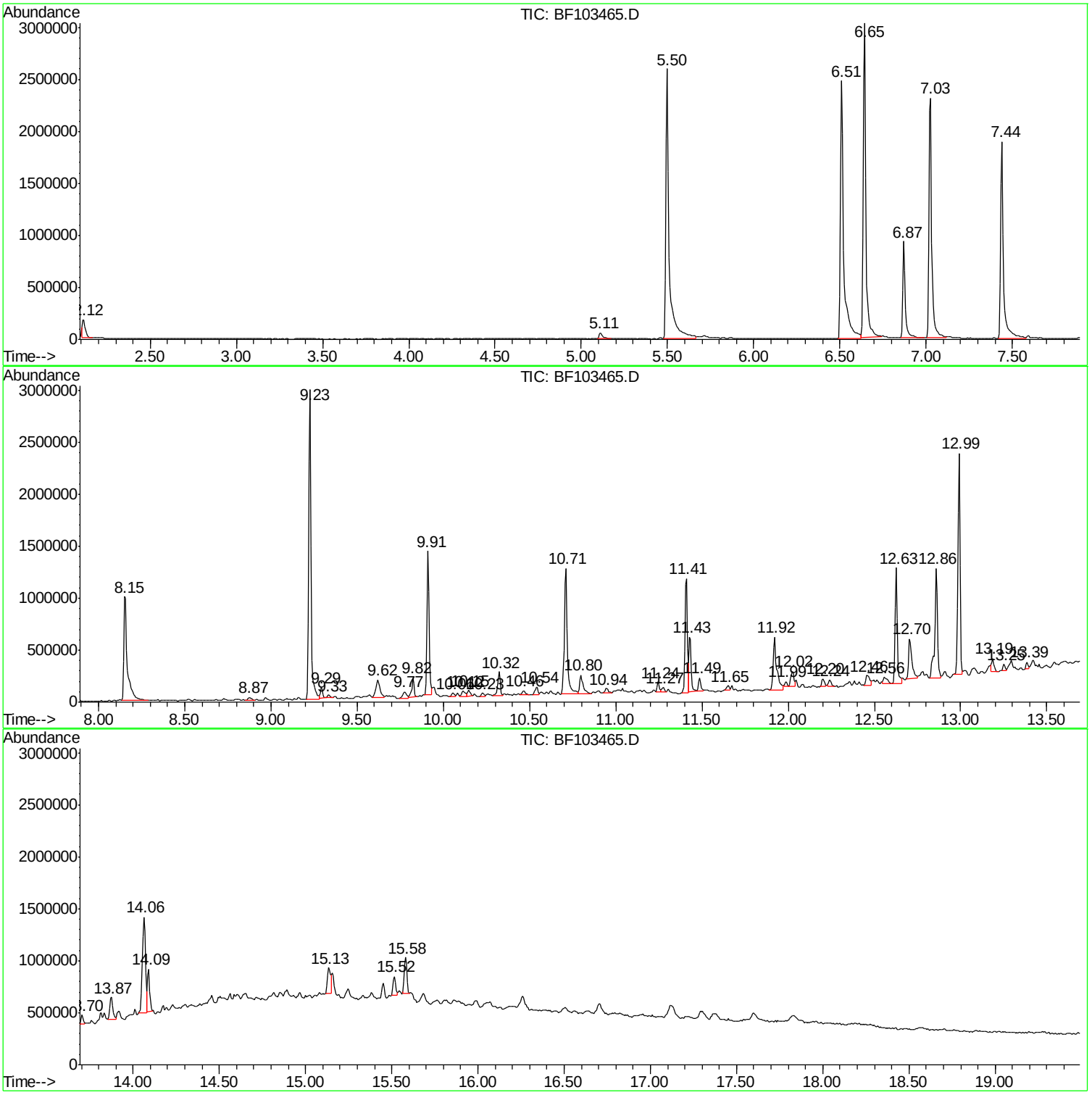
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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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Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

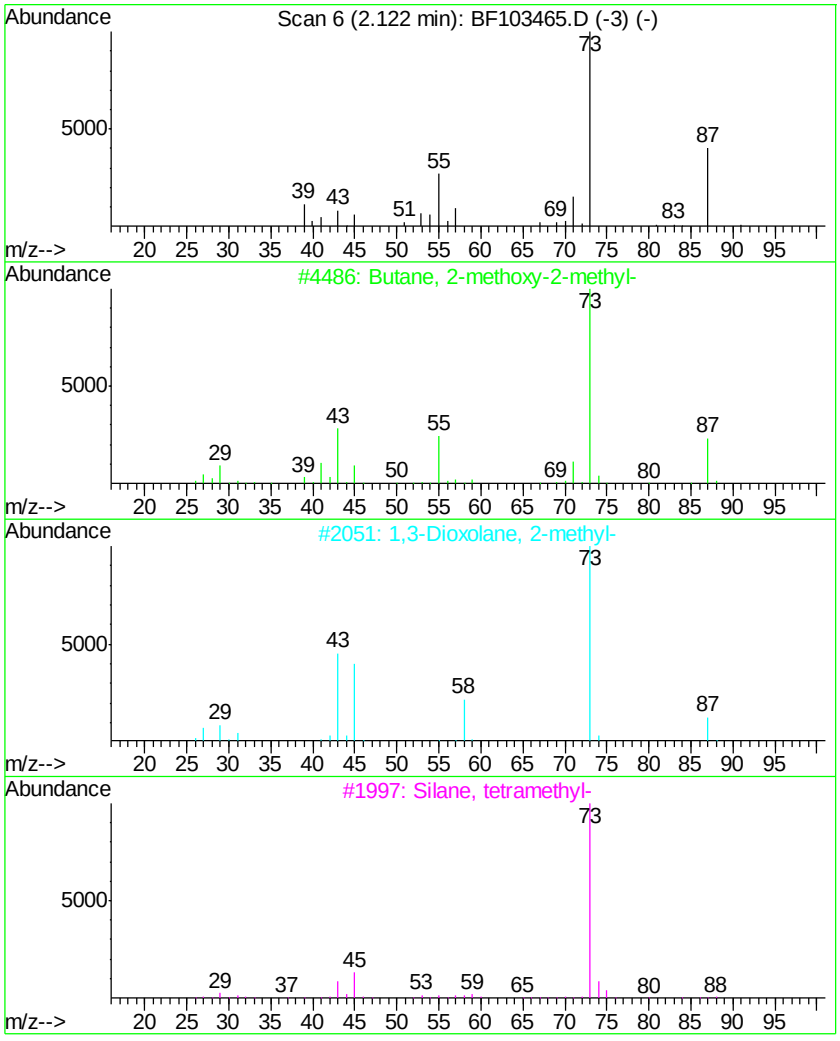
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

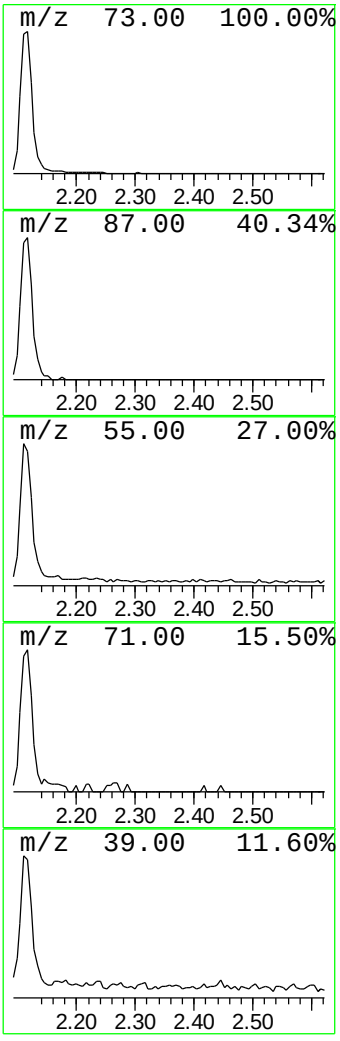
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.85 ng	191403	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

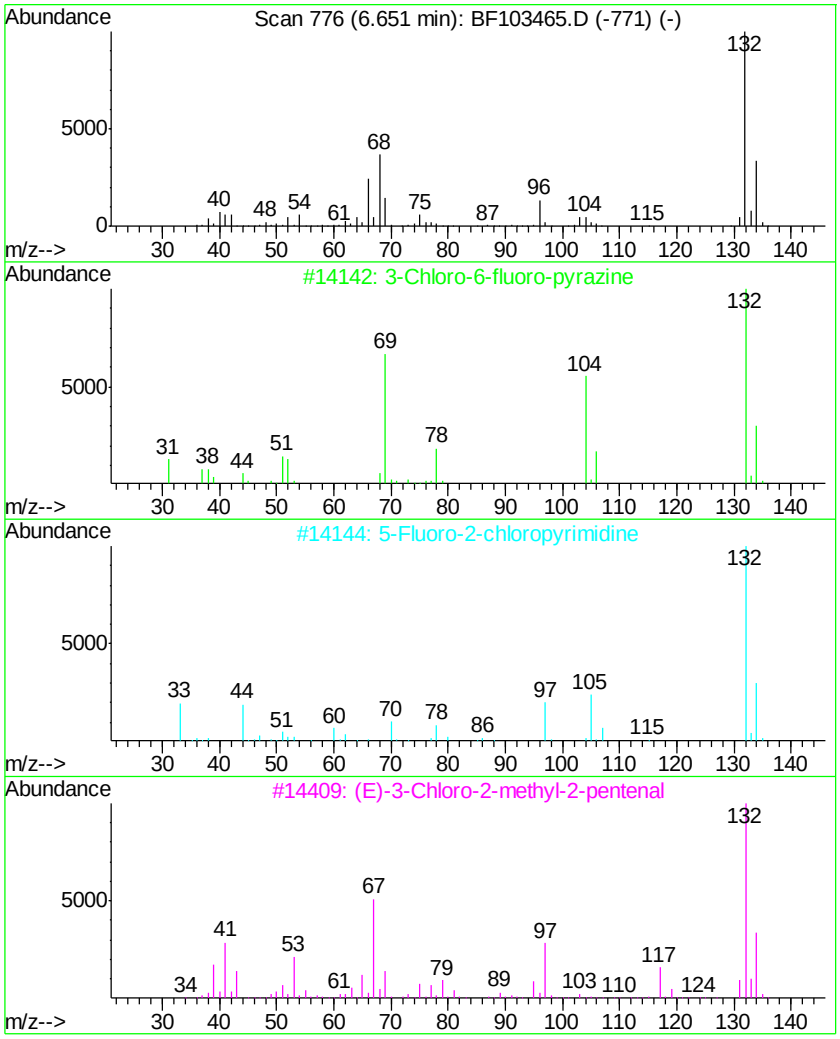
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

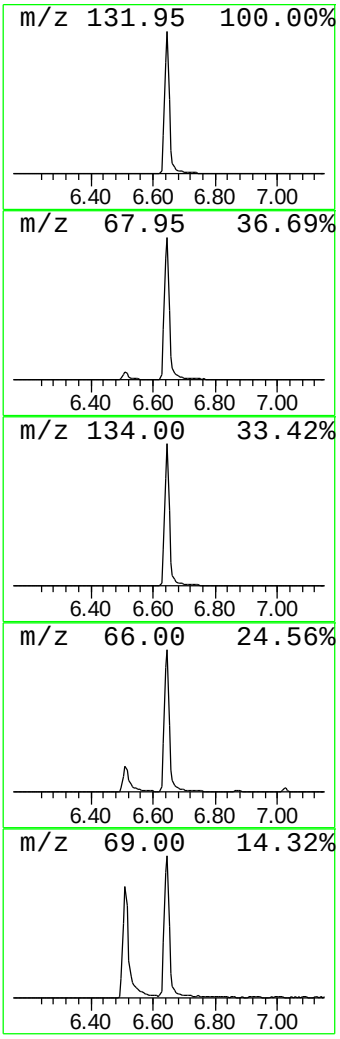
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	66.42 ng	3305680	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

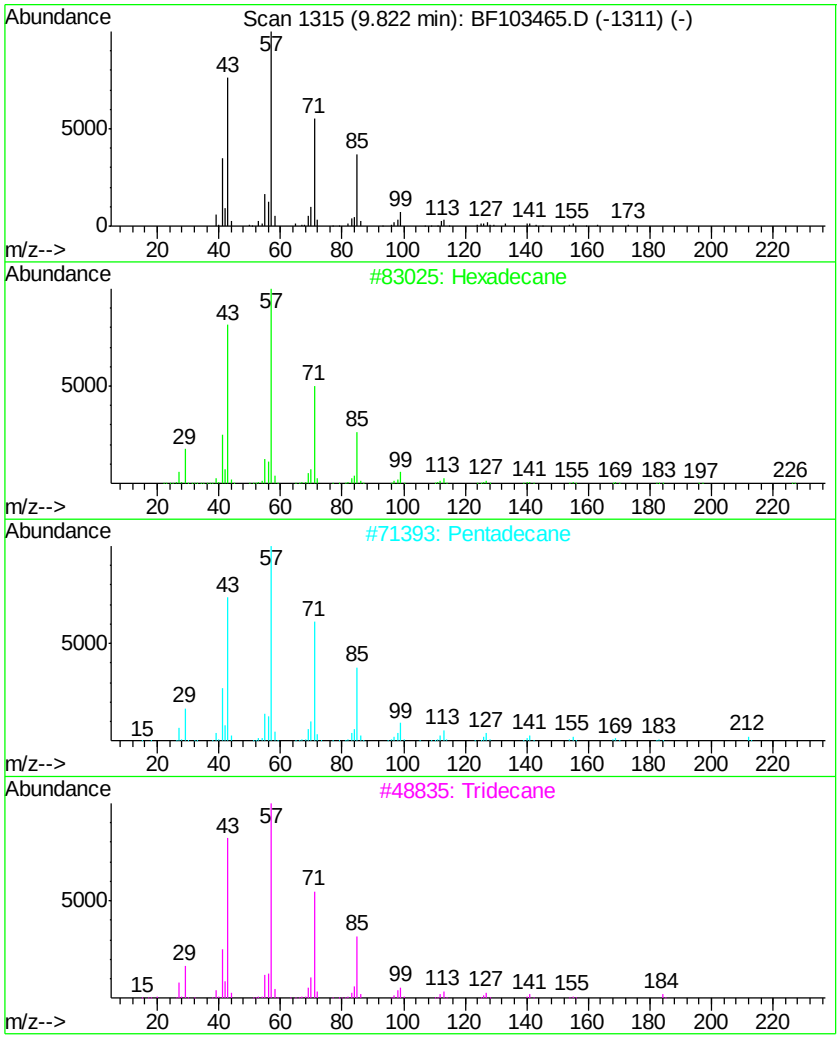
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

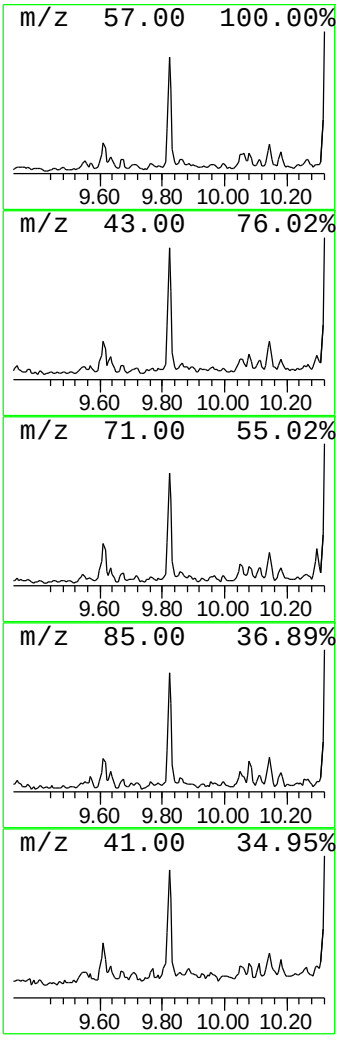
****

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.54 ng	163222	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane	170	C12H26	000112-40-3	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

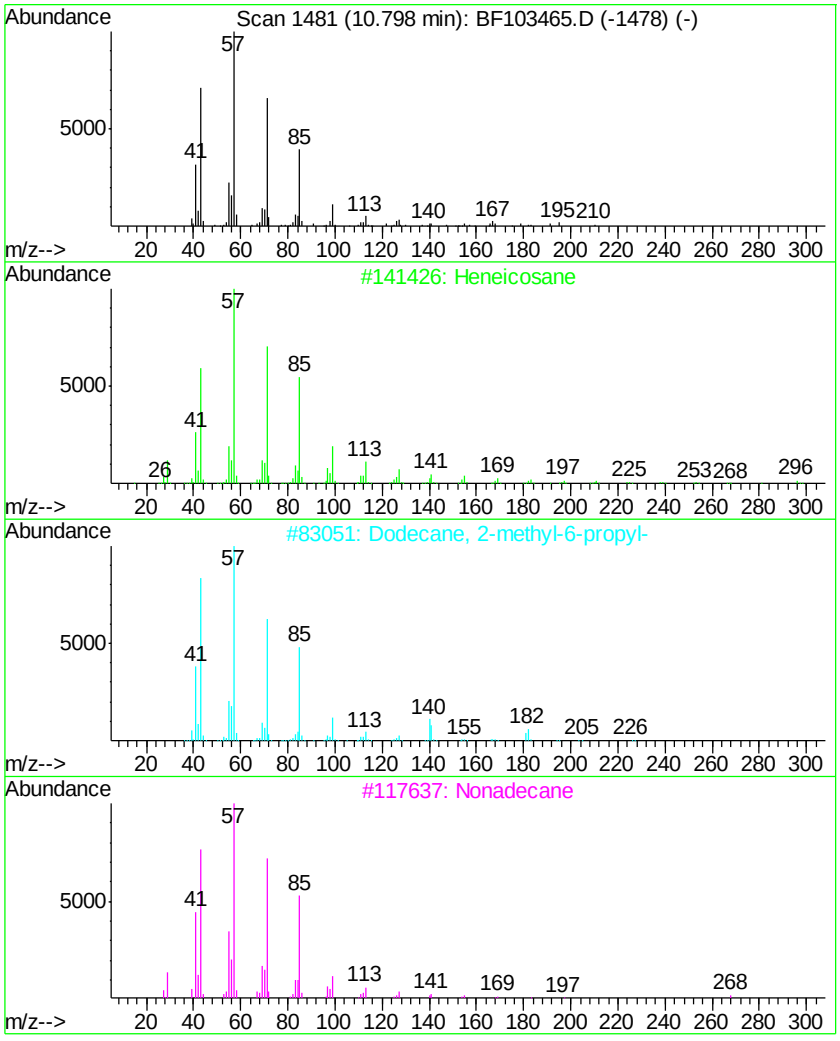
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

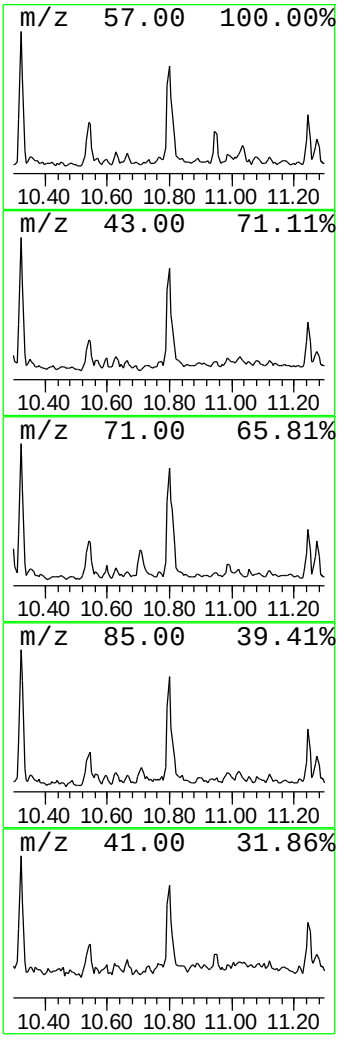
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.50 ng	261438	Phenanthrene-d10	11.41

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	Nonadecane	268	C19H40	000629-92-5	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

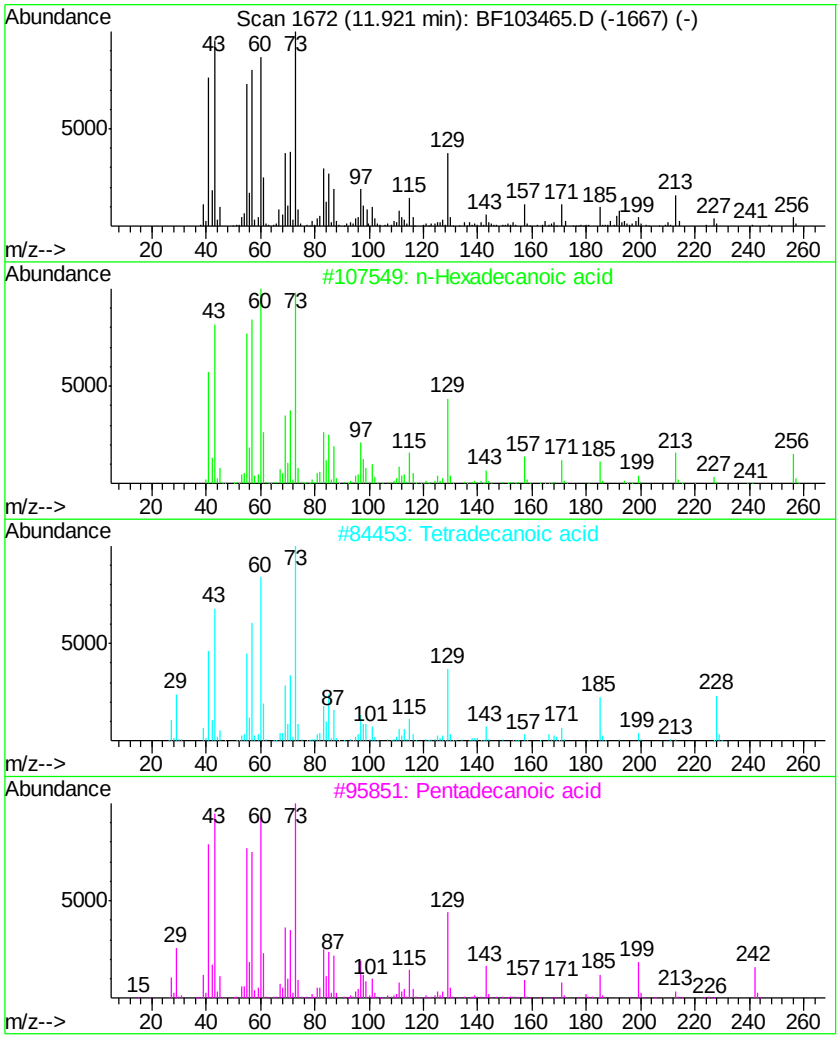
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

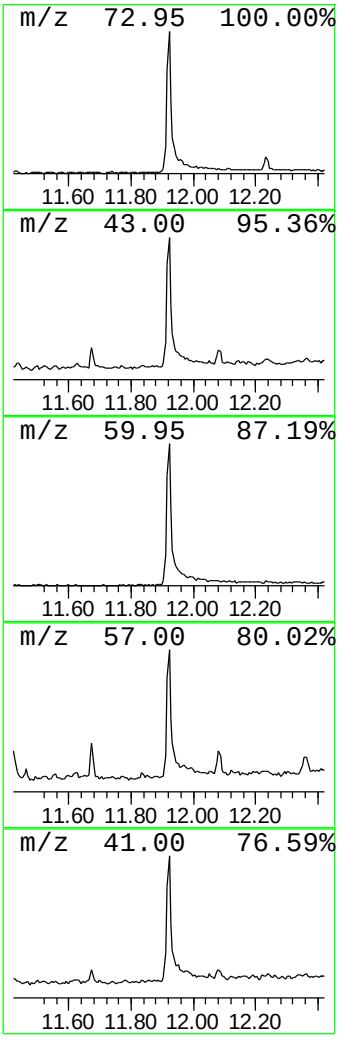
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	13.63 ng	791988	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tetradecane	198	C14H30	000629-59-4	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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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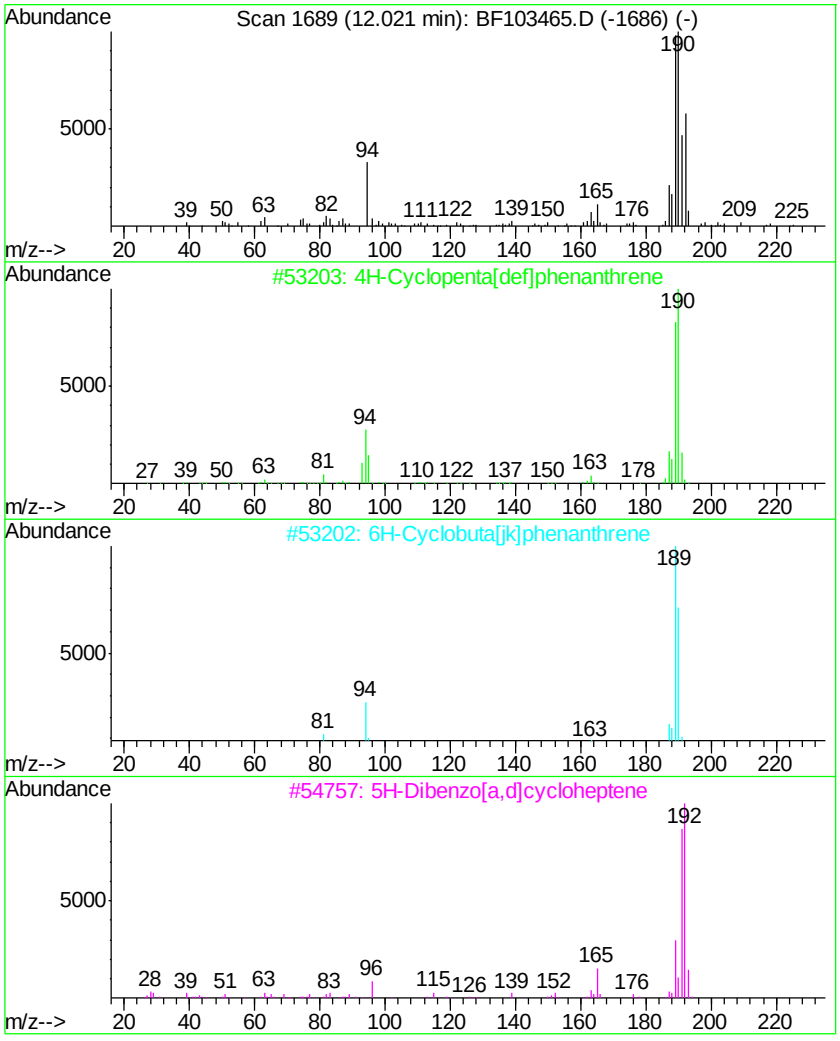
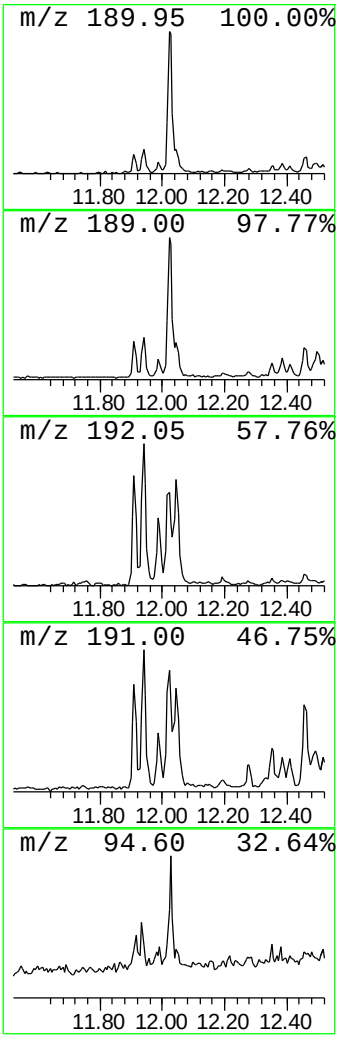
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.06 ng	177725	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

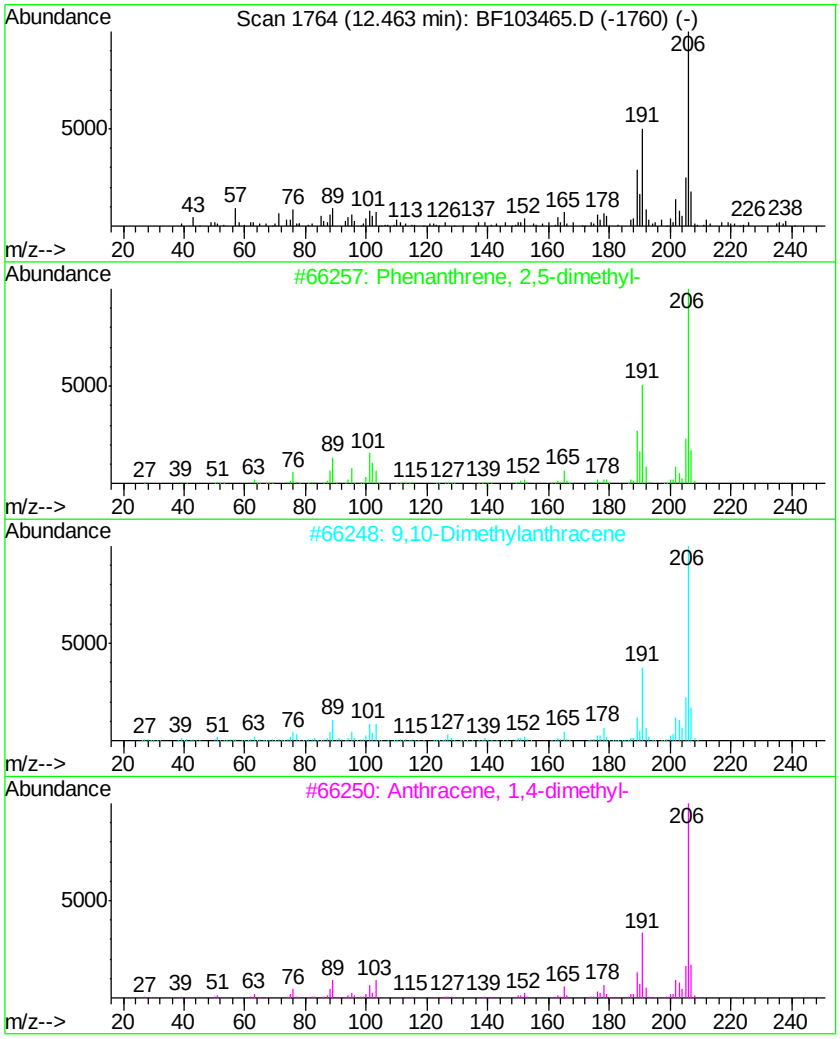
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

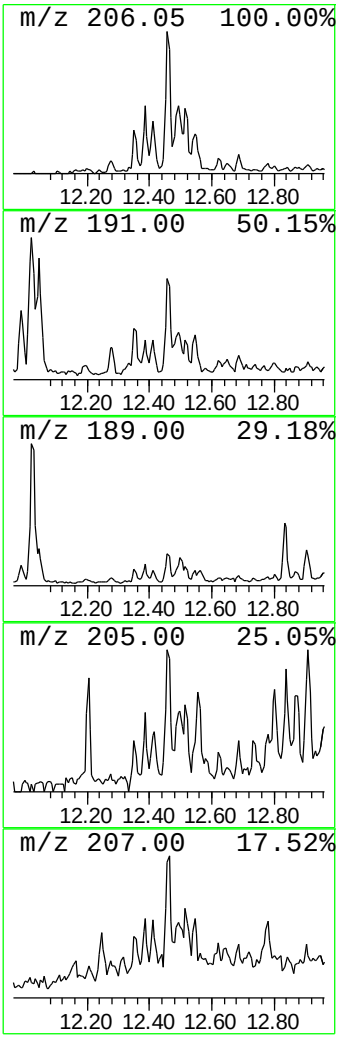
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.41 ng	139896	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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

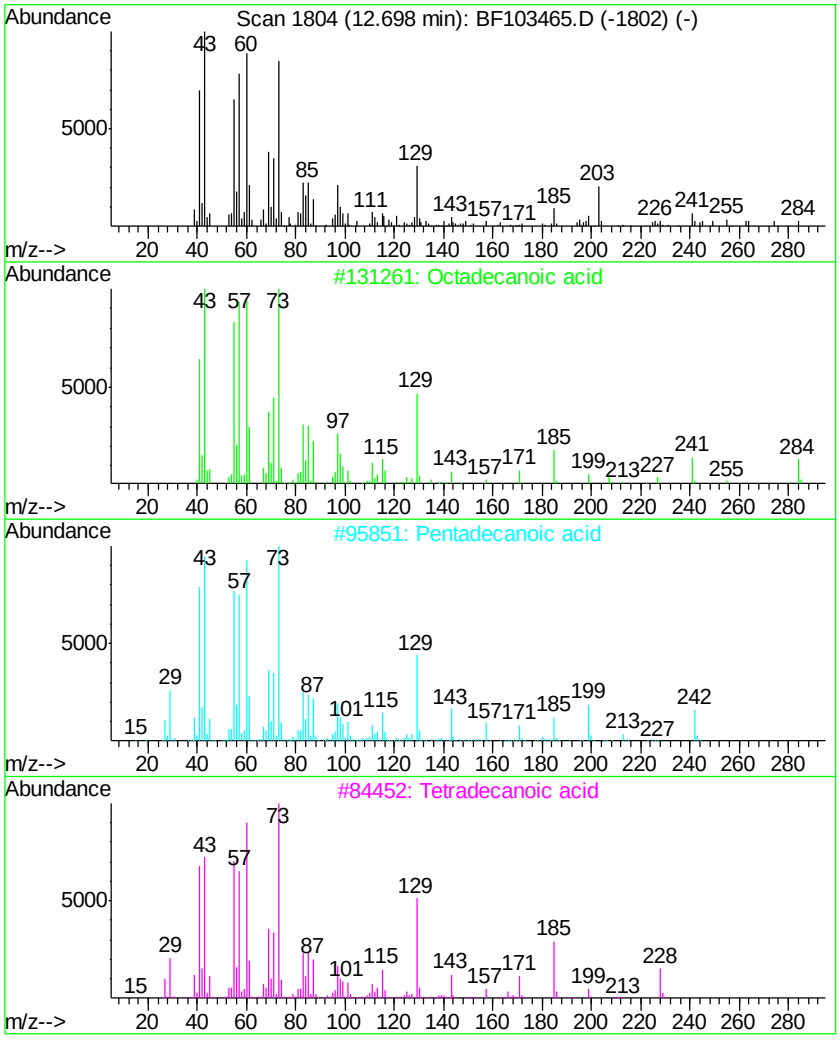
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

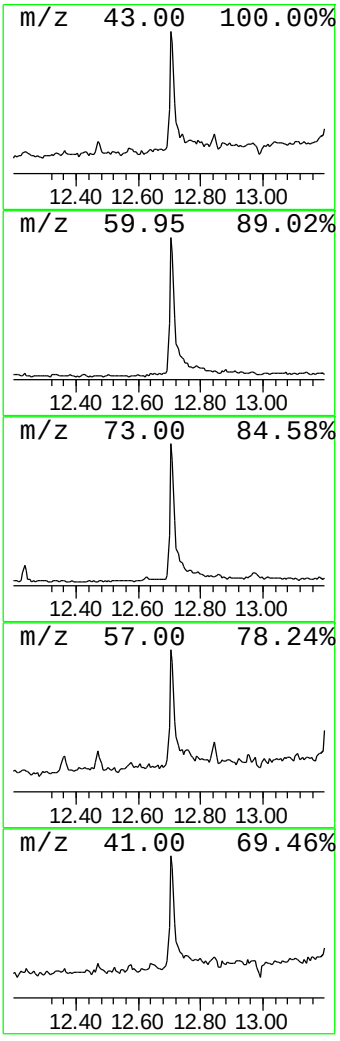
****

Peak Number 10 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.91 ng	459609	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86





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Operator : SJ/JU
Sample : J1722-03
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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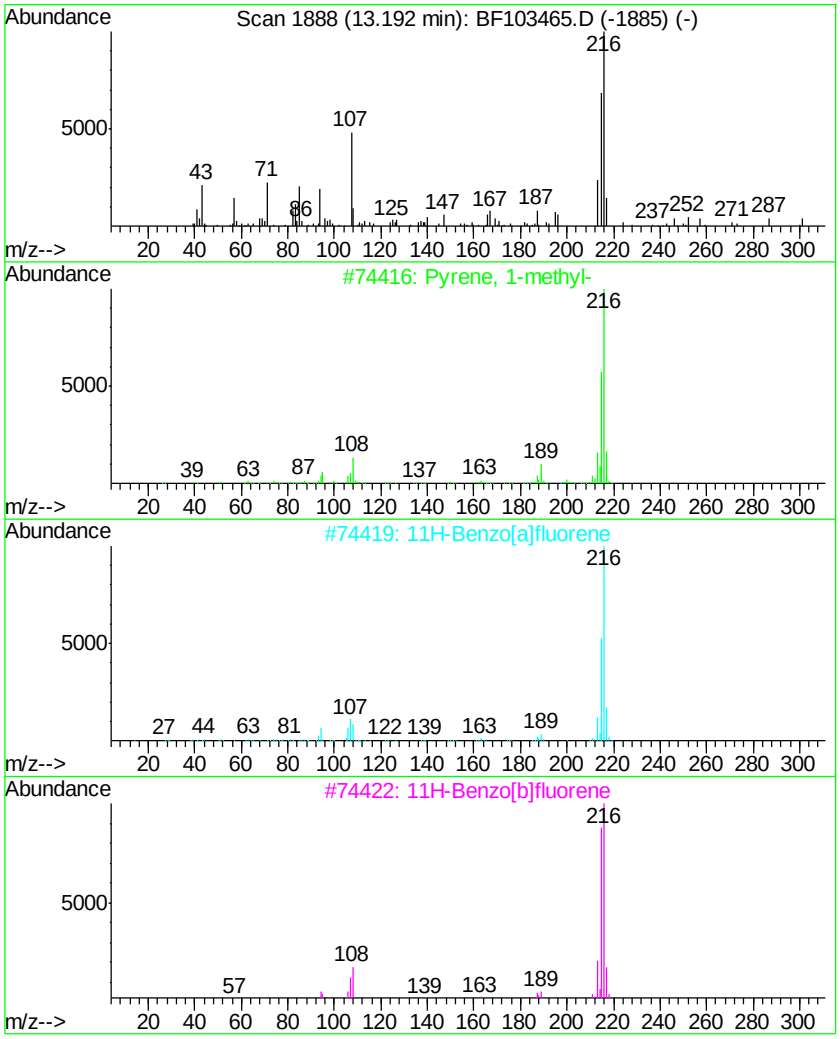
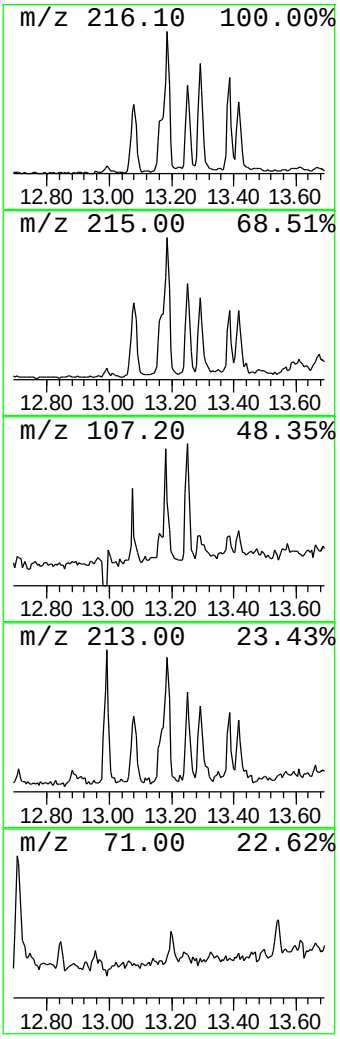
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.03 ng	132682	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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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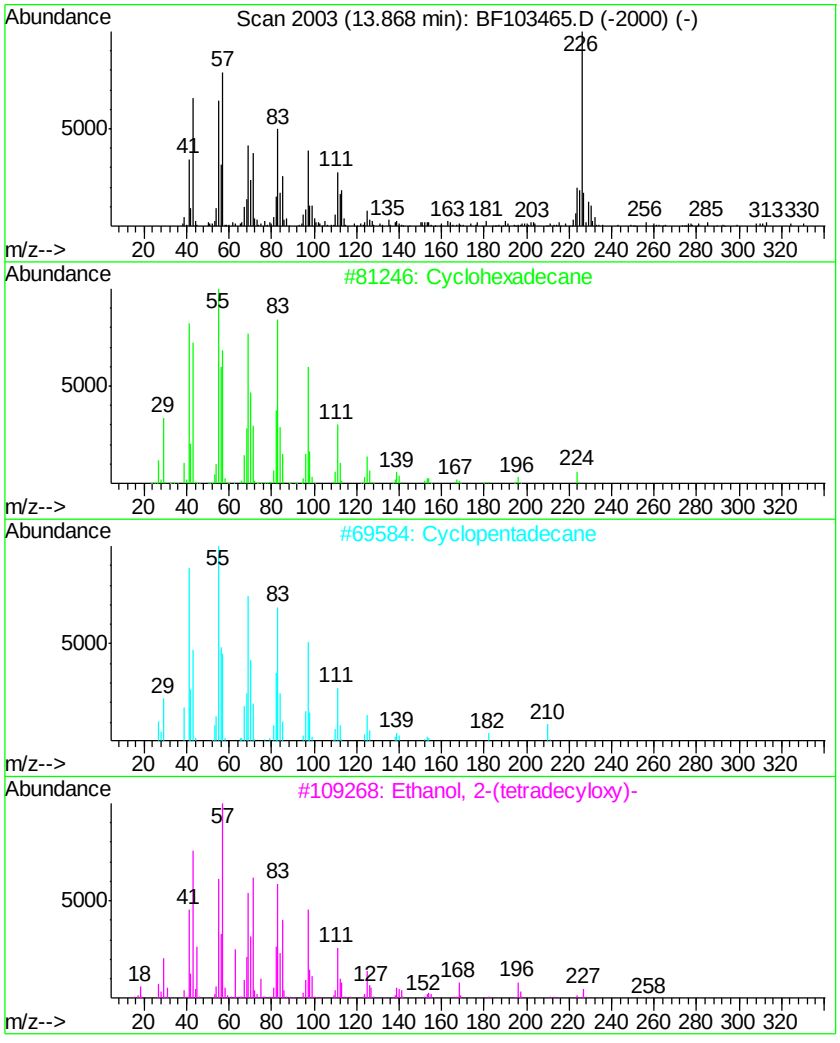
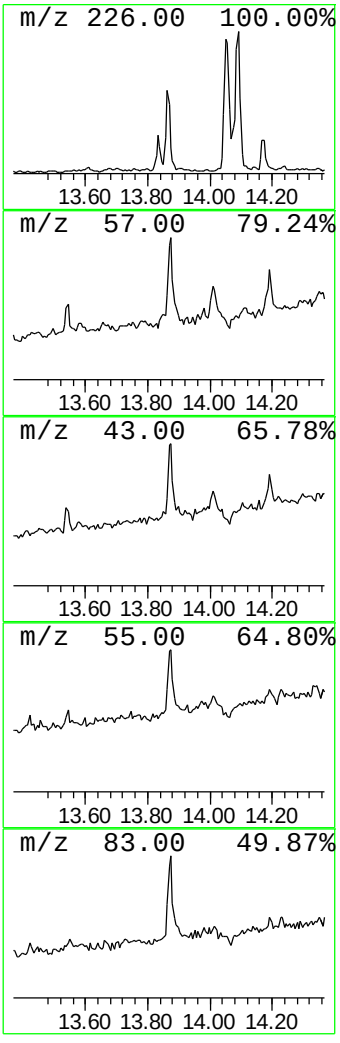
Peak Number 12 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.60 ng	300275	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	72
2	Cyclopentadecane	210	C15H30	000295-48-7	64
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	60
5	1-Hentetracontanol	593	C41H84O	040710-42-7	58





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
Operator : SJ/JU
Sample : J1722-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-21

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
Butane, 2-methoxy...	2.12	3.9	ng	191403	1	6.87	995388	20.0
unknown6.65	6.65	66.4	ng	3305680	1	6.87	995388	20.0
Hexadecane	9.82	2.5	ng	163222	3	9.91	1285790	20.0
Heneicosane	10.80	4.5	ng	261438	4	11.41	1162510	20.0
n-Hexadecanoic acid	11.92	13.6	ng	791988	4	11.41	1162510	20.0
4H-Cyclopenta[def...	12.02	3.1	ng	177725	4	11.41	1162510	20.0
Phenanthrene, 2,5...	12.46	2.4	ng	139896	4	11.41	1162510	20.0
Octadecanoic acid	12.70	7.9	ng	459609	4	11.41	1162510	20.0
Pyrene, 1-methyl-	13.19	2.0	ng	132682	5	14.06	1304260	20.0
Cyclohexadecane	13.87	4.6	ng	300275	5	14.06	1304260	20.0