LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF020318.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	2.152	7	11	21	rVB	391309	554599	15.64%	1.551%
2	5.110	511	514	522	rVB	97271	125042	3.53%	0.350%
3	5.504	576	581	584	rBV	3608205	3546571	100.00%	9.921%
4	6.516	747	753	767	rBV	3153027	3531507	99.58%	9.879%
5	6.657	772	777	780	rBV	3714841	3437797	96.93%	9.617%
6	6.887	812	816	819	rBV	1365815	1086565	30.64%	3.039%
7	7.045	838	843	846	rBV	2694454	2581551	72.79%	7.221%
8	7.445	906	911	914	rBV	2385515	2268700	63.97%	6.346%
9	8.169	1030	1034	1037	rBV	1623109	1289978	36.37%	3.609%
10	9.239	1212	1216	1220	rBV	2965114	2835557	79.95%	7.932%
11	9.633	1280	1283	1286	rBV	218720	187765	5.29%	0.525%
12	9.845	1312	1319	1323	rBV	125261	109181	3.08%	0.305%
13	9.928	1329	1333	1336	rBV	1296870	1226071	34.57%	3.430%
14	9.957	1336	1338	1341	rVB	91149	68141	1.92%	0.191%
15	10.345	1401	1404	1407	rVB	164009	122278	3.45%	0.342%
16	10.475	1423	1426	1430	rVB	35686	36941	1.04%	0.103%
17	10.563	1435	1441	1447	rBV	46627	69958	1.97%	0.196%
18	10.716	1463	1467	1477	rBV	1615279	1607973	45.34%	4.498%
19	10.822	1482	1485	1494	rVB	155360	190033	5.36%	0.532%
20	11.269	1557	1561	1564	rBV	97257	78827	2.22%	0.221%
21	11.416	1582	1586	1588	rBV	1156139	1091966	30.79%	3.055%
22	11.439	1588	1590	1593	rVV	492642	418338	11.80%	1.170%
23	11.486	1595	1598	1602	rVB	129125	110577	3.12%	0.309%
24	11.645	1617	1625	1628	rBV2	47945	65544	1.85%	0.183%
25	11.816	1650	1654	1659	rVB	266399	250447	7.06%	0.701%
26	11.939	1666	1675	1679	rBV2	73927	167698	4.73%	0.469%
27	12.027	1686	1690	1692	rBV	91335	87840	2.48%	0.246%
28	12.627	1788	1792	1796	rBV	874238	720129	20.30%	2.014%
29	12.810	1820	1823	1825	rVB	53619	43184	1.22%	0.121%
30	12.857	1825	1831	1834	rBV	700181	742482	20.94%	2.077%
31	12.904	1837	1839	1846	rVB2	33182	40538	1.14%	0.113%
32	12.998	1848	1855	1858	rBV	2309400	2177396	61.39%	6.091%
33	13.074	1863	1868	1871	rBV4	32739	57606	1.62%	0.161%
34	13.186	1884	1887	1890	rVB	92242	86181	2.43%	0.241%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.251	1895	1898	1900	rBV	79107	64285	1.81%	0.180%
36	13.286	1901	1904	1907	rBV2	44806	43220	1.22%	0.121%
37	13.421	1923	1927	1931	rBV4	23782	44062	1.24%	0.123%
38	13.469	1931	1935	1937	rBV4	29043	38784	1.09%	0.108%
39	13.521	1941	1944	1947	rBV3	32744	44522	1.26%	0.125%
40	13.804	1989	1992	1995	rBV2	57138	64994	1.83%	0.182%
41	13.880	2002	2005	2012	rVB4	235560	294287	8.30%	0.823%
42	14.057	2027	2035	2037	rBV2	1116895	1450321	40.89%	4.057%
43	14.080	2037	2039	2046	rVB	376910	315286	8.89%	0.882%
44	14.157	2050	2052	2056	rVB	65760	65608	1.85%	0.184%
45	14.510	2110	2112	2115	rBV3	65198	74723	2.11%	0.209%
46	15.104	2209	2213	2216	rBV	279299	432651	12.20%	1.210%
47	15.163	2220	2223	2228	rVB2	104156	123943	3.49%	0.347%
48	15.415	2262	2266	2271	rVB	154482	218102	6.15%	0.610%
49	15.474	2273	2276	2282	rVB	227772	283560	8.00%	0.793%
50	15.545	2283	2288	2292	rBV	708427	974804	27.49%	2.727%
51	15.998	2361	2365	2369	rBV	143834	200122	5.64%	0.560%

Sum of corrected areas: 35748235

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Instrument : BNA_F
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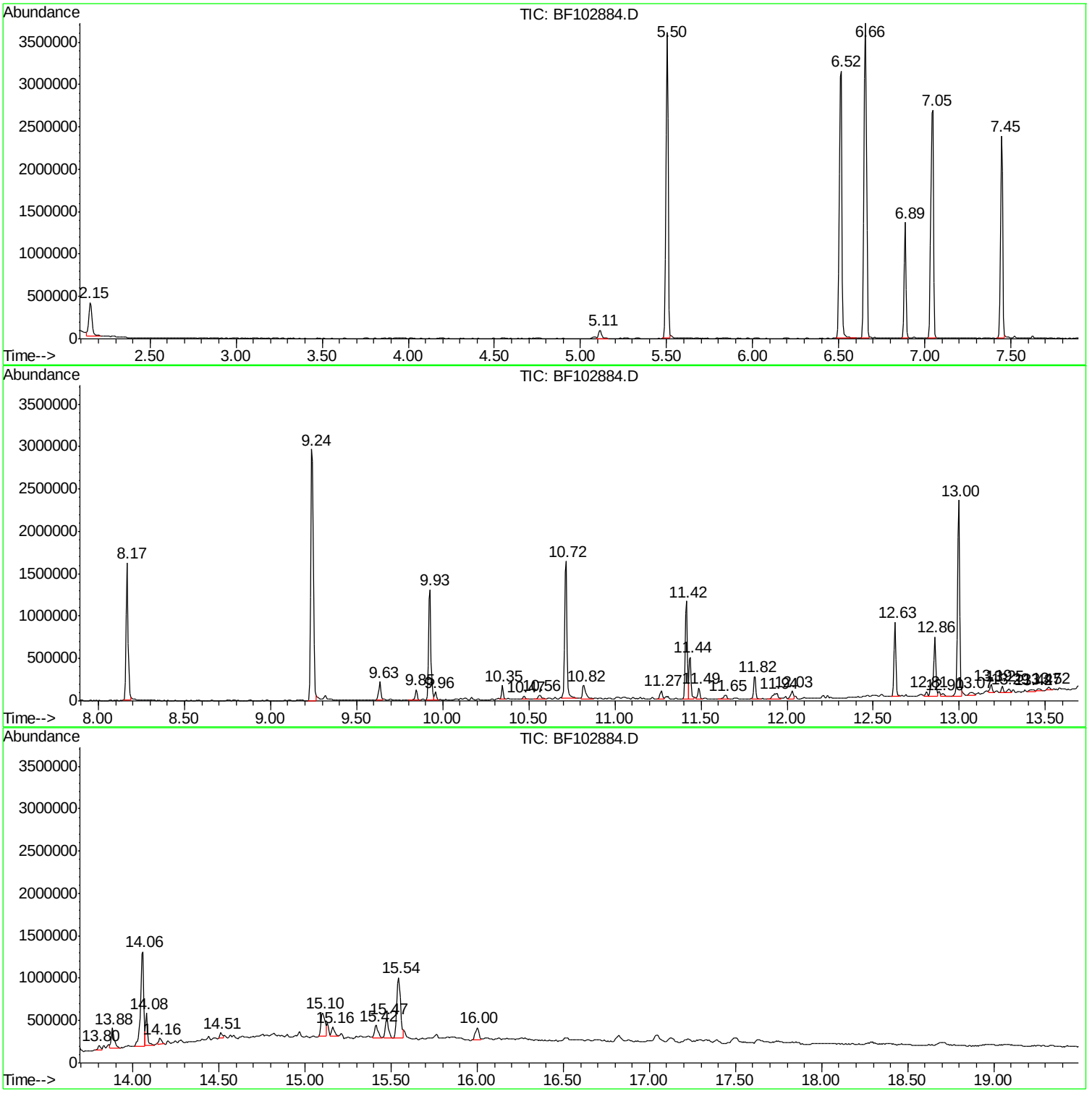
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

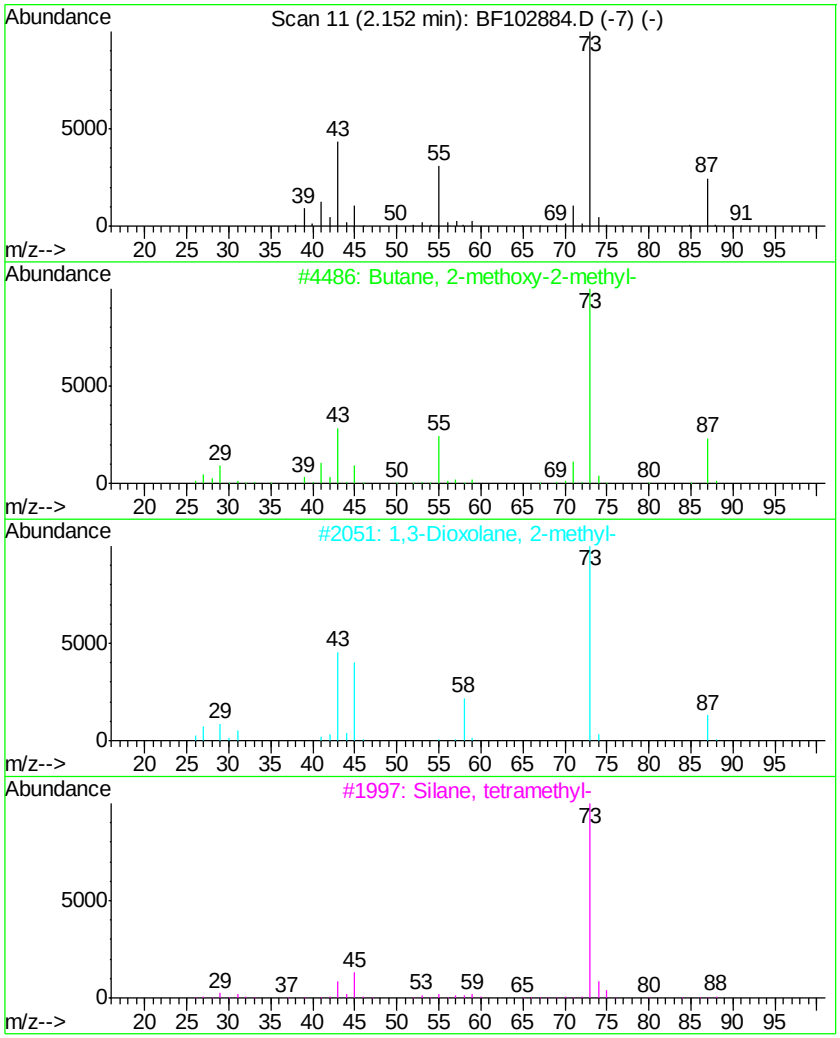
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

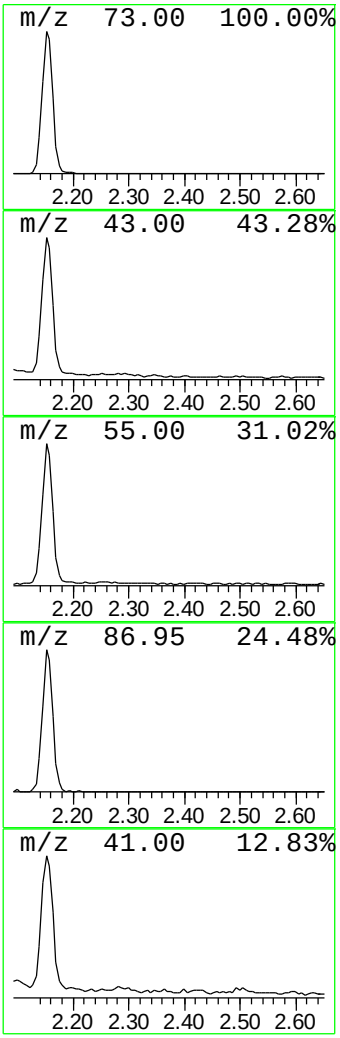
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	10.21 ng	554599	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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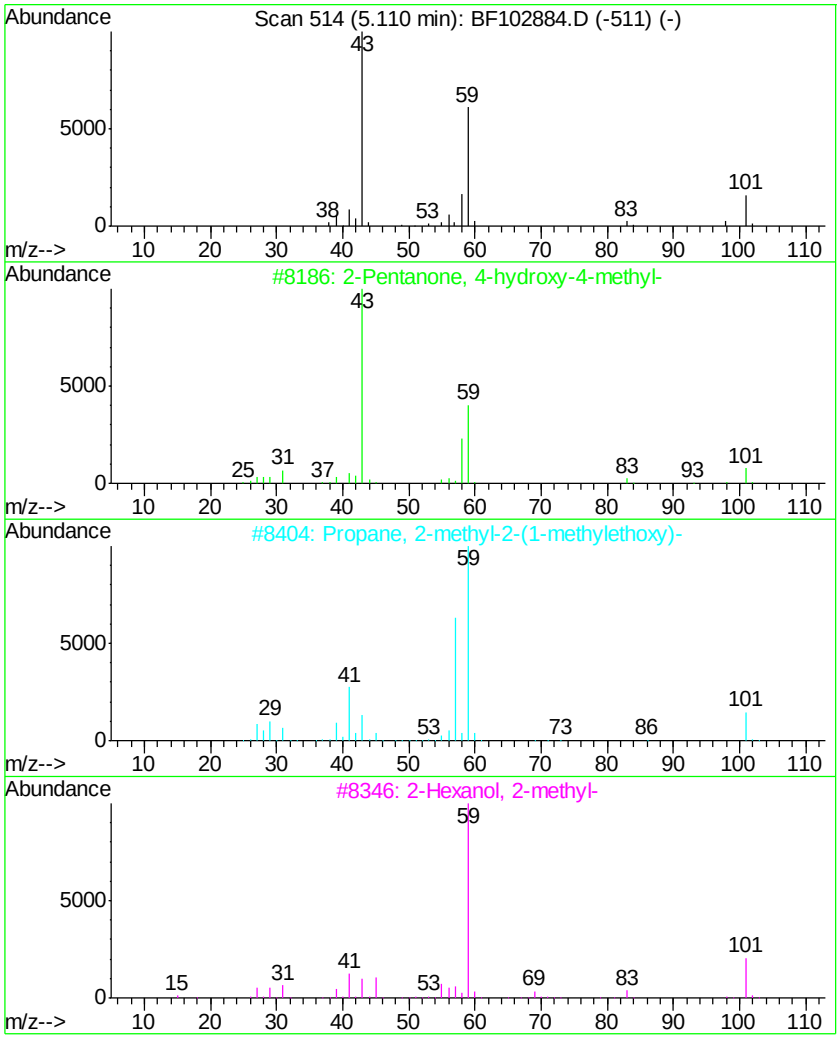
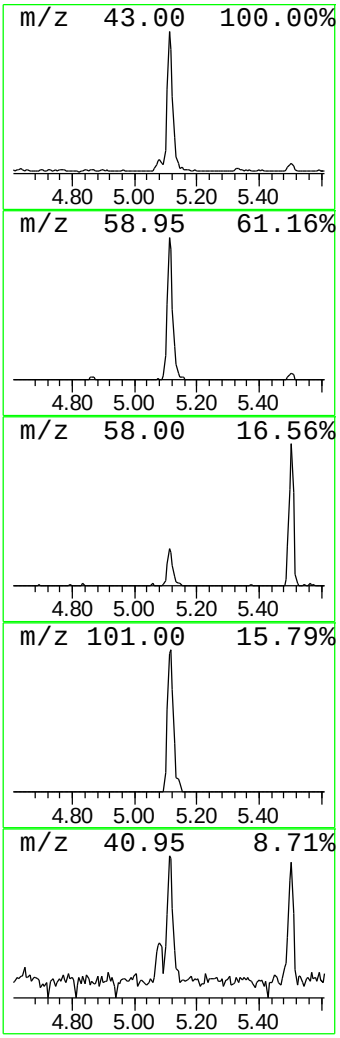
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.30 ng	125042	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Octanol	130	C8H18O	000589-98-0	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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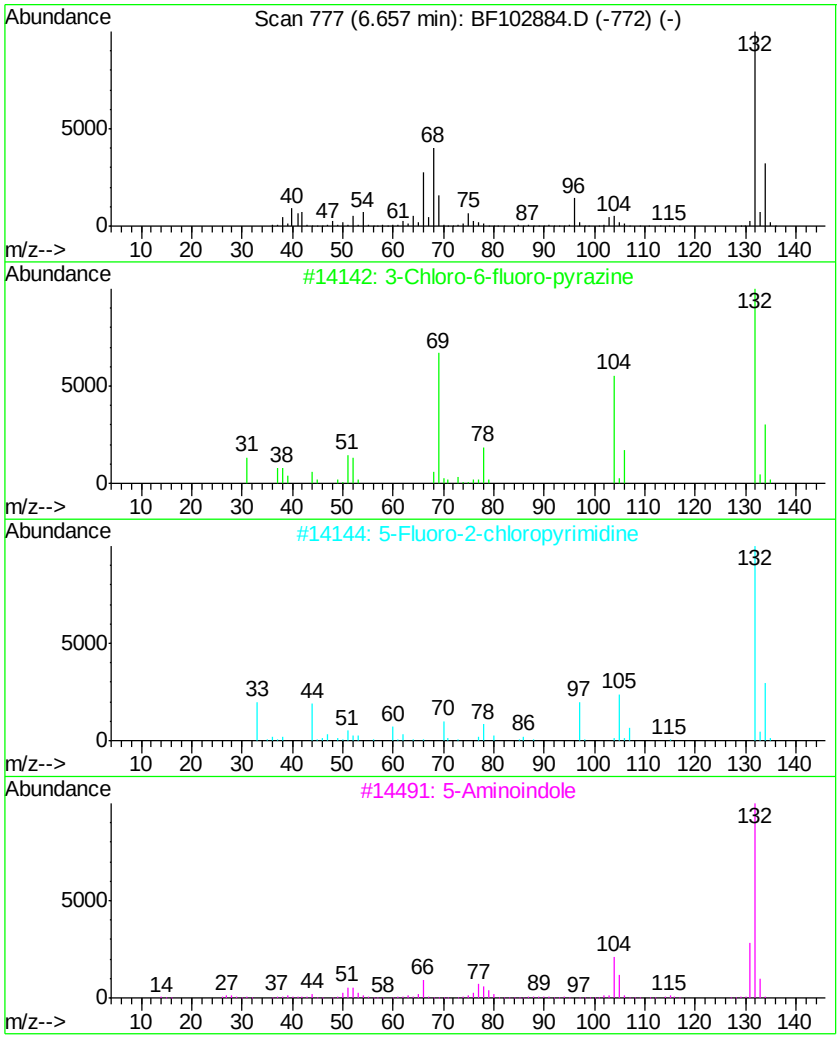
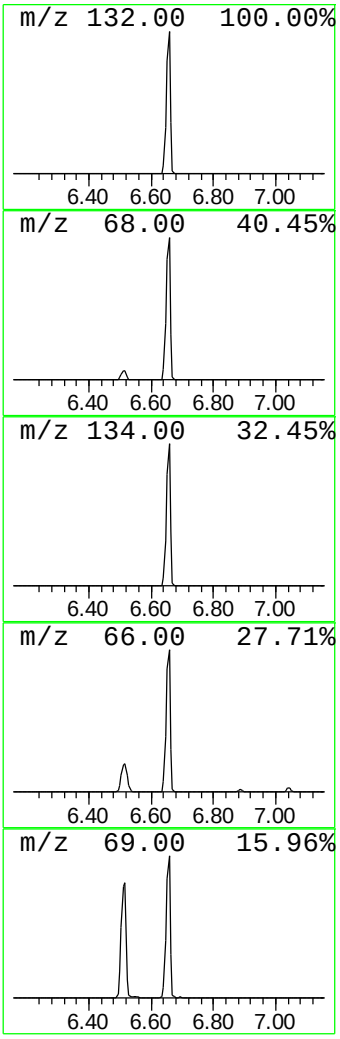
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	63.28 ng	3437800	1,4-Dichlorobenzene-d4	6.89

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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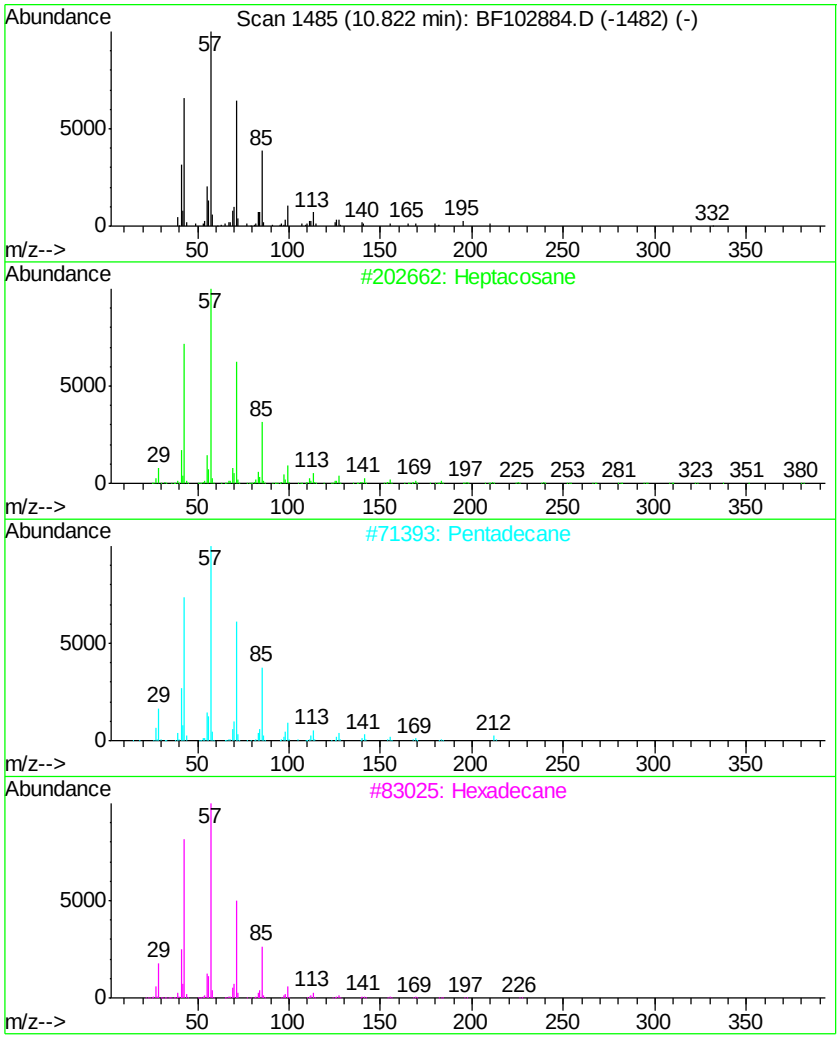
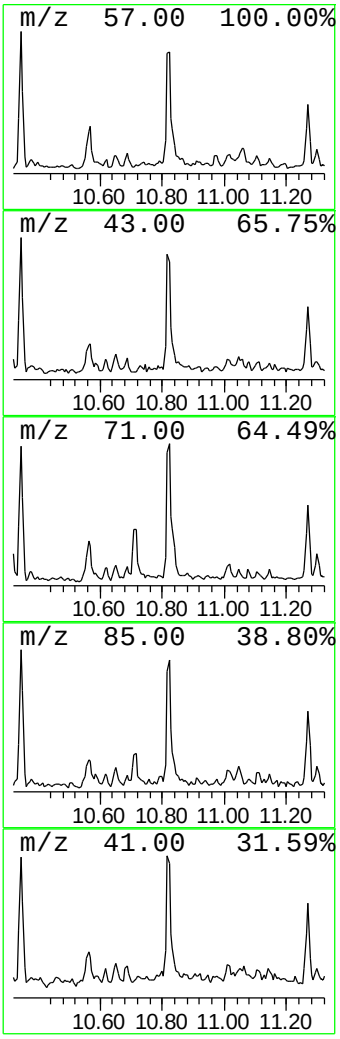
Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.48 ng	190033	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Data File : BF102884.D
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Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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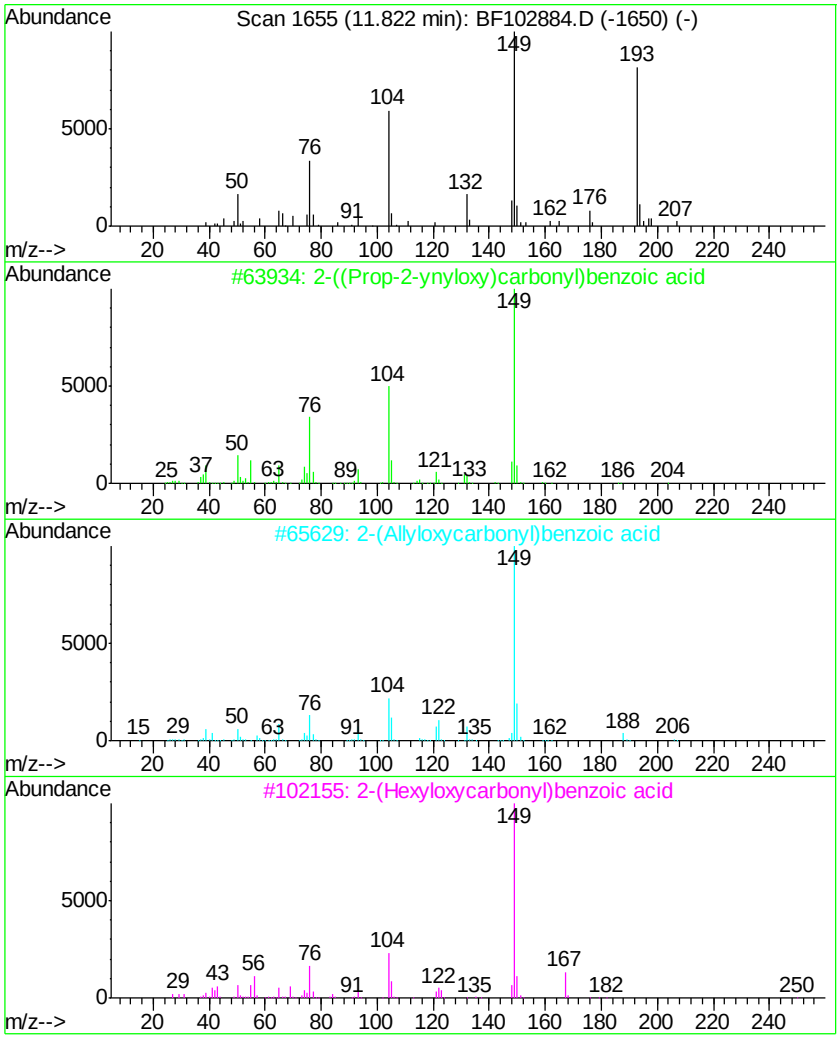
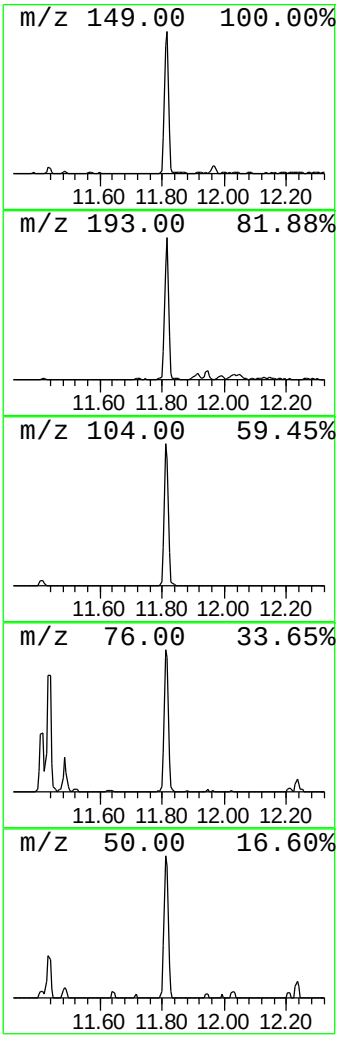
Peak Number 6 2-((Prop-2-ynyloxy)carbonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.59 ng	250447	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	50
2	2-(Allyloxycarbonyl)benzoic acid	206	C11H10O4	1000373-67-6	40
3	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	37
4	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	27
5	Phthalic acid, 2-phenylethyl pro...	312	C19H20O4	1000309-77-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
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Sample : J1475-12
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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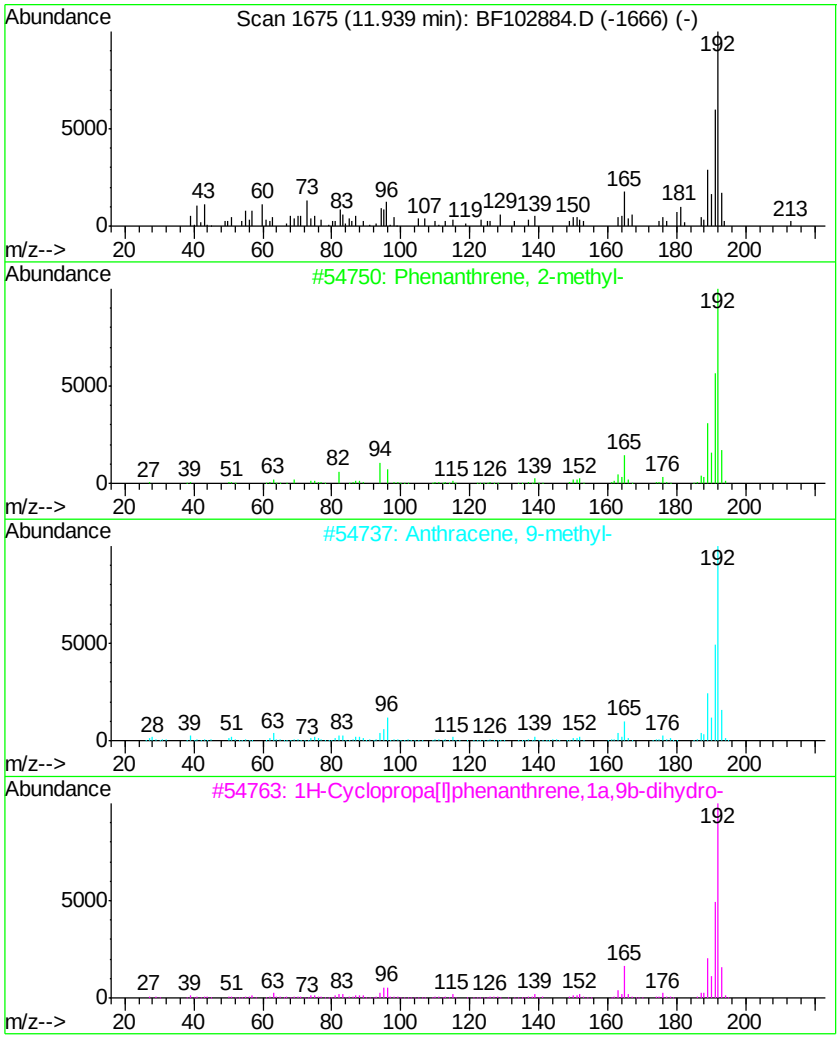
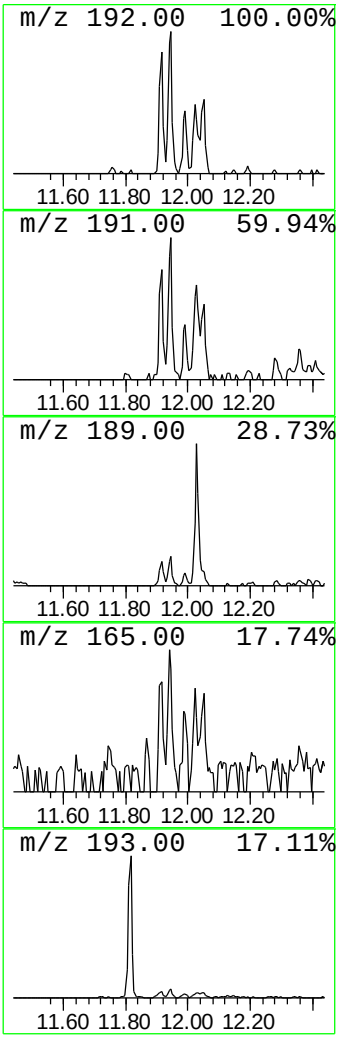
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.07 ng	167698	Phenanthrene-d10	11.42

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





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Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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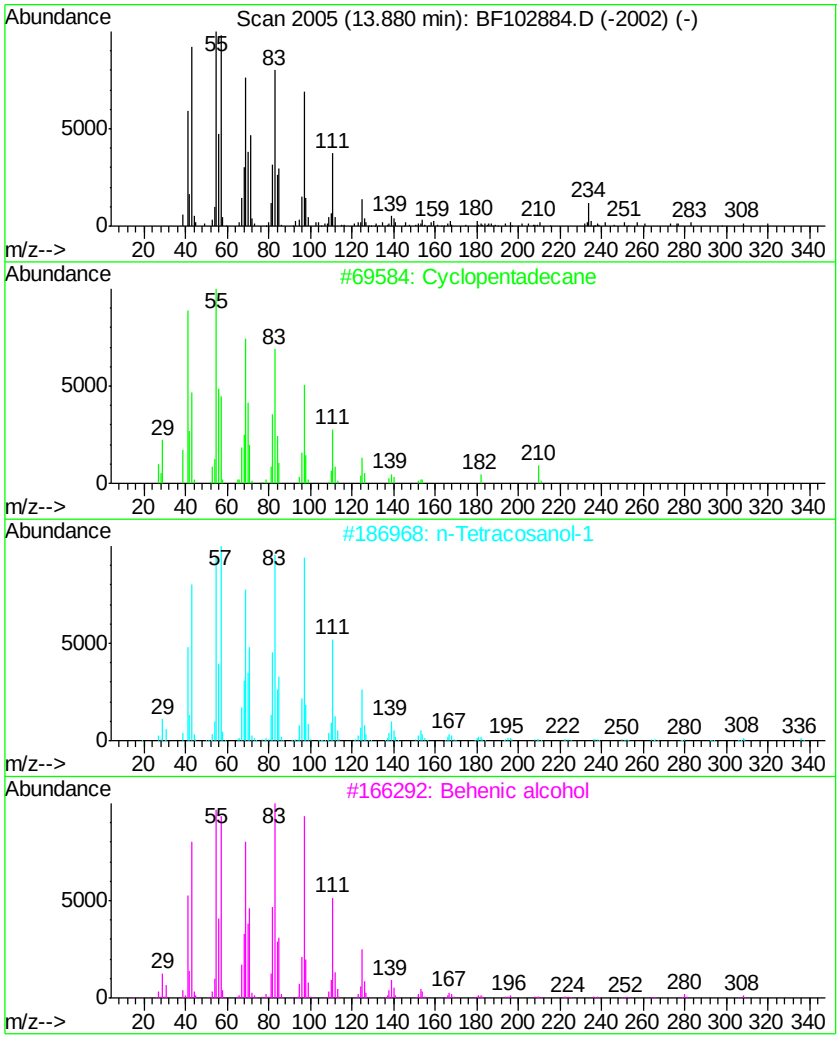
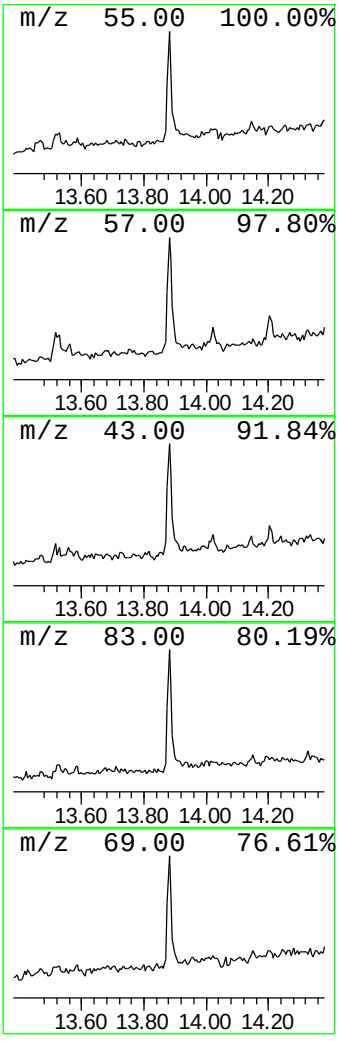
Peak Number 8 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.06 ng	294287	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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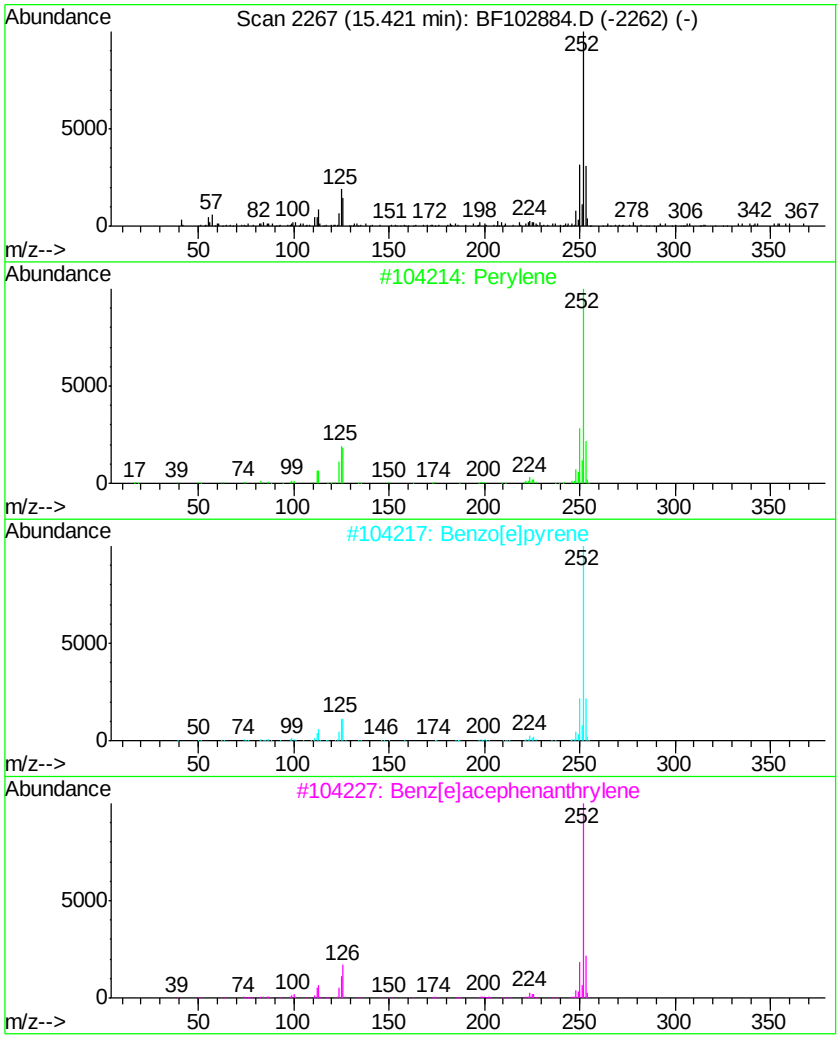
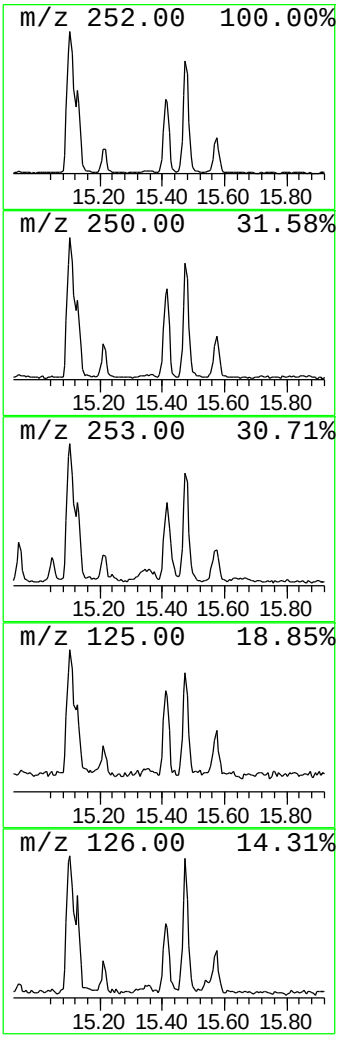
Peak Number 9 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.47 ng	218102	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

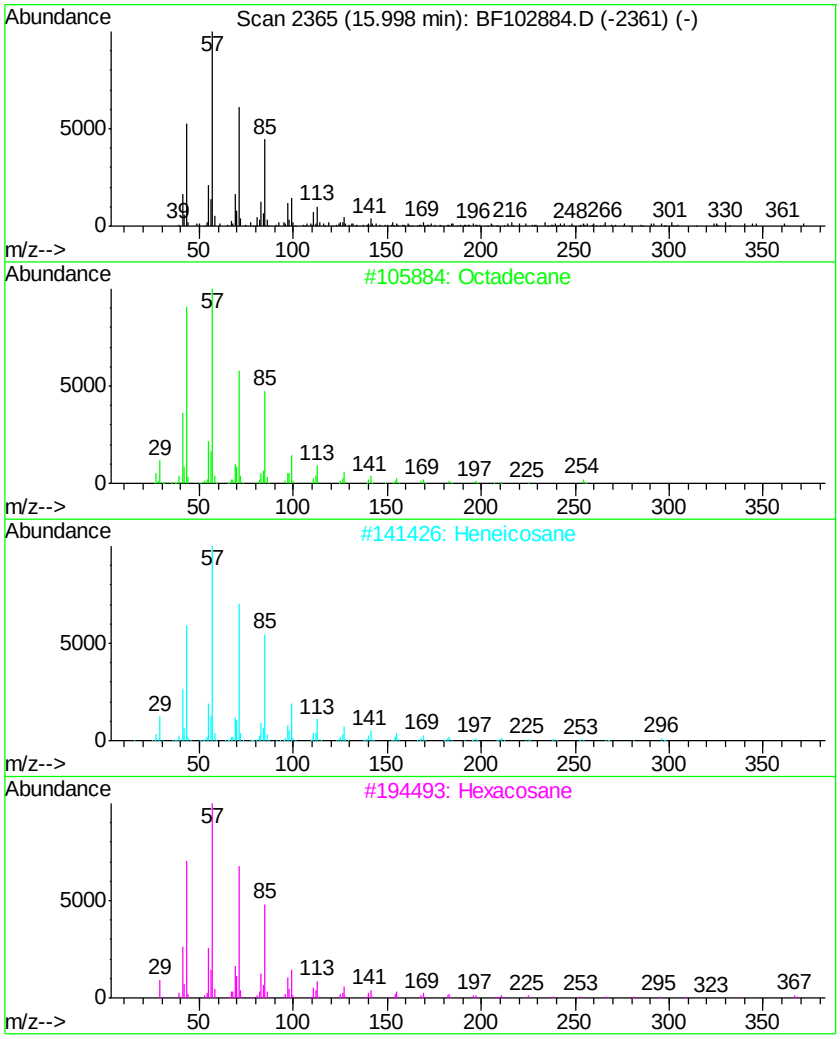
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

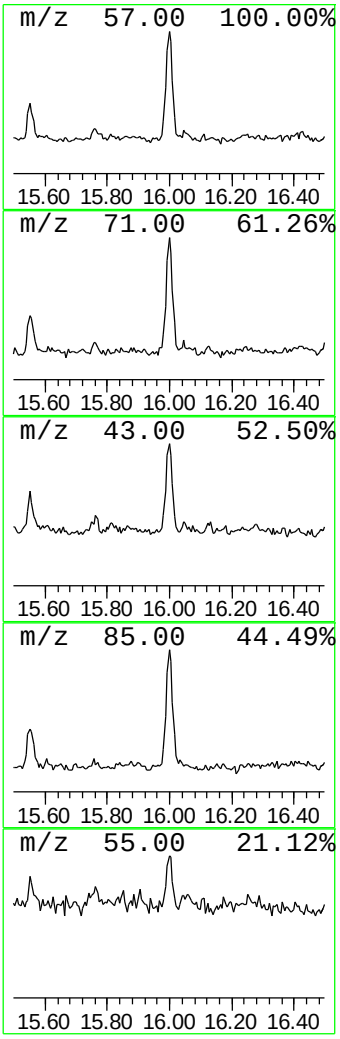
****

Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	4.11 ng	200122	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.15	10.2	ng	554599	1	6.89	1086570	20.0
2-Pentanone, 4-hy...	5.11	2.3	ng	125042	1	6.89	1086570	20.0
unknown6.66	6.66	63.3	ng	3437800	1	6.89	1086570	20.0
Heptacosane	10.82	3.5	ng	190033	4	11.42	1091970	20.0
2-((Prop-2-ynylox...	11.82	4.6	ng	250447	4	11.42	1091970	20.0
Phenanthrene, 2-m...	11.94	3.1	ng	167698	4	11.42	1091970	20.0
Cyclopentadecane	13.88	4.1	ng	294287	5	14.06	1450320	20.0
Perylene	15.42	4.5	ng	218102	6	15.54	974804	20.0
Octadecane	16.00	4.1	ng	200122	6	15.54	974804	20.0