LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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	2.128	3	7	15	rVB	172700	231103	6.86%	0.749%
2	5.104	510	513	525	rBV	49258	83871	2.49%	0.272%
3	5.498	576	580	609	rBV	2309881	3295784	97.90%	10.683%
4	6.510	748	752	771	rBV	2435943	3366566	100.00%	10.912%
5	6.645	771	775	802	rVB	2822826	3303994	98.14%	10.709%
6	6.869	810	813	829	rBV	837346	929720	27.62%	3.014%
7	7.022	836	839	855	rBV	2049857	2377476	70.62%	7.706%
8	7.439	906	910	933	rBV	1613680	2216927	65.85%	7.186%
9	8.151	1028	1031	1052	rBV	808730	1191828	35.40%	3.863%
10	9.228	1210	1214	1223	rBV	2738655	2792771	82.96%	9.052%
11	9.292	1223	1225	1229	rVB	73909	70887	2.11%	0.230%
12	9.622	1275	1281	1287	rBV2	122954	182410	5.42%	0.591%
13	9.775	1300	1307	1311	rBV3	32101	59865	1.78%	0.194%
14	9.822	1311	1315	1319	rVV	130269	120556	3.58%	0.391%
15	9.910	1327	1330	1334	rBV	1065886	1097612	32.60%	3.558%
16	10.116	1362	1365	1368	rBV2	26506	41801	1.24%	0.135%
17	10.145	1368	1370	1374	rVB3	34016	41091	1.22%	0.133%
18	10.322	1393	1400	1404	rBV	171423	173452	5.15%	0.562%
19	10.469	1422	1425	1432	rVB	33878	41404	1.23%	0.134%
20	10.545	1433	1438	1440	rBV2	51221	65301	1.94%	0.212%
21	10.710	1462	1466	1478	rBV	973829	1219971	36.24%	3.954%
22	10.798	1478	1481	1491	rVB2	131136	209444	6.22%	0.679%
23	10.875	1491	1494	1496	rBV	48410	50178	1.49%	0.163%
24	10.904	1496	1499	1503	rVB2	38655	54178	1.61%	0.176%
25	10.945	1503	1506	1509	rBV3	53464	67632	2.01%	0.219%
26	11.245	1555	1557	1560	rBV2	58037	51017	1.52%	0.165%
27	11.404	1581	1584	1587	rBV	926898	952788	28.30%	3.088%
28	11.427	1587	1588	1595	rVV	383340	365638	10.86%	1.185%
29	11.486	1595	1598	1602	rVB	89798	87001	2.58%	0.282%
30	11.651	1623	1626	1628	rBV	37198	34833	1.03%	0.113%
31	11.916	1667	1671	1673	rBV2	132723	151676	4.51%	0.492%
32	11.939	1673	1675	1679	rVB2	82674	85494	2.54%	0.277%
33	12.022	1686	1689	1692	rBV	77830	96558	2.87%	0.313%
34	12.204	1717	1720	1723	rBV2	37686	37187	1.10%	0.121%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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	12.457	1760	1763	1767	rBV2	56876	79903	2.37%	0.259%
36	12.627	1788	1792	1800	rBV	673248	698181	20.74%	2.263%
37	12.704	1802	1805	1811	rVV4	94305	123811	3.68%	0.401%
38	12.857	1825	1831	1837	rBV	646561	761053	22.61%	2.467%
39	12.910	1837	1840	1846	rVB2	42981	57505	1.71%	0.186%
40	12.992	1850	1854	1857	rBV	1789141	1669745	49.60%	5.412%
41	13.186	1885	1887	1892	rVB2	83499	99955	2.97%	0.324%
42	13.251	1896	1898	1901	rBV	52139	40479	1.20%	0.131%
43	13.868	2000	2003	2008	rBV4	140213	186052	5.53%	0.603%
44	14.010	2024	2027	2030	rBV	220326	183024	5.44%	0.593%
45	14.063	2031	2036	2039	rVV2	831813	1038133	30.84%	3.365%
46	14.086	2039	2040	2047	rVB	262145	233426	6.93%	0.757%
47	15.133	2215	2218	2220	rBV	130449	164096	4.87%	0.532%
48	15.574	2290	2293	2297	rVB	285830	367822	10.93%	1.192%

Sum of corrected areas: 30851199

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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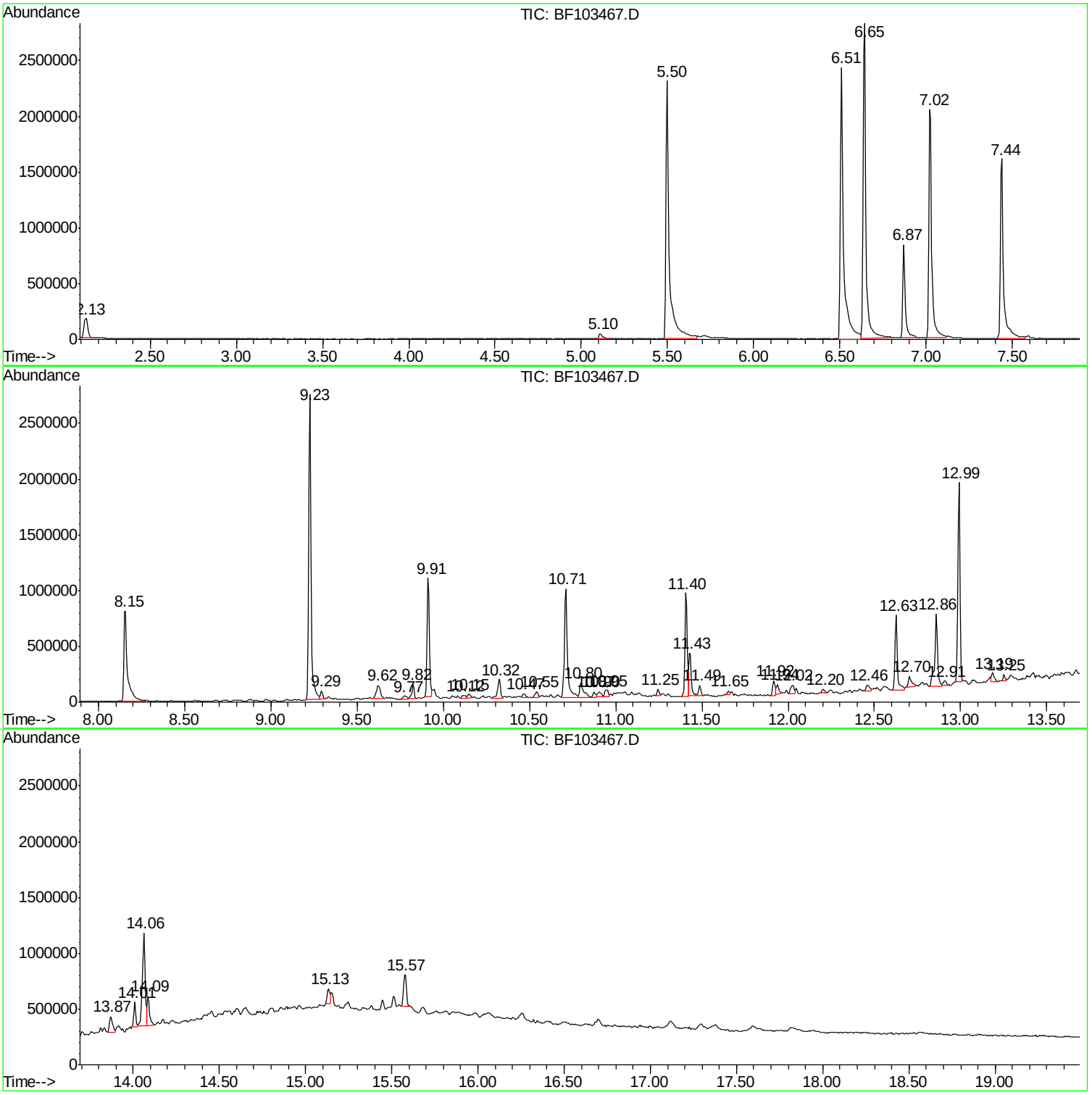
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5

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 : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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

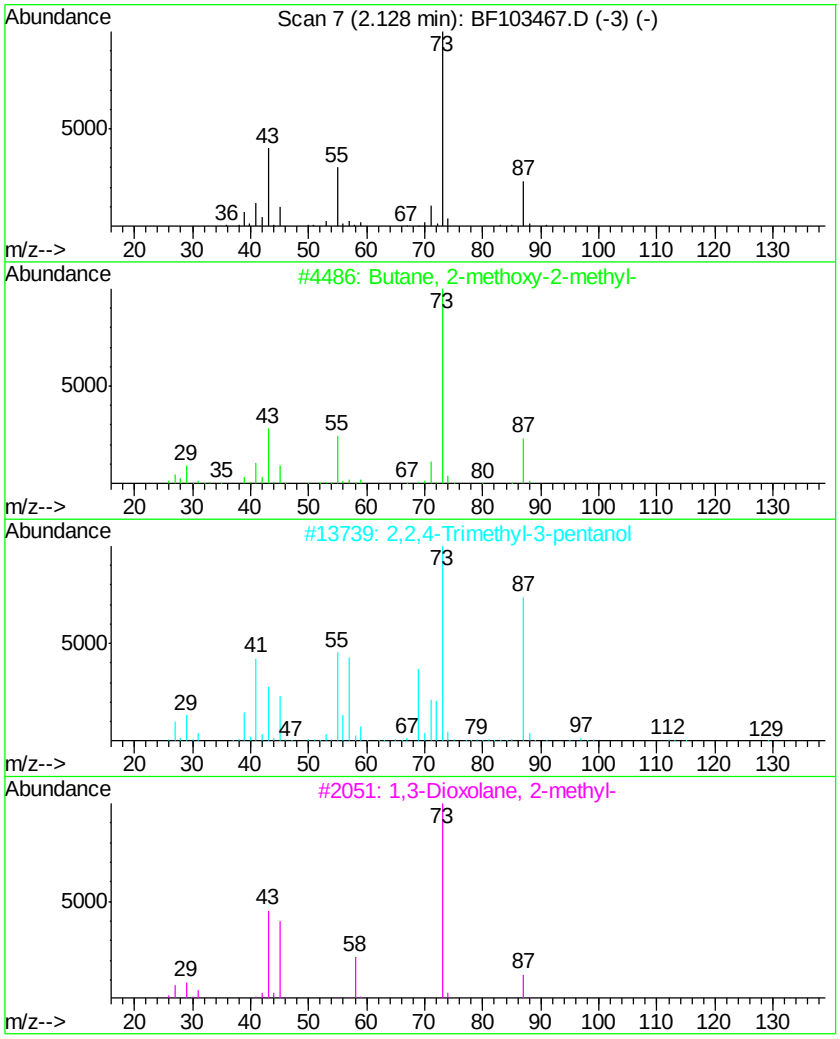
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

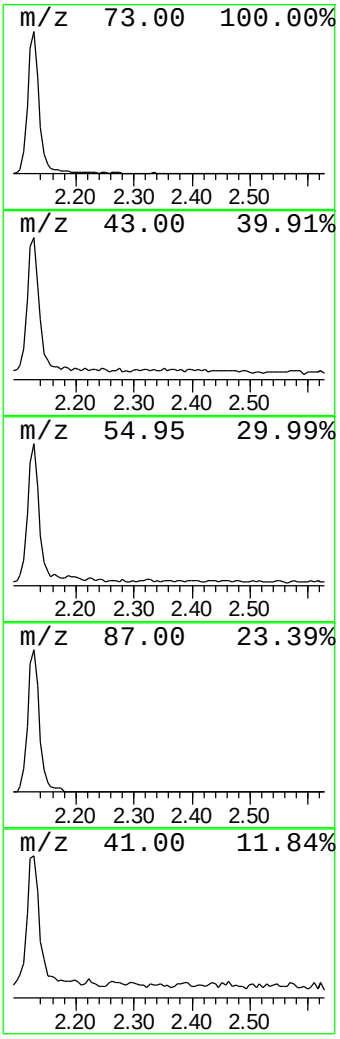
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.97 ng	231103	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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

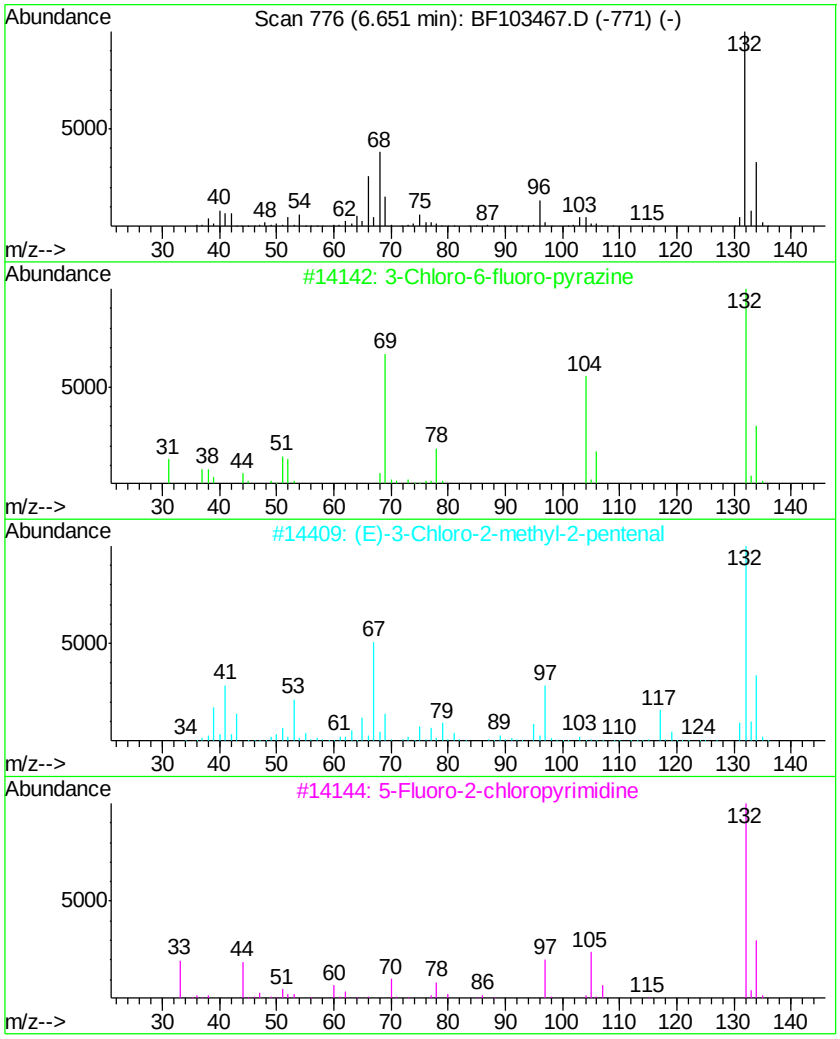
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

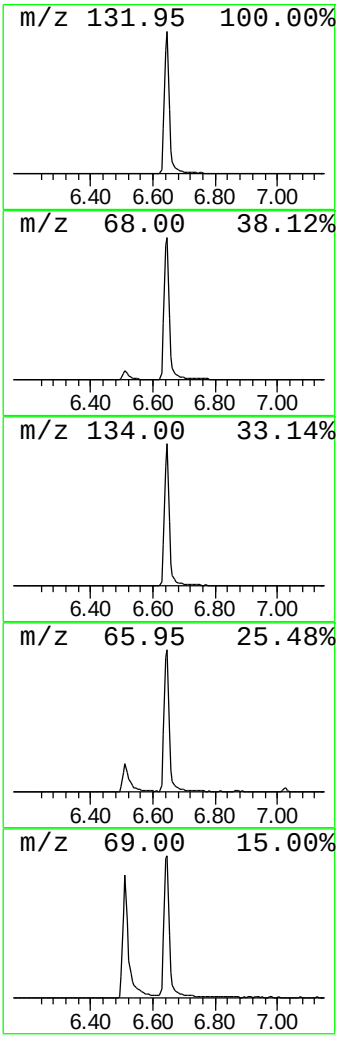
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.08 ng	3303990	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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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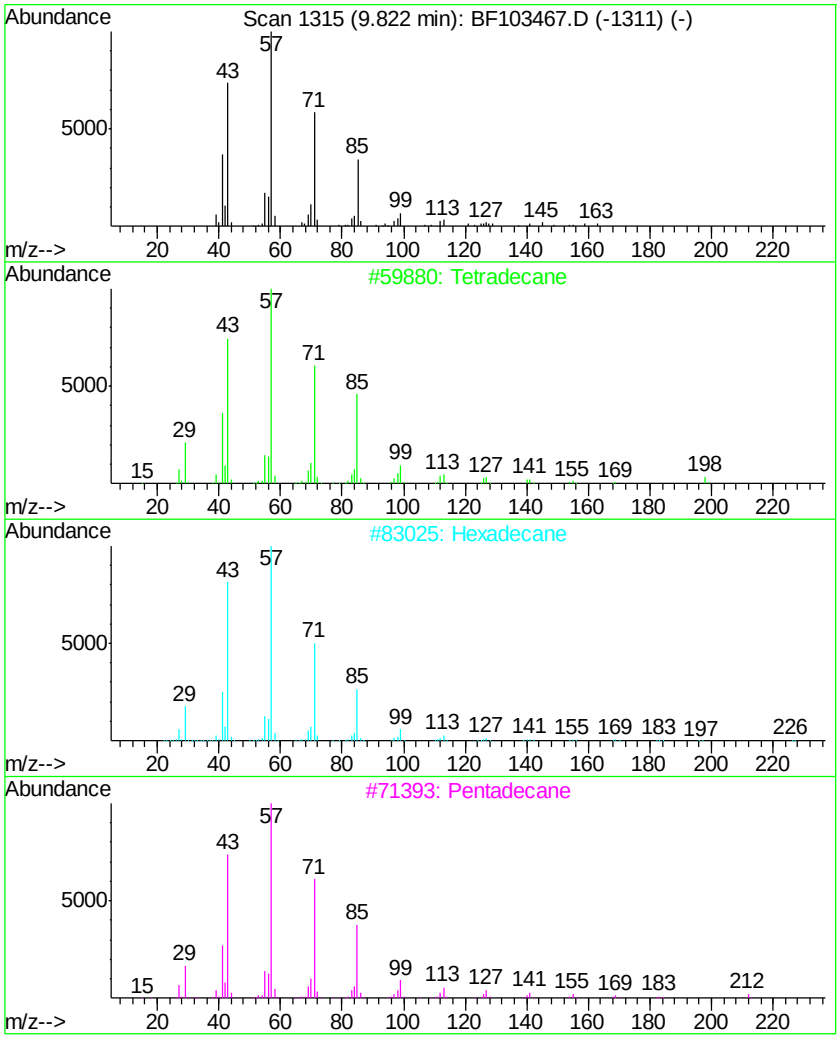
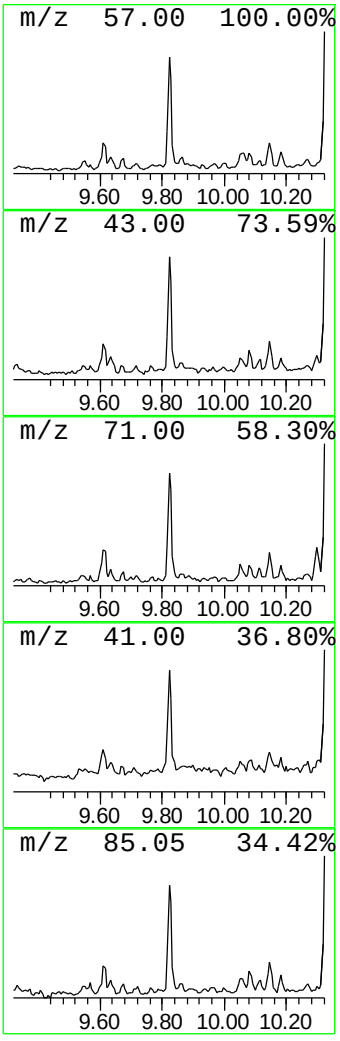
Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.20 ng	120556	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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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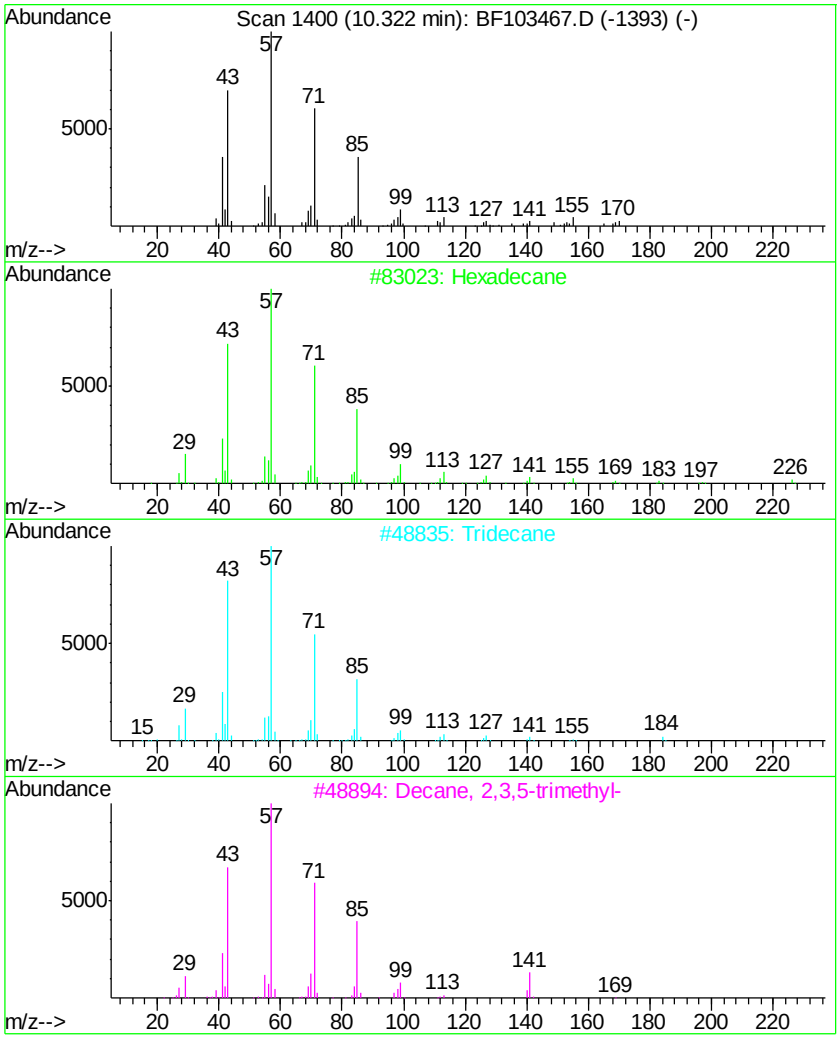
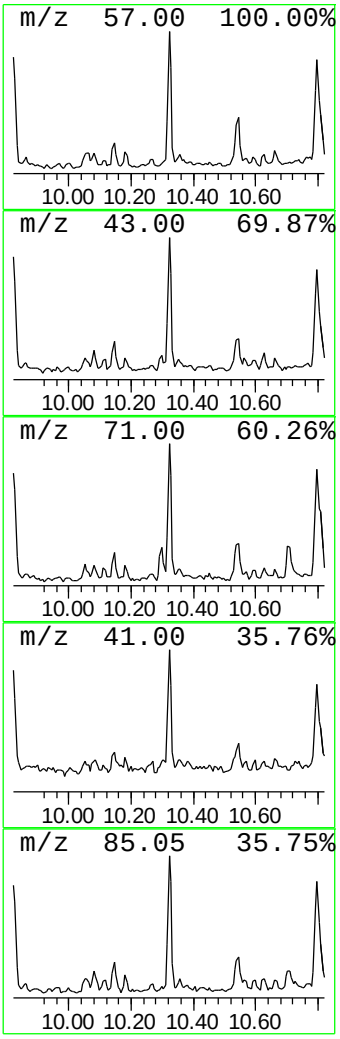
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.16 ng	173452	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	5-Ethyldecane	170	C12H26	017302-36-2	74
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





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Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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

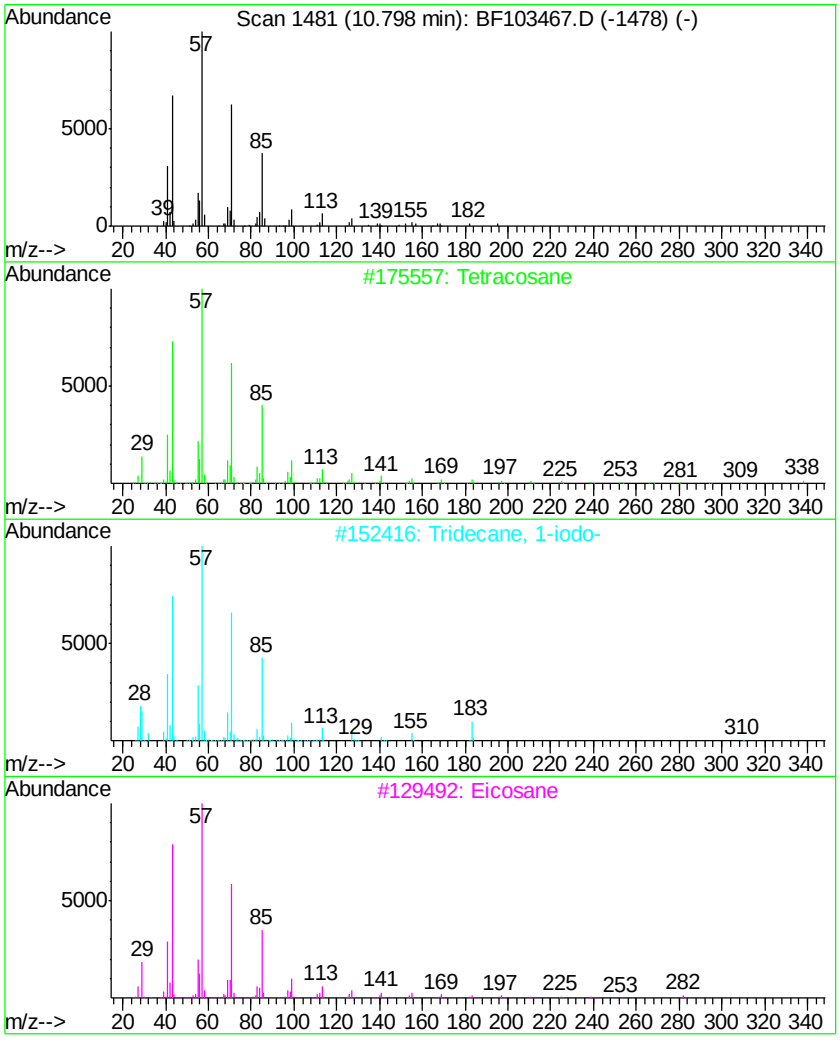
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

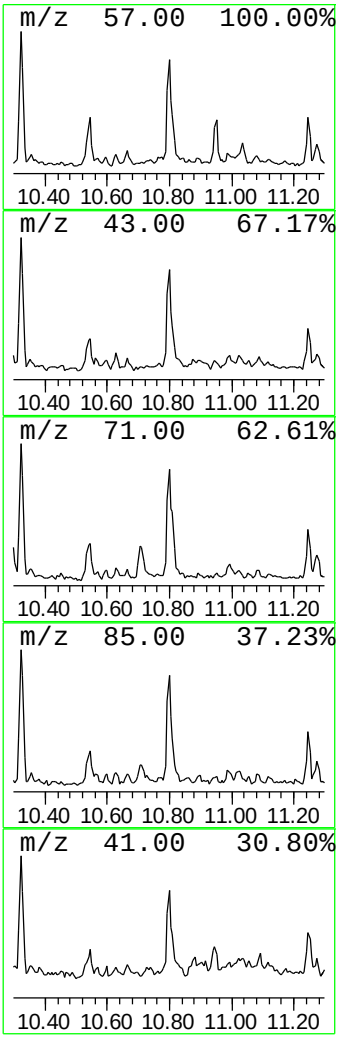
****

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.40 ng	209444	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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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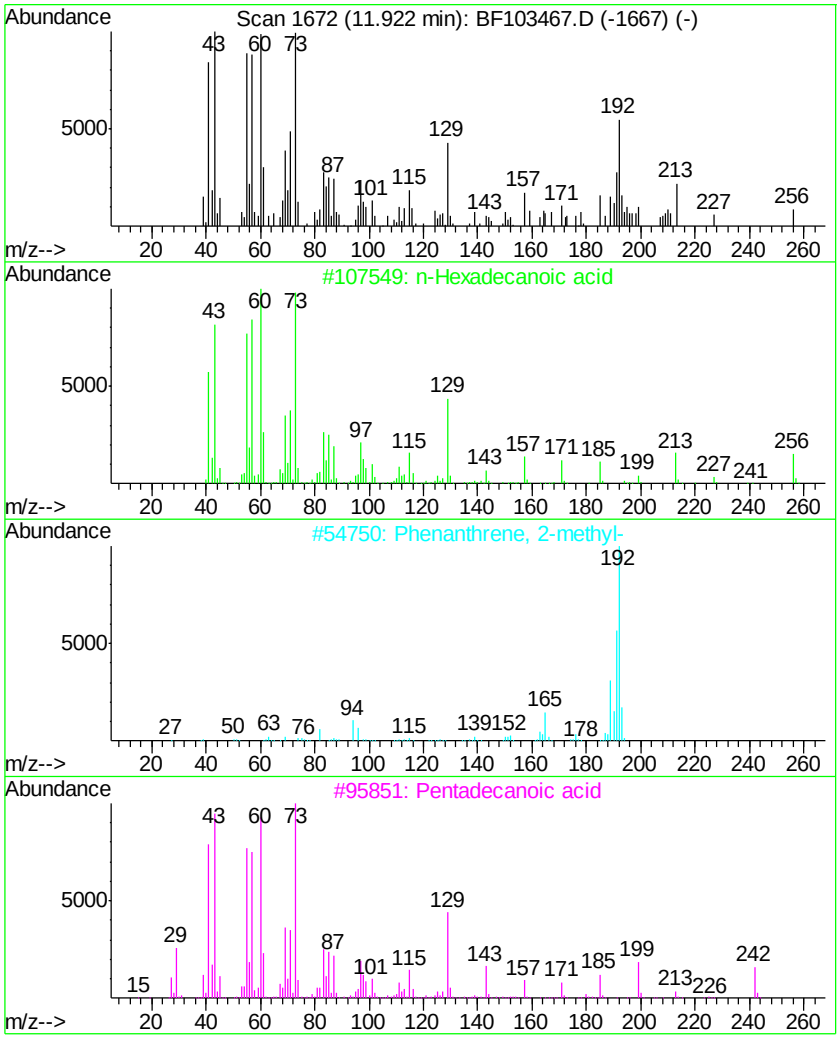
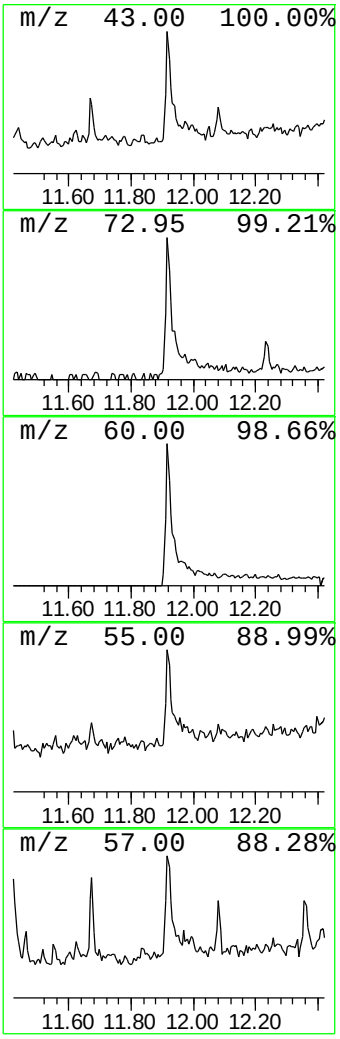
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.18 ng	151676	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	51
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-5

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

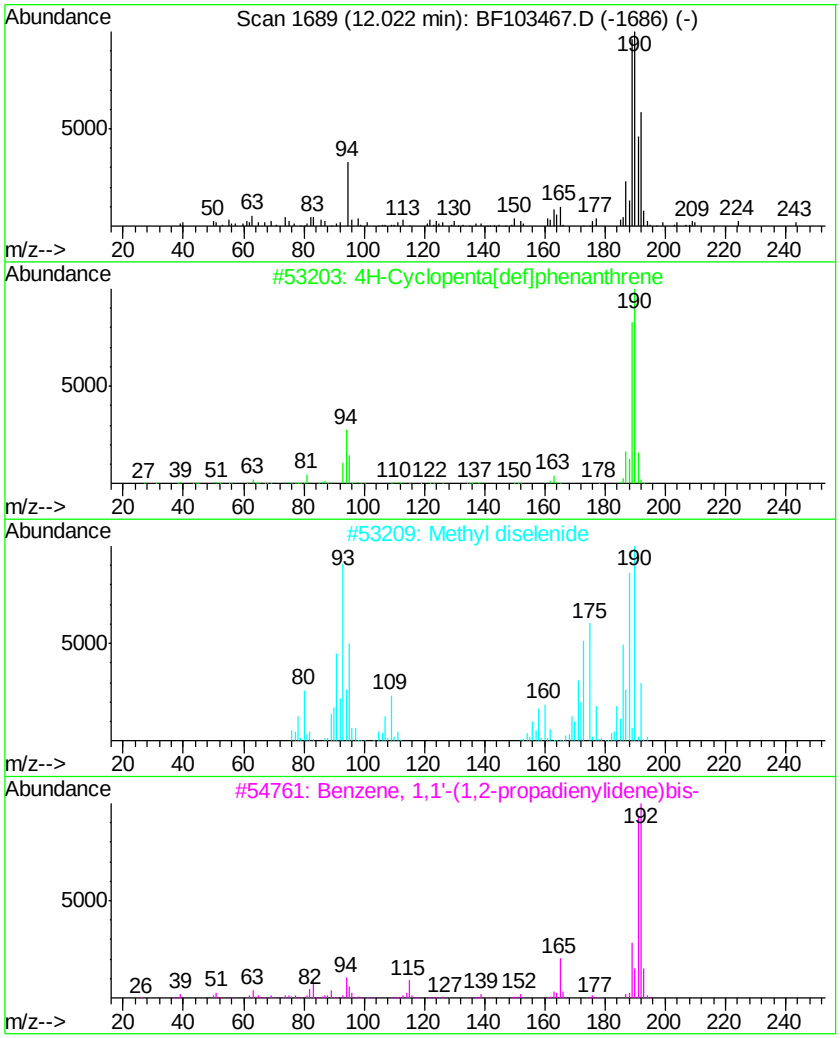
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

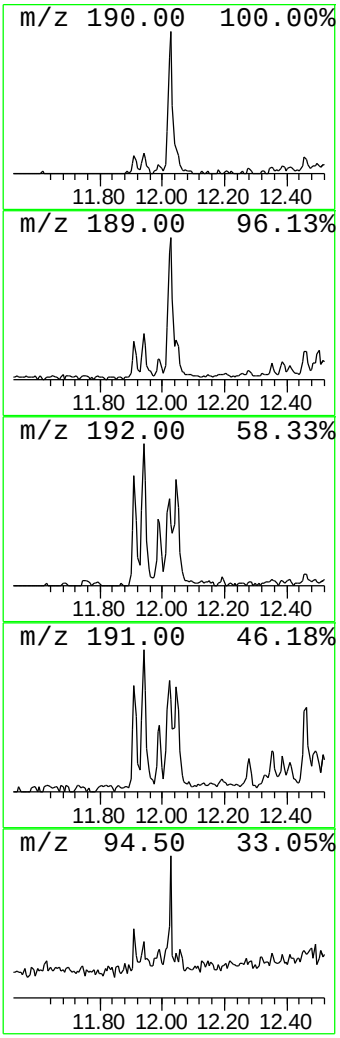
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.03 ng	96558	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	14





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Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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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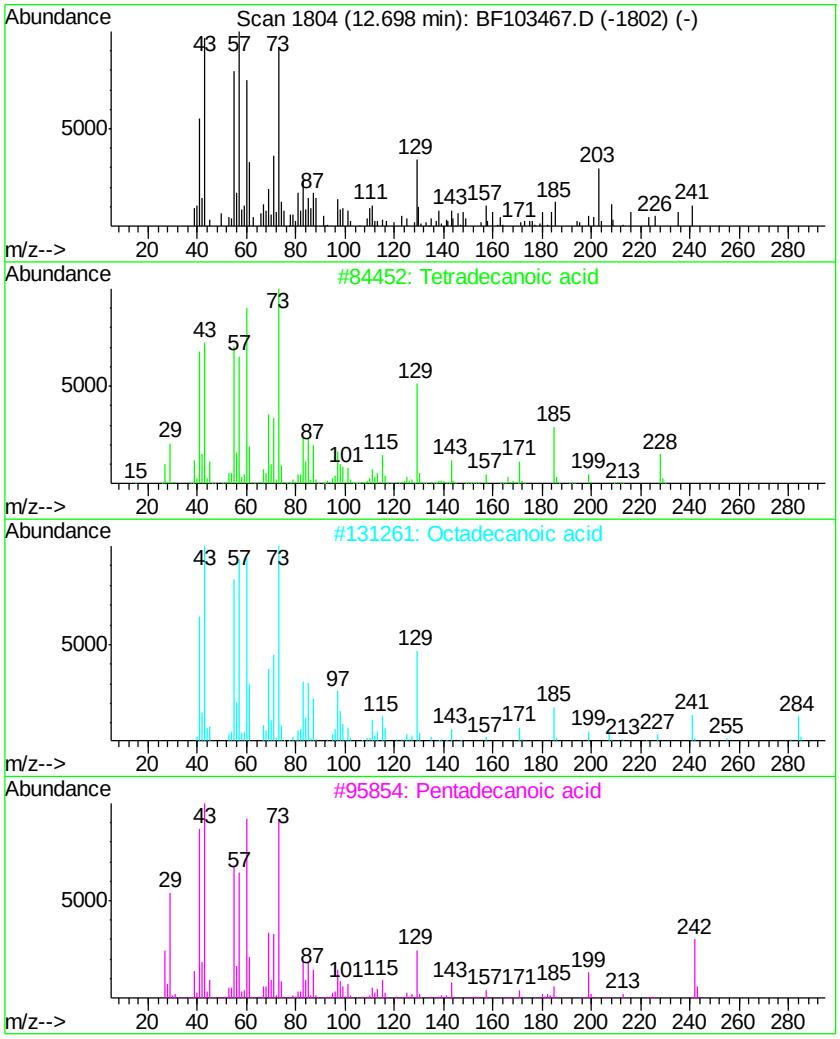
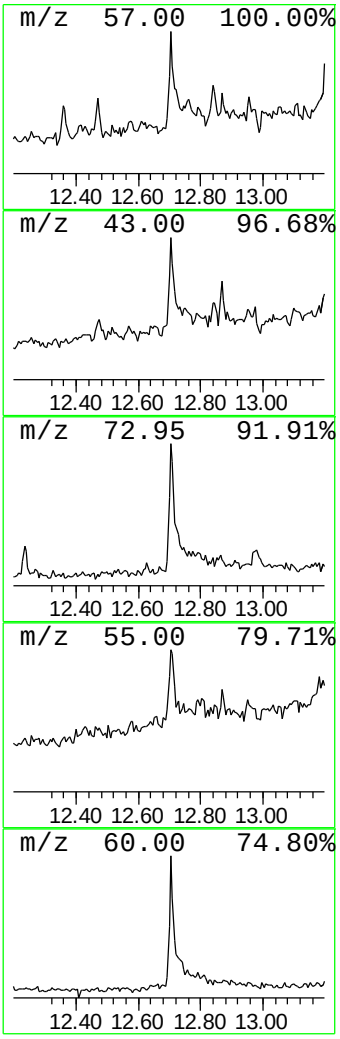
Peak Number 9 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.60 ng	123811	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





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Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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

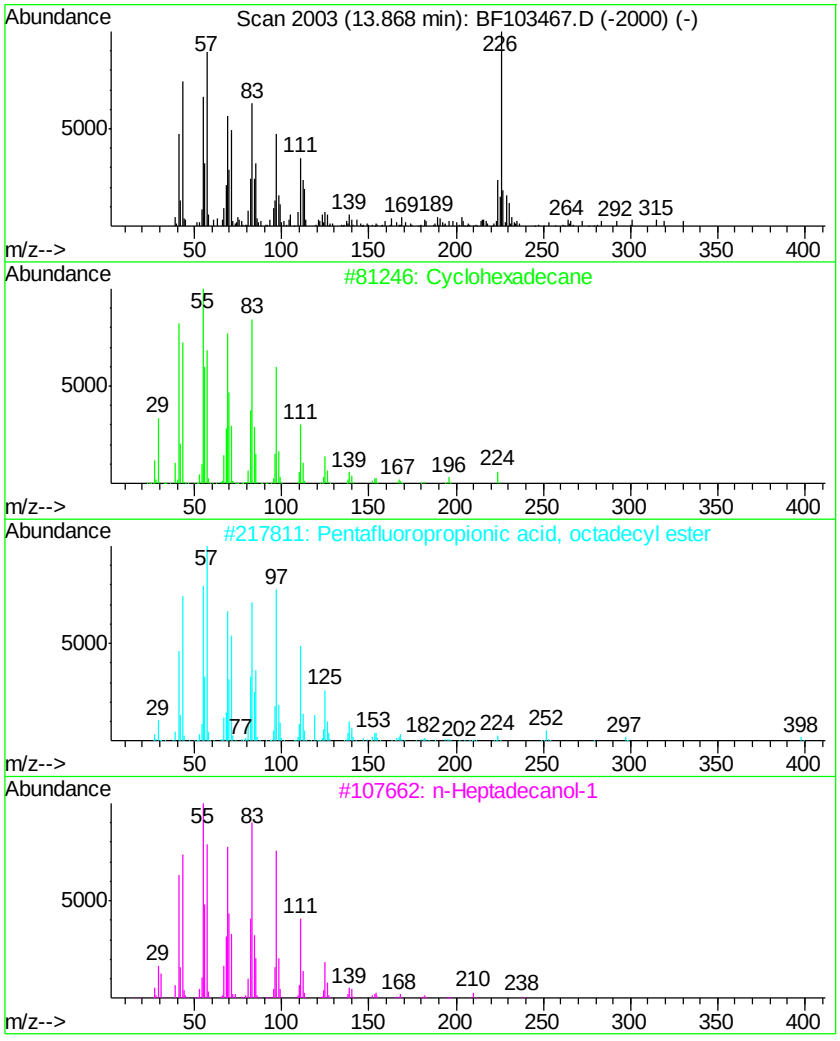
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

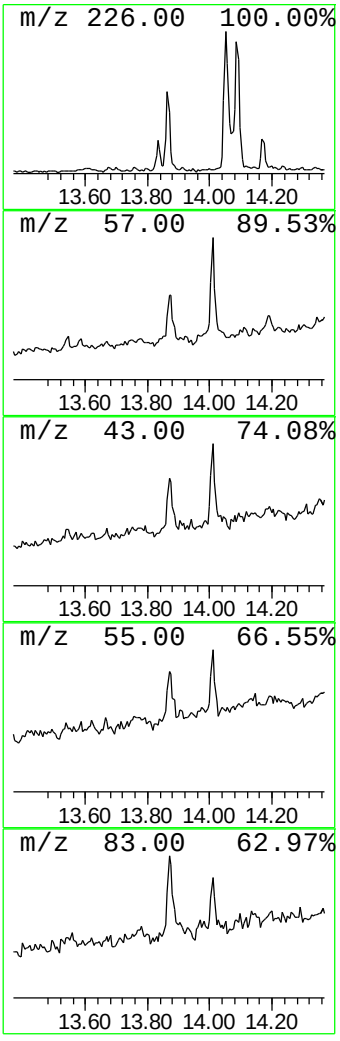
****

Peak Number 10 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.58 ng	186052	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	70
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	50
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	46
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	46
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	45





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103467.D
Acq On : 6 Mar 2018 20:36
Operator : SJ/JU
Sample : J1722-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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...	2.13	5.0	ng	231103	1	6.87	929720	20.0
unknown6.65	6.65	71.1	ng	3303990	1	6.87	929720	20.0
Tetradecane	9.82	2.2	ng	120556	3	9.91	1097610	20.0
Hexadecane	10.32	3.2	ng	173452	3	9.91	1097610	20.0
Tetracosane	10.80	4.4	ng	209444	4	11.40	952788	20.0
n-Hexadecanoic acid	11.92	3.2	ng	151676	4	11.40	952788	20.0
4H-Cyclopenta[def...	12.02	2.0	ng	96558	4	11.40	952788	20.0
Tetradecanoic acid	12.70	2.6	ng	123811	4	11.40	952788	20.0
Cyclohexadecane	13.87	3.6	ng	186052	5	14.06	1038130	20.0