LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103281.D
Acq On : 27 Feb 2018 23:20
Operator : SJ/JU
Sample : J1705-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

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	2.134	3	8	19	rBV	1060979	1423914	40.56%	5.343%
2	5.093	508	511	521	rVB	92156	114343	3.26%	0.429%
3	5.498	576	580	597	rBV	1798022	1842912	52.49%	6.915%
4	6.504	747	751	771	rBV	1109451	1225651	34.91%	4.599%
5	6.645	771	775	778	rBV	3246669	3028088	86.24%	11.362%
6	6.875	810	814	819	rBV	1038180	867207	24.70%	3.254%
7	7.034	836	841	844	rBV	3024228	2962085	84.36%	11.114%
8	7.439	905	910	913	rBV	2409292	2415146	68.79%	9.062%
9	8.157	1028	1032	1050	rBV	1228193	1155806	32.92%	4.337%
10	9.233	1210	1215	1218	rBV	3645186	3511040	100.00%	13.174%
11	9.622	1277	1281	1287	rBV	131656	133550	3.80%	0.501%
12	9.828	1313	1316	1321	rBV	86220	81686	2.33%	0.307%
13	9.916	1327	1331	1339	rBV	1014875	976721	27.82%	3.665%
14	10.327	1398	1401	1405	rVB2	163775	137080	3.90%	0.514%
15	10.551	1434	1439	1441	rBV	43365	54788	1.56%	0.206%
16	10.710	1461	1466	1475	rBV	1526328	1642096	46.77%	6.162%
17	10.804	1479	1482	1487	rVV	127333	123605	3.52%	0.464%
18	10.957	1505	1508	1512	rVB	43312	37829	1.08%	0.142%
19	11.251	1555	1558	1561	rBV	55810	46500	1.32%	0.174%
20	11.404	1580	1584	1593	rBV	849216	838113	23.87%	3.145%
21	11.922	1669	1672	1676	rBV2	47583	56351	1.60%	0.211%
22	11.986	1680	1683	1687	rVB	40605	38350	1.09%	0.144%
23	12.992	1849	1854	1857	rBV	2522865	2495282	71.07%	9.363%
24	13.874	2001	2004	2009	rBV	205335	226350	6.45%	0.849%
25	14.057	2031	2035	2042	rBV	740076	705390	20.09%	2.647%
26	15.557	2286	2290	2299	rVB	370527	510786	14.55%	1.917%

Sum of corrected areas: 26650669

LSC Report - Integrated Chromatogram

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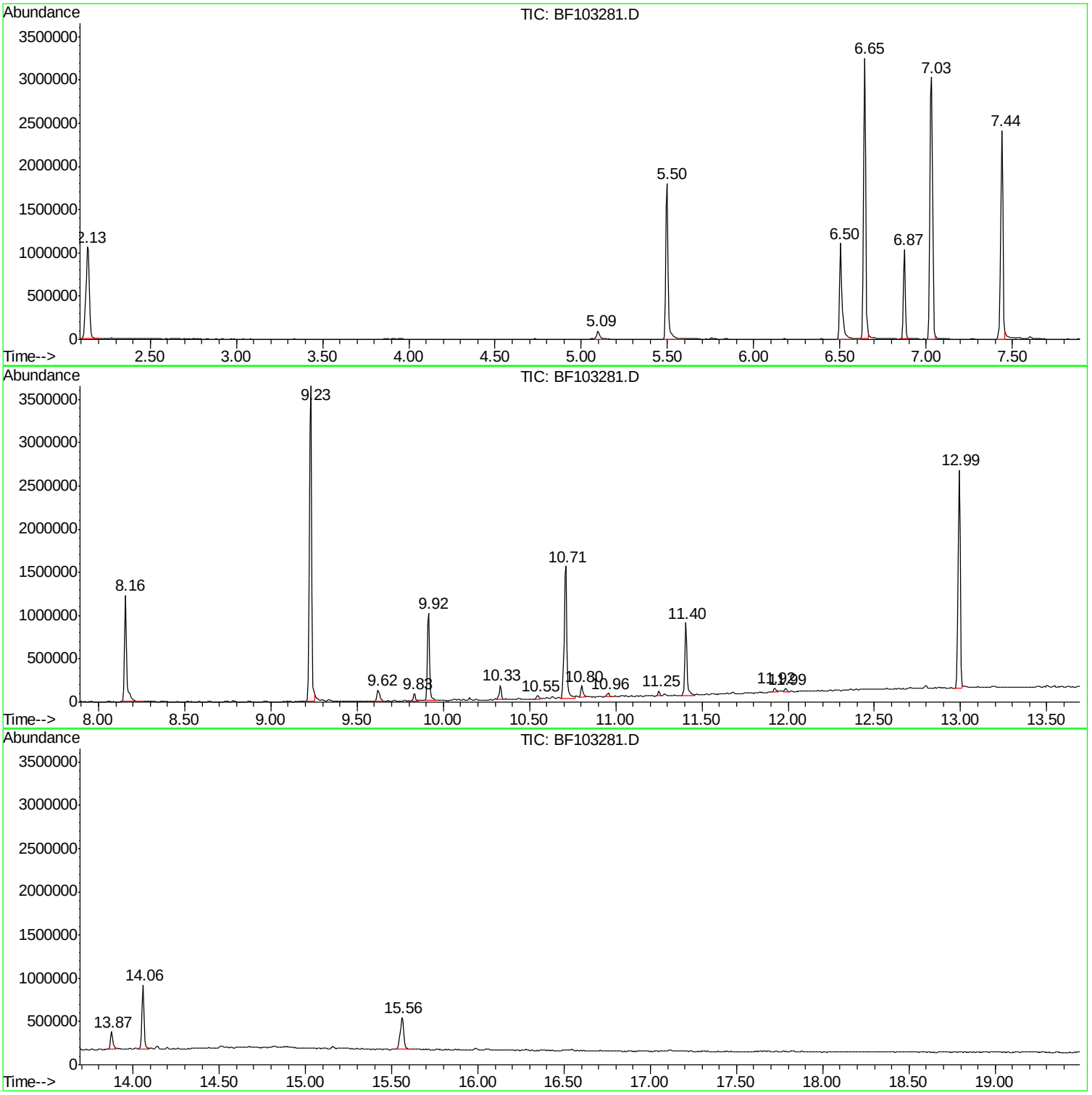
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100MVAR

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 : BF103281.D
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Sample : J1705-07
Misc :
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Instrument : BNA_F
ClientSampleId : 100MVAR

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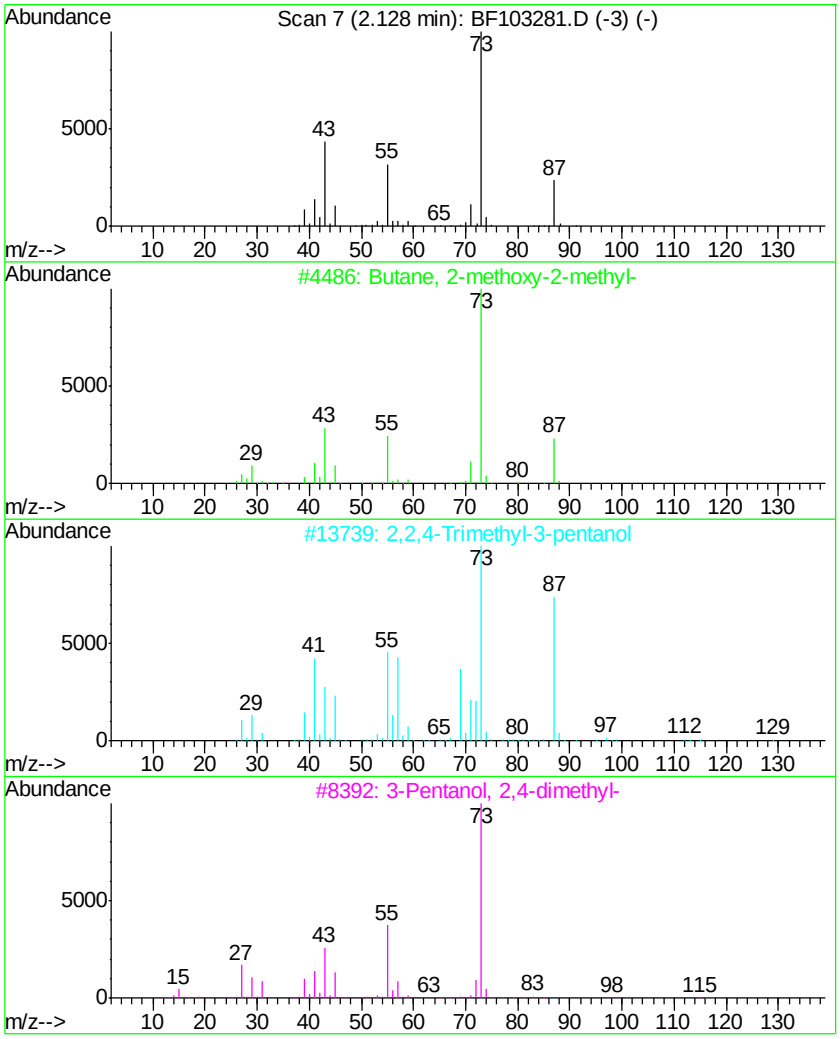
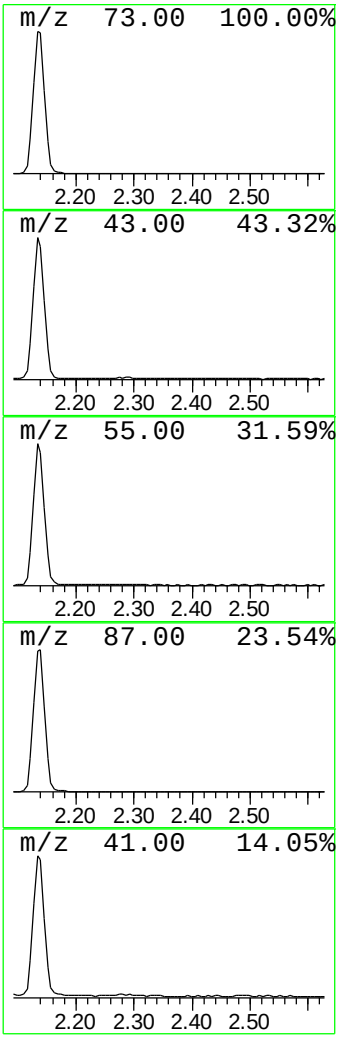
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	32.84 ng	1423910	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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Sample : J1705-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

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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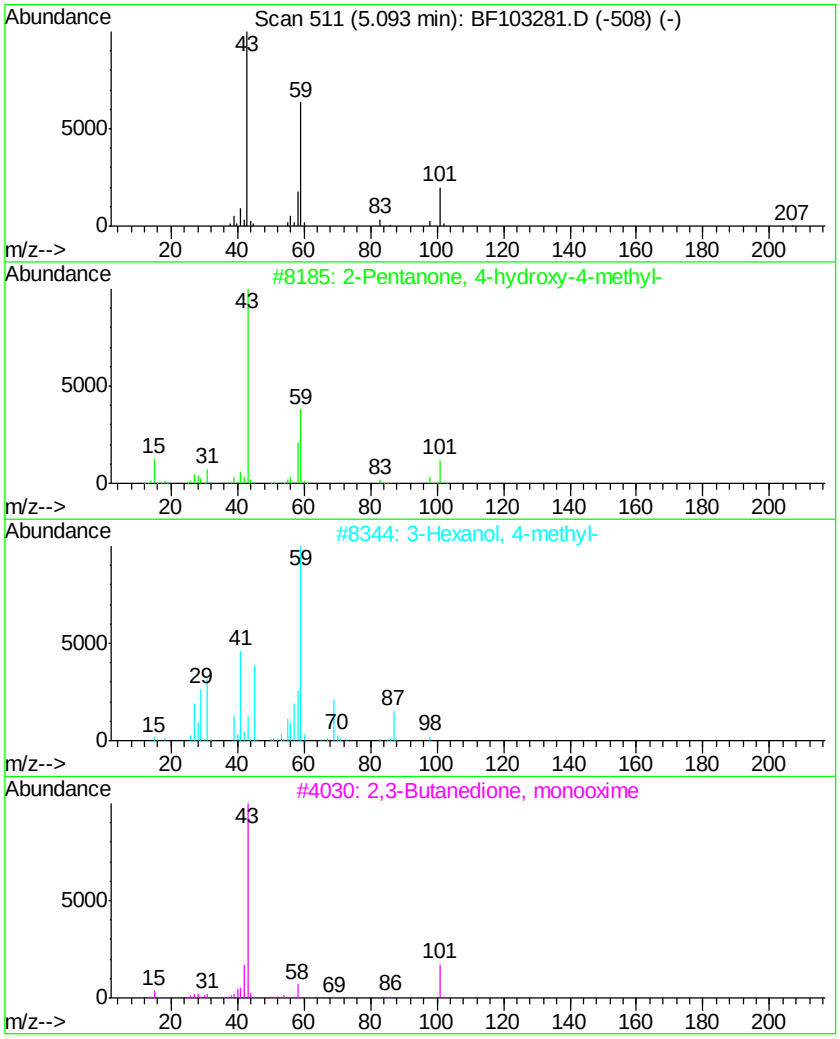
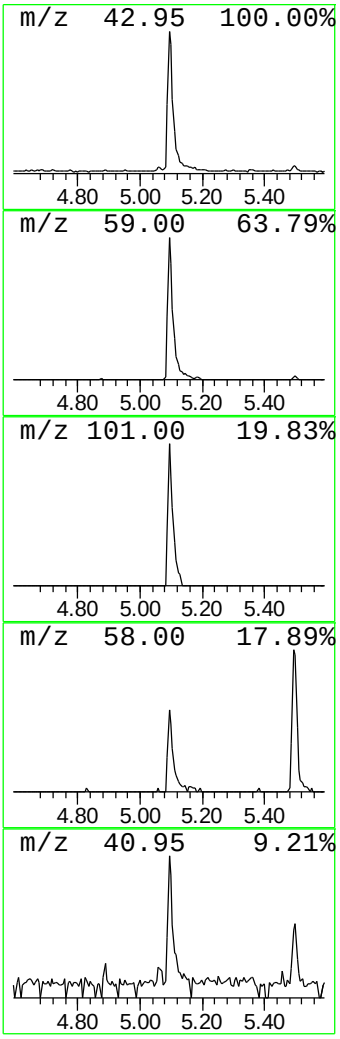
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.64 ng	114343	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF103281.D
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Operator : SJ/JU
Sample : J1705-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

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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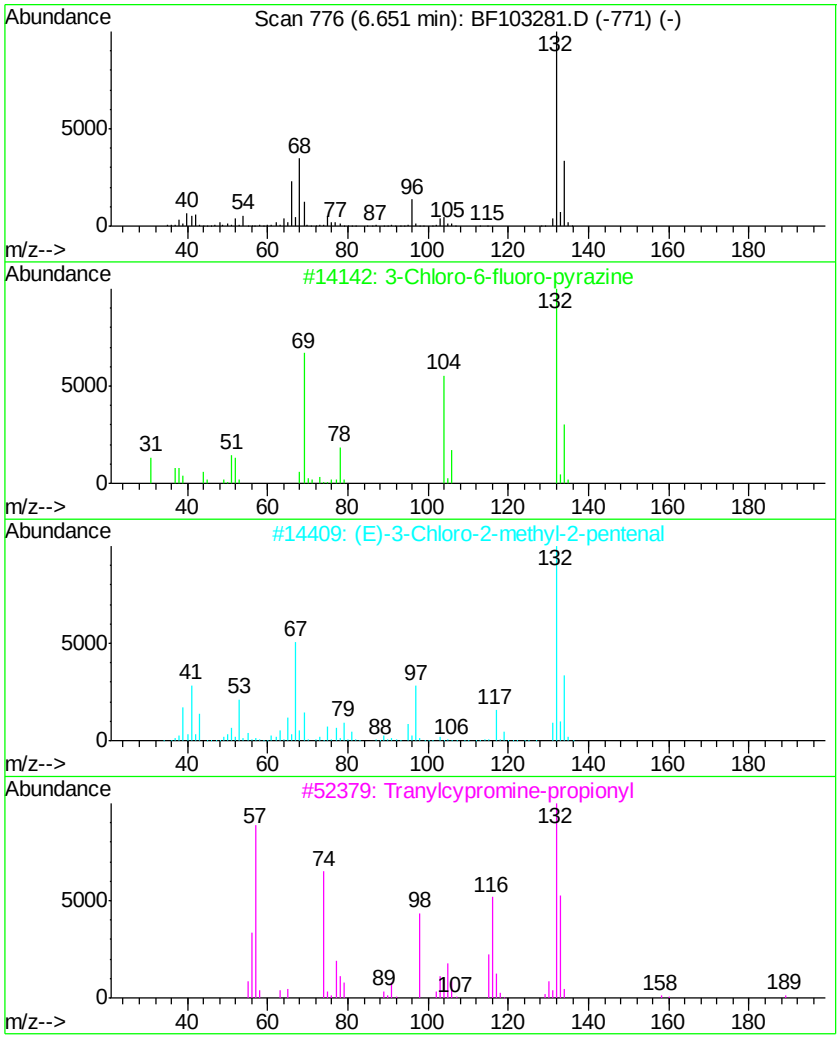
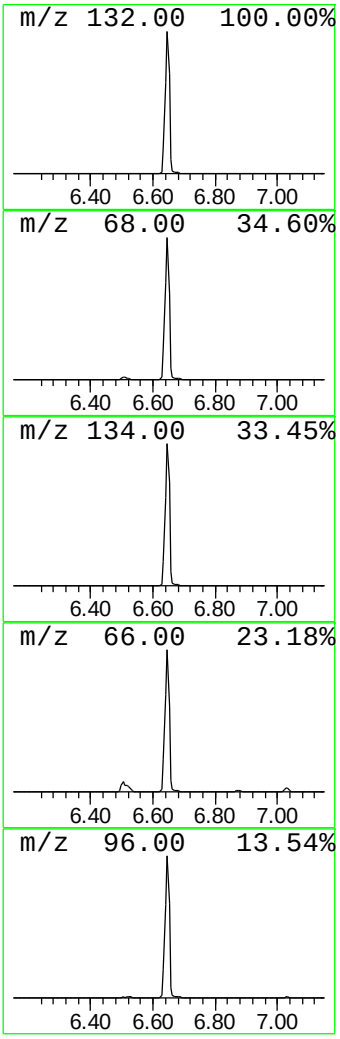
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.84 ng	3028090	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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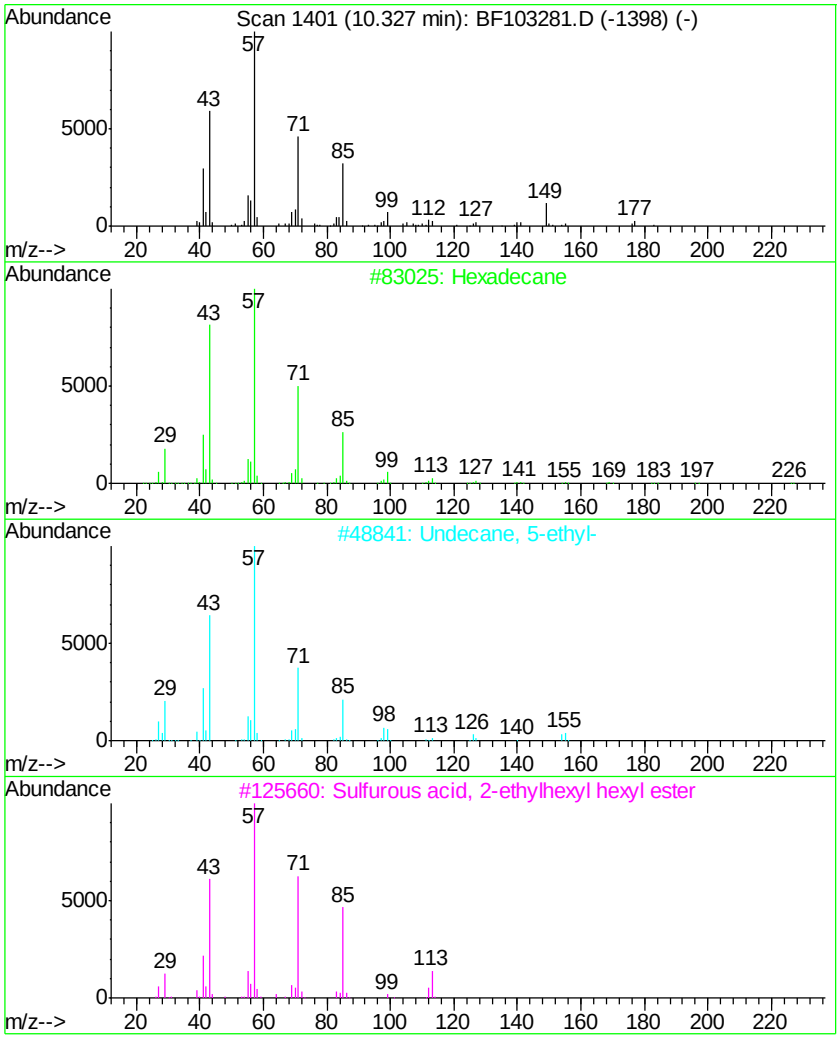
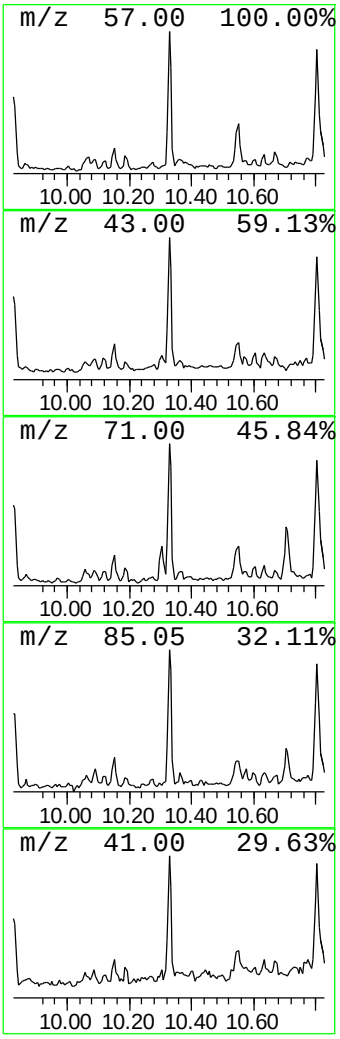
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.81 ng	137080	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Tridecane	184	C13H28	000629-50-5	59
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Sample : J1705-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100MVAR

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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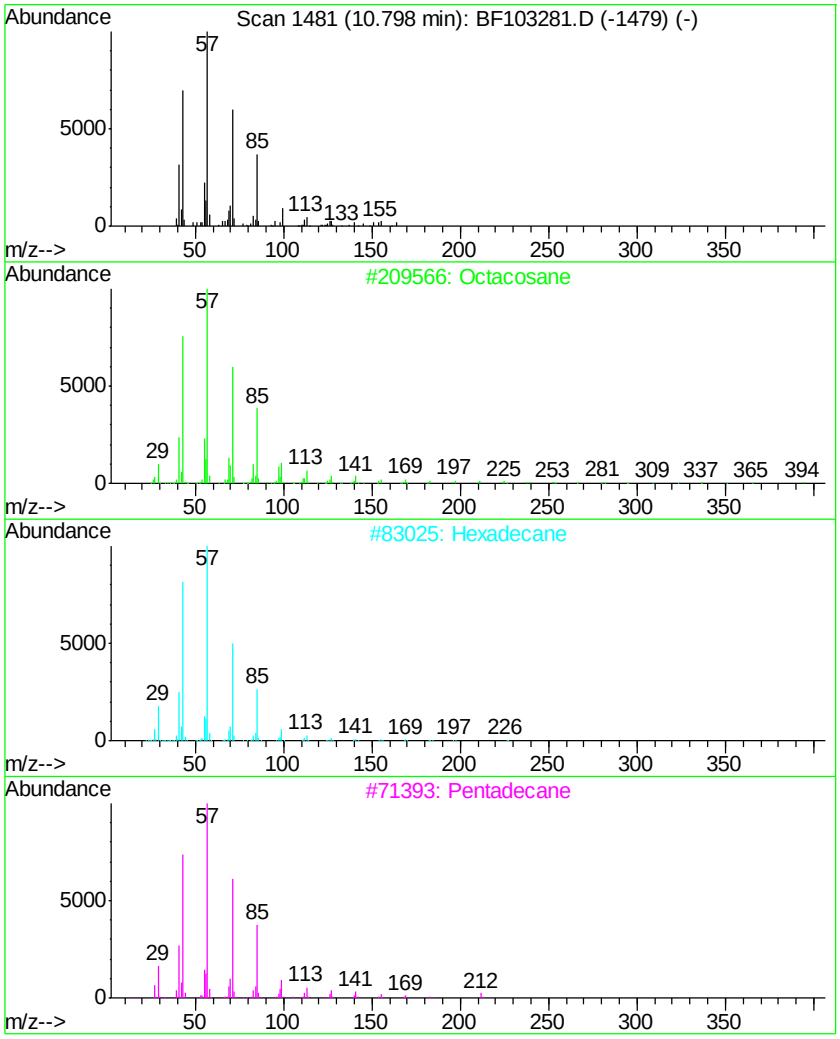
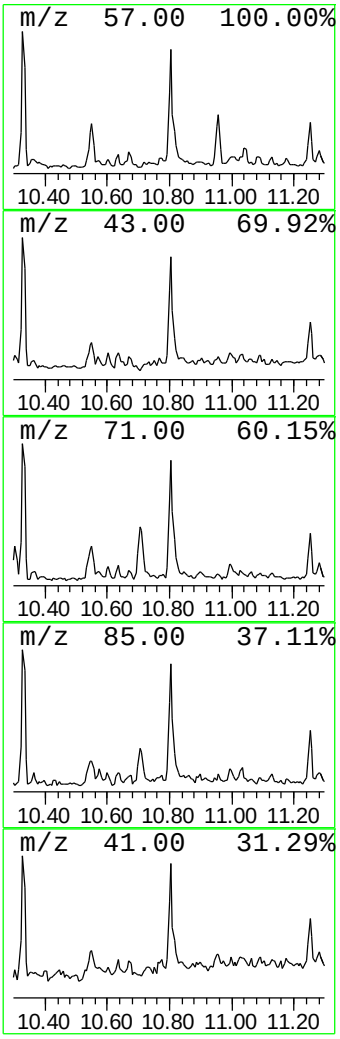
Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.95 ng	123605	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	86





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Misc :
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Instrument : BNA_F
ClientSampleId : 100MVAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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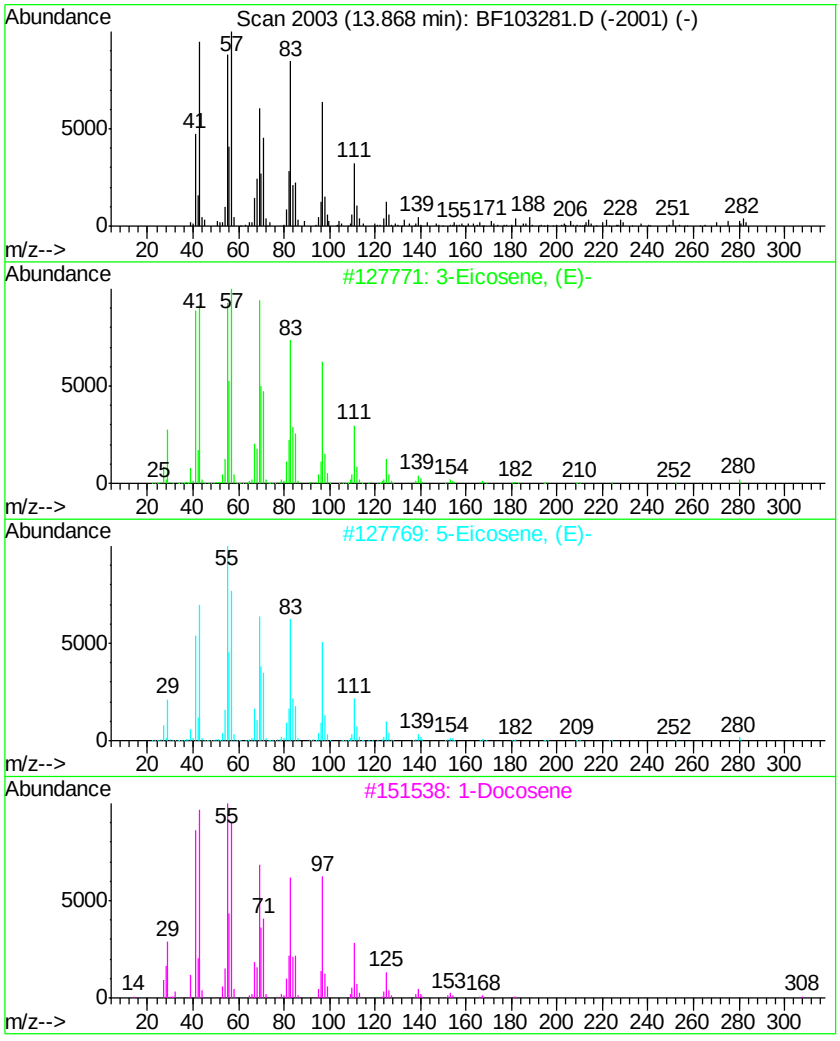
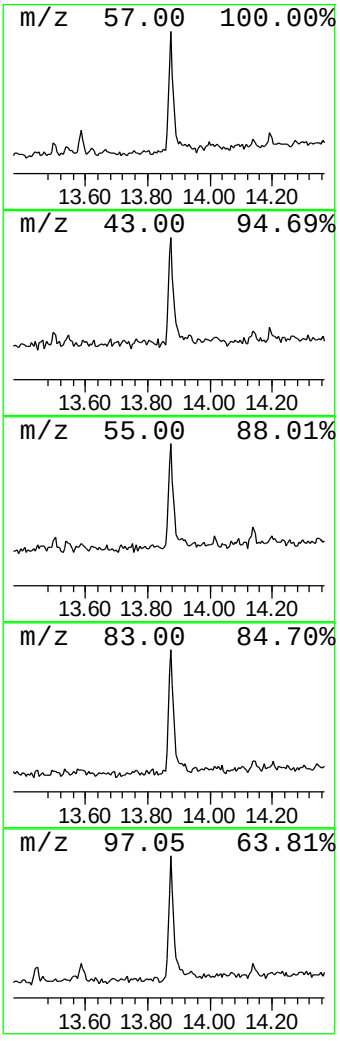
Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.42 ng	226350	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93





Tentatively Identified Compound (LSC) summary

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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	32.8	ng	1423910	1	6.87	867207	20.0
2-Pentanone, 4-hy...	5.09	2.6	ng	114343	1	6.87	867207	20.0
unknown6.65	6.65	69.8	ng	3028090	1	6.87	867207	20.0
Hexadecane	10.33	2.8	ng	137080	3	9.92	976721	20.0
Octacosane	10.80	3.0	ng	123605	4	11.40	838113	20.0
3-Eicosene, (E)-	13.87	6.4	ng	226350	5	14.06	705390	20.0