LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

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-BF040618.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	5.028	492	500	509	rBV	134173	185717	5.79%	0.632%
2	5.428	562	568	571	rBV	2894231	3083824	96.20%	10.492%
3	6.081	676	679	686	rVB2	32218	45440	1.42%	0.155%
4	6.445	735	741	744	rBV	2818147	3046663	95.04%	10.366%
5	6.581	759	764	767	rBV	3252614	3158113	98.52%	10.745%
6	6.640	771	774	777	rBV2	40480	34732	1.08%	0.118%
7	6.810	799	803	806	rVB	1056394	849272	26.49%	2.889%
8	6.963	825	829	833	rBV	2511783	2466713	76.95%	8.392%
9	7.375	888	899	902	rBV	2054146	2041263	63.68%	6.945%
10	8.092	1017	1021	1024	rBV	1397776	1112337	34.70%	3.784%
11	9.169	1199	1204	1207	rBV	3600664	3205499	100.00%	10.906%
12	9.557	1267	1270	1274	rBV	200750	190774	5.95%	0.649%
13	9.710	1291	1296	1300	rBV	28554	35403	1.10%	0.120%
14	9.775	1304	1307	1310	rVB	90095	65786	2.05%	0.224%
15	9.845	1315	1319	1323	rBV	1230980	1151312	35.92%	3.917%
16	10.275	1389	1392	1395	rVB	151529	111551	3.48%	0.380%
17	10.498	1425	1430	1432	rBV	39807	52012	1.62%	0.177%
18	10.639	1447	1454	1457	rBV	1958222	1769822	55.21%	6.021%
19	10.751	1470	1473	1481	rBV	136101	163502	5.10%	0.556%
20	11.198	1543	1549	1552	rBV	78028	79148	2.47%	0.269%
21	11.227	1552	1554	1559	rVB2	45490	43976	1.37%	0.150%
22	11.333	1569	1572	1575	rBV	1039640	968391	30.21%	3.295%
23	11.357	1575	1576	1579	rVV	195891	140967	4.40%	0.480%
24	11.410	1583	1585	1588	rVB	47136	35007	1.09%	0.119%
25	11.563	1606	1611	1617	rVB3	22210	36519	1.14%	0.124%
26	11.863	1659	1662	1666	rVB2	151320	127873	3.99%	0.435%
27	11.951	1674	1677	1679	rBV2	59002	58862	1.84%	0.200%
28	12.386	1748	1751	1754	rBV2	43482	42021	1.31%	0.143%
29	12.422	1754	1757	1763	rVB5	38641	61679	1.92%	0.210%
30	12.551	1776	1779	1782	rBV	333886	261764	8.17%	0.891%
31	12.645	1792	1795	1798	rBV2	33948	39537	1.23%	0.135%
32	12.780	1813	1818	1820	rBV	281241	274857	8.57%	0.935%
33	12.927	1839	1843	1846	rBV	2486392	2207580	68.87%	7.511%
34	13.104	1871	1873	1876	rVB2	38067	34847	1.09%	0.119%

LSC Area Percent Report

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Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.816	1992	1994	1998	rBV3	174166	180986	5.65%	0.616%
36	13.980	2017	2022	2025	rBV2	859582	943396	29.43%	3.210%
37	14.004	2025	2026	2033	rVB	132091	116580	3.64%	0.397%
38	14.463	2101	2104	2107	rBV2	93678	94117	2.94%	0.320%
39	15.021	2196	2199	2207	rVB2	125421	279604	8.72%	0.951%
40	15.451	2268	2272	2276	rBV	471380	594484	18.55%	2.023%

Sum of corrected areas: 29391930

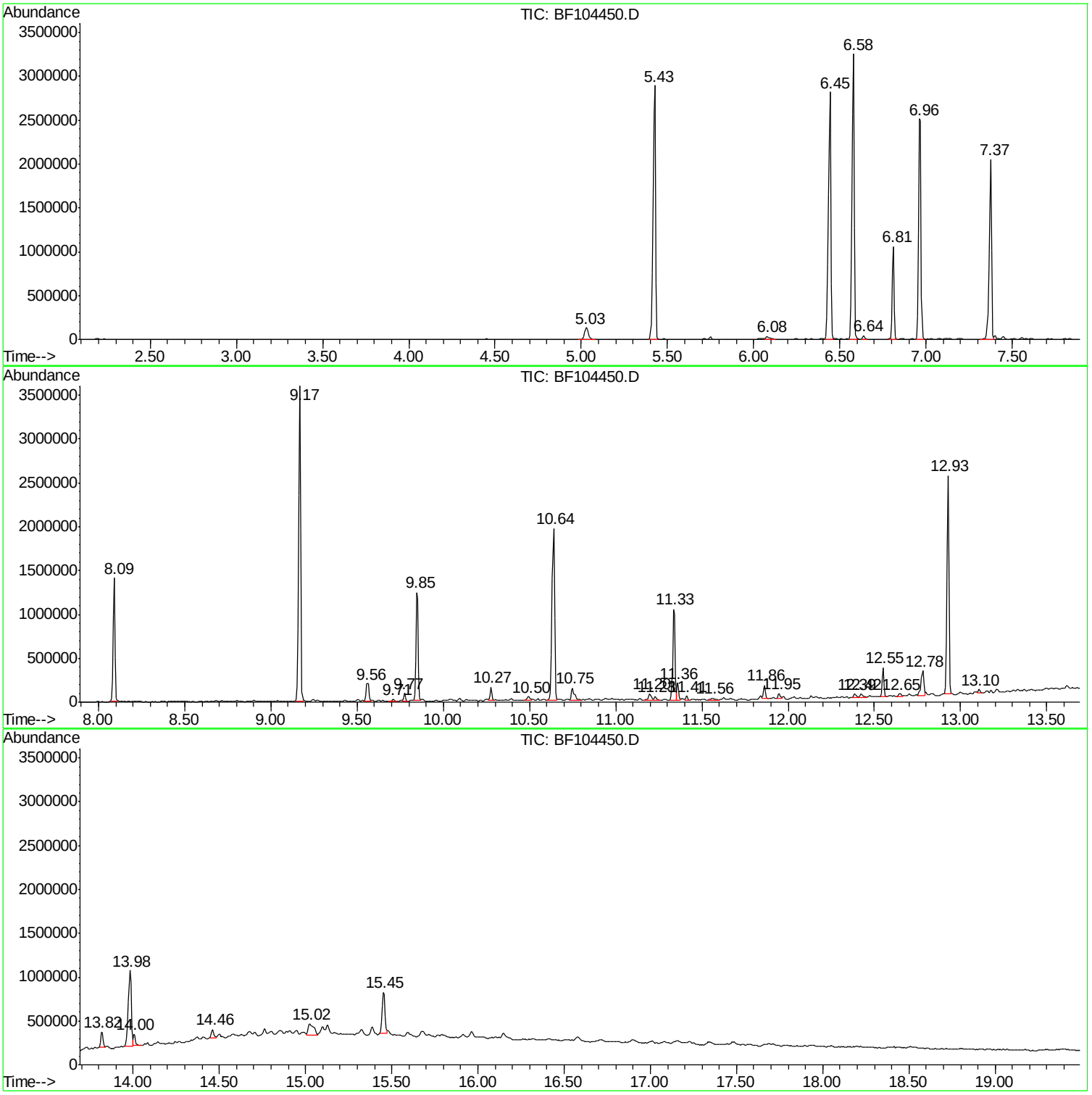
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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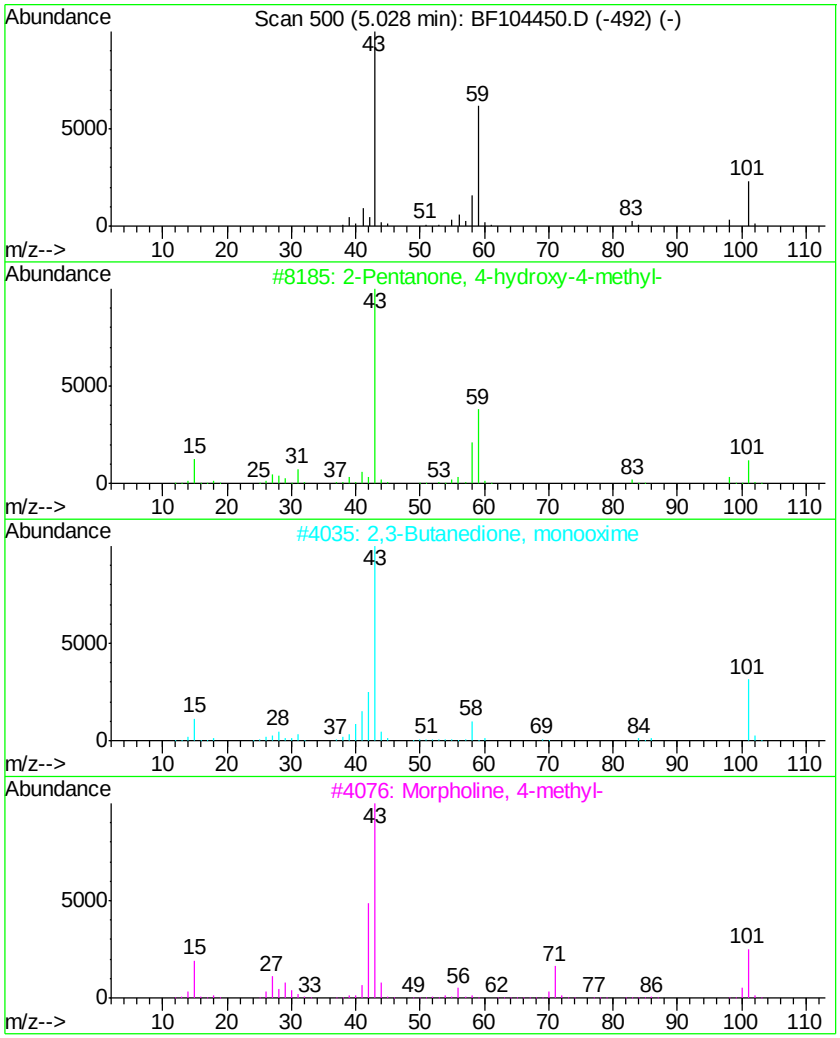
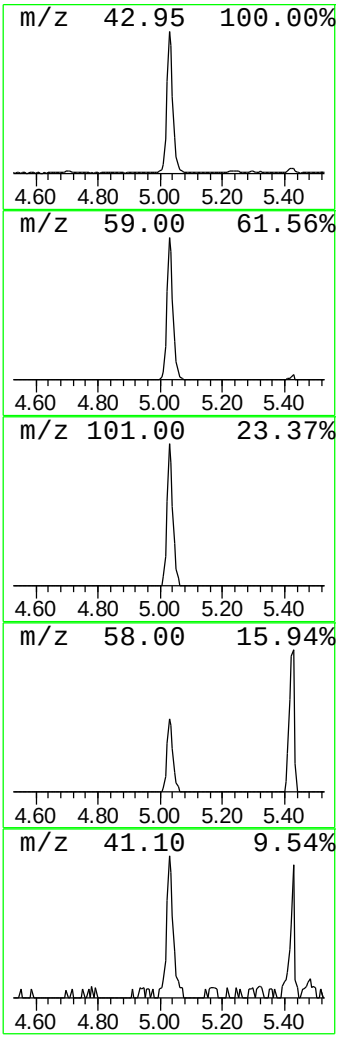
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.37 ng	185717	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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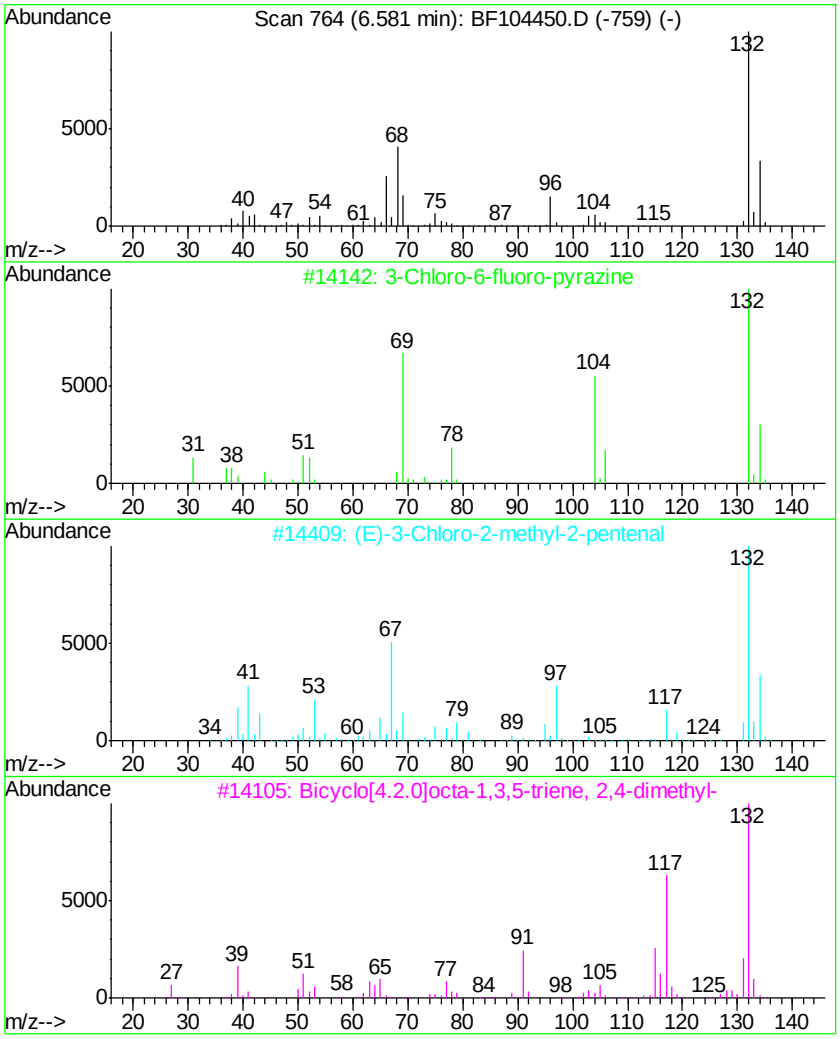
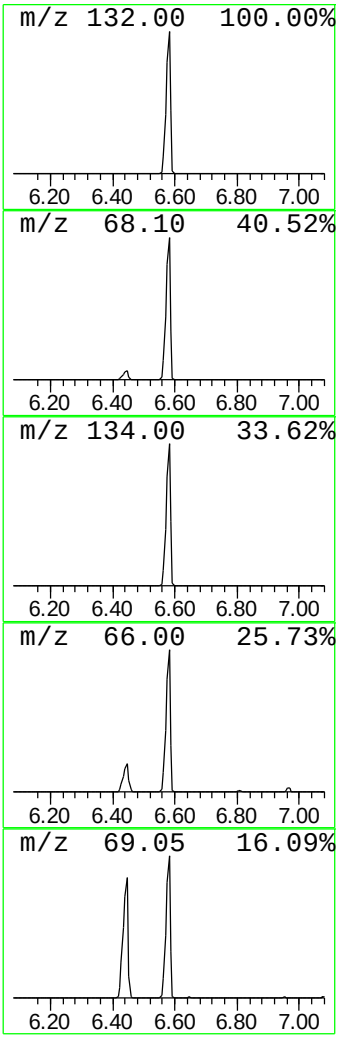
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	74.37 ng	3158110	1,4-Dichlorobenzene-d4	6.81

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
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Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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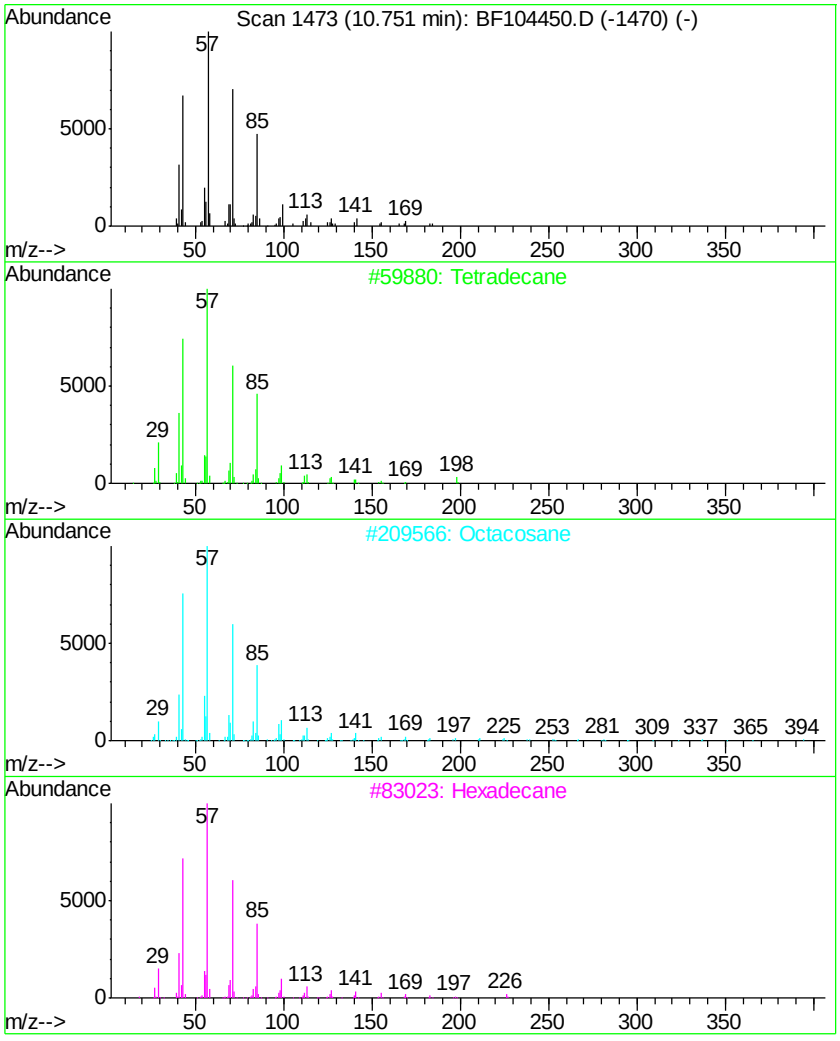
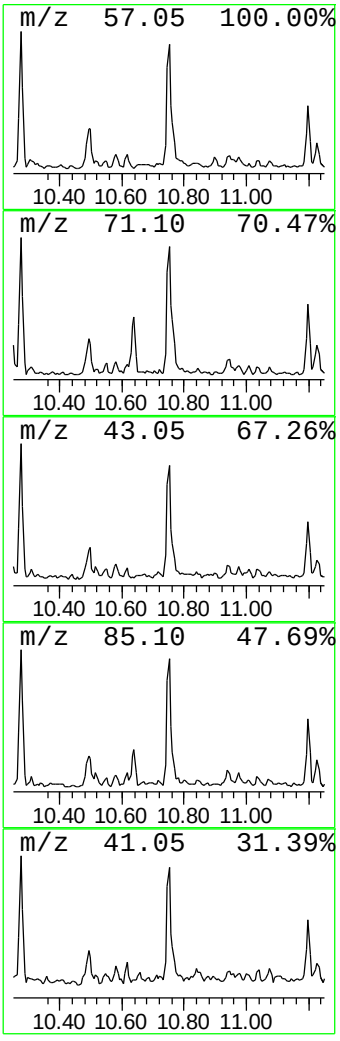
Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.38 ng	163502	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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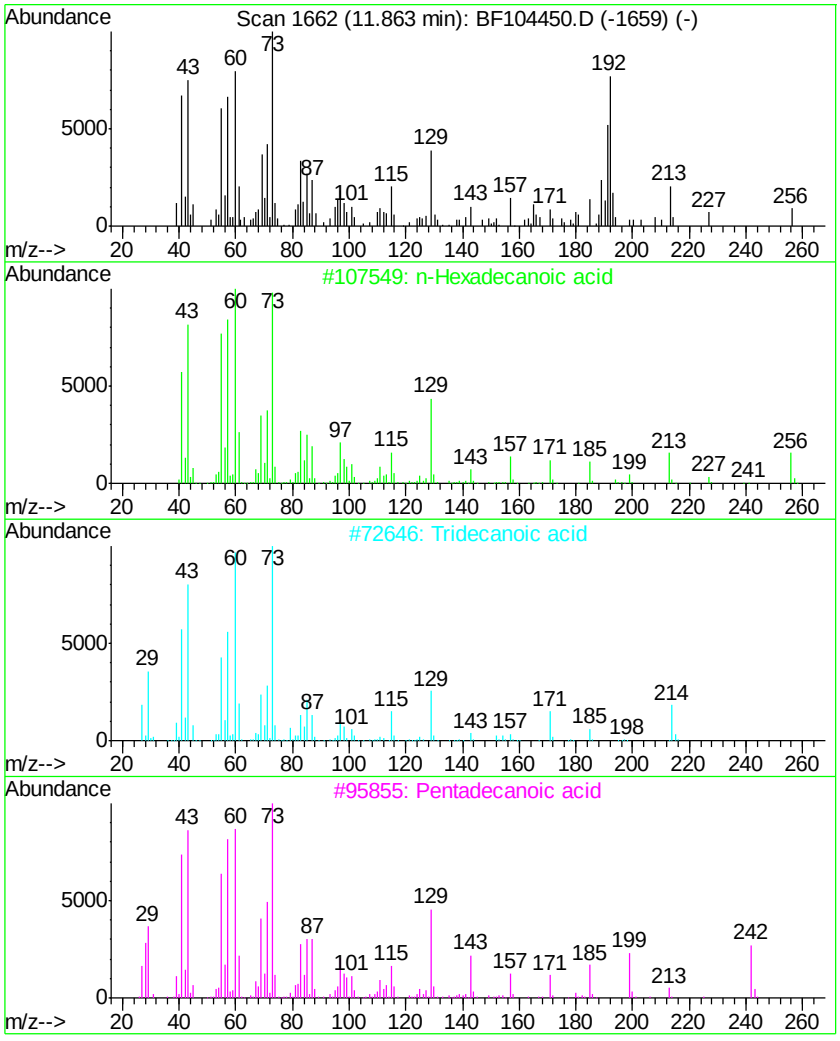
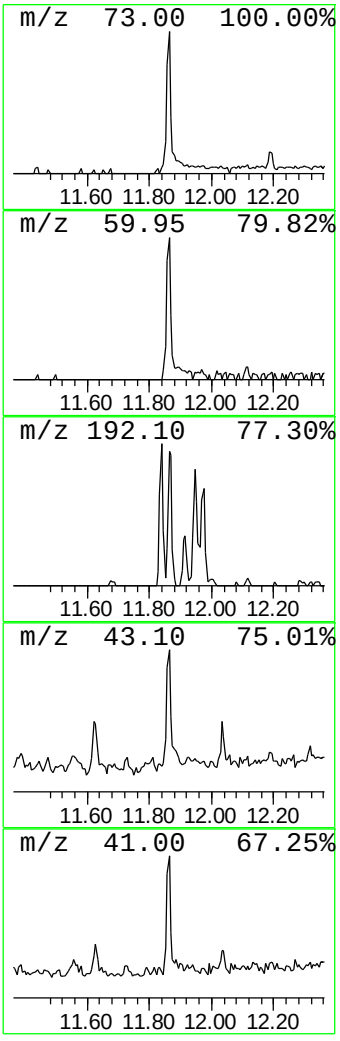
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.64 ng	127873	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-041118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

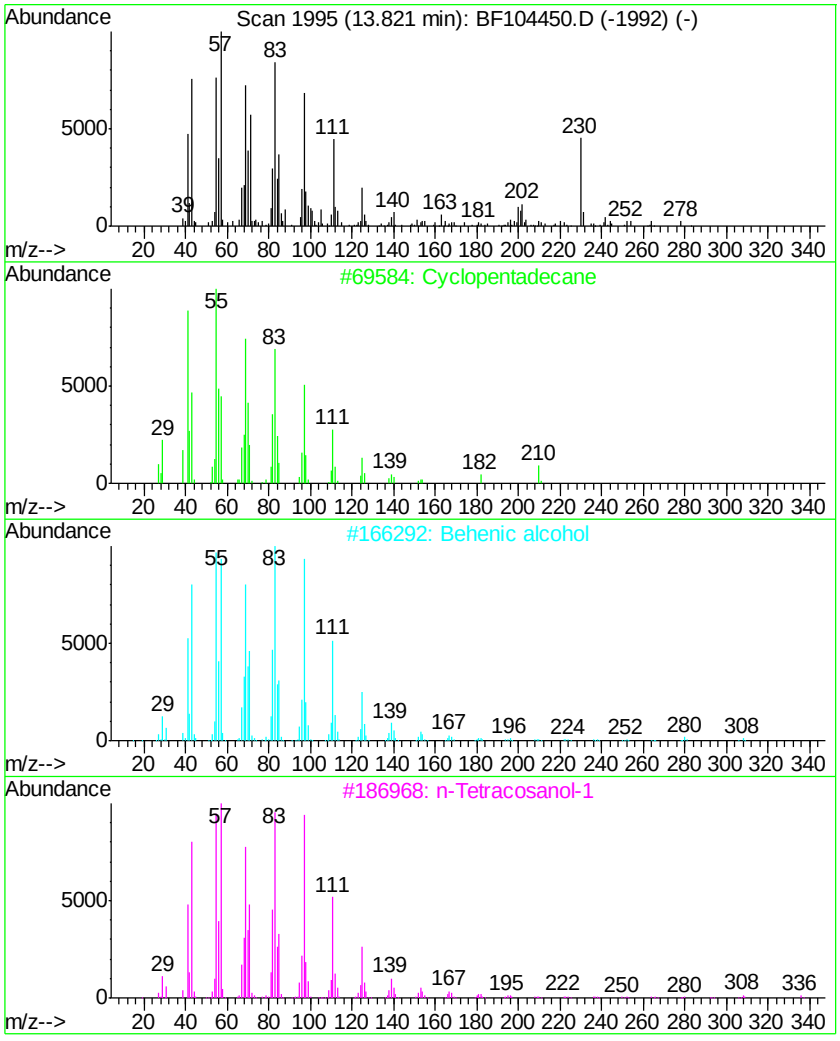
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

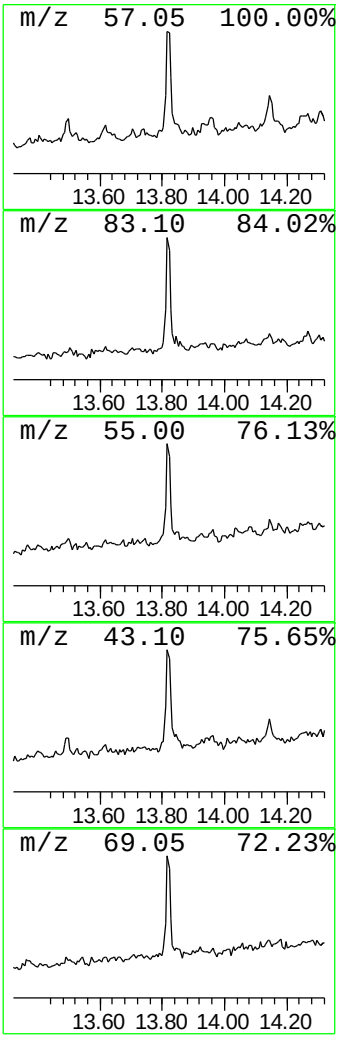
****

Peak Number 6 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.84 ng	180986	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041218\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.03	4.4	ng	185717	1	6.81	849272	20.0
unknown6.58	6.58	74.4	ng	3158110	1	6.81	849272	20.0
Tetradecane	10.75	3.4	ng	163502	4	11.33	968391	20.0
n-Hexadecanoic acid	11.86	2.6	ng	127873	4	11.33	968391	20.0
Cyclopentadecane	13.82	3.8	ng	180986	5	13.98	943396	20.0