LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102988.D
Acq On : 14 Feb 2018 14:42
Operator : SJ/JU
Sample : J1530-47
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-03

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	2.175	9	15	22	rVB	1004321	1371308	27.99%	3.498%
2	5.122	513	516	525	rVB	117013	165891	3.39%	0.423%
3	5.504	575	581	584	rBV	4465077	4845230	98.89%	12.360%
4	6.510	746	752	767	rVB	3938634	4899499	100.00%	12.499%
5	6.651	770	776	779	rBV	4425059	4675777	95.43%	11.928%
6	6.875	810	814	818	rBV	1324002	1050000	21.43%	2.679%
7	7.034	836	841	844	rBV	3802264	3550178	72.46%	9.056%
8	7.440	905	910	913	rBV	2795515	3110838	63.49%	7.936%
9	8.157	1028	1032	1036	rBV	1579759	1345309	27.46%	3.432%
10	9.234	1210	1215	1218	rBV	4450075	4220936	86.15%	10.768%
11	9.622	1277	1281	1284	rBV	421247	343021	7.00%	0.875%
12	9.834	1314	1317	1321	rVB	181469	140726	2.87%	0.359%
13	9.916	1327	1331	1335	rBV	1382269	1268860	25.90%	3.237%
14	10.333	1399	1402	1405	rVB	199459	152378	3.11%	0.389%
15	10.551	1434	1439	1442	rBV	47806	66390	1.36%	0.169%
16	10.704	1461	1465	1468	rBV	2105254	1911389	39.01%	4.876%
17	10.810	1480	1483	1492	rVB	135558	158194	3.23%	0.404%
18	10.957	1504	1508	1512	rVB	55983	57418	1.17%	0.146%
19	11.404	1580	1584	1587	rBV	1018617	964161	19.68%	2.460%
20	12.986	1848	1853	1856	rBV	2992909	2756263	56.26%	7.031%
21	13.863	1999	2002	2012	rBV	401165	425304	8.68%	1.085%
22	14.039	2028	2032	2036	rBV	934814	867315	17.70%	2.213%
23	14.498	2107	2110	2115	rBV5	50405	65051	1.33%	0.166%
24	15.521	2279	2284	2294	rBV	581779	789140	16.11%	2.013%

Sum of corrected areas: 39200576

LSC Report - Integrated Chromatogram

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Misc :
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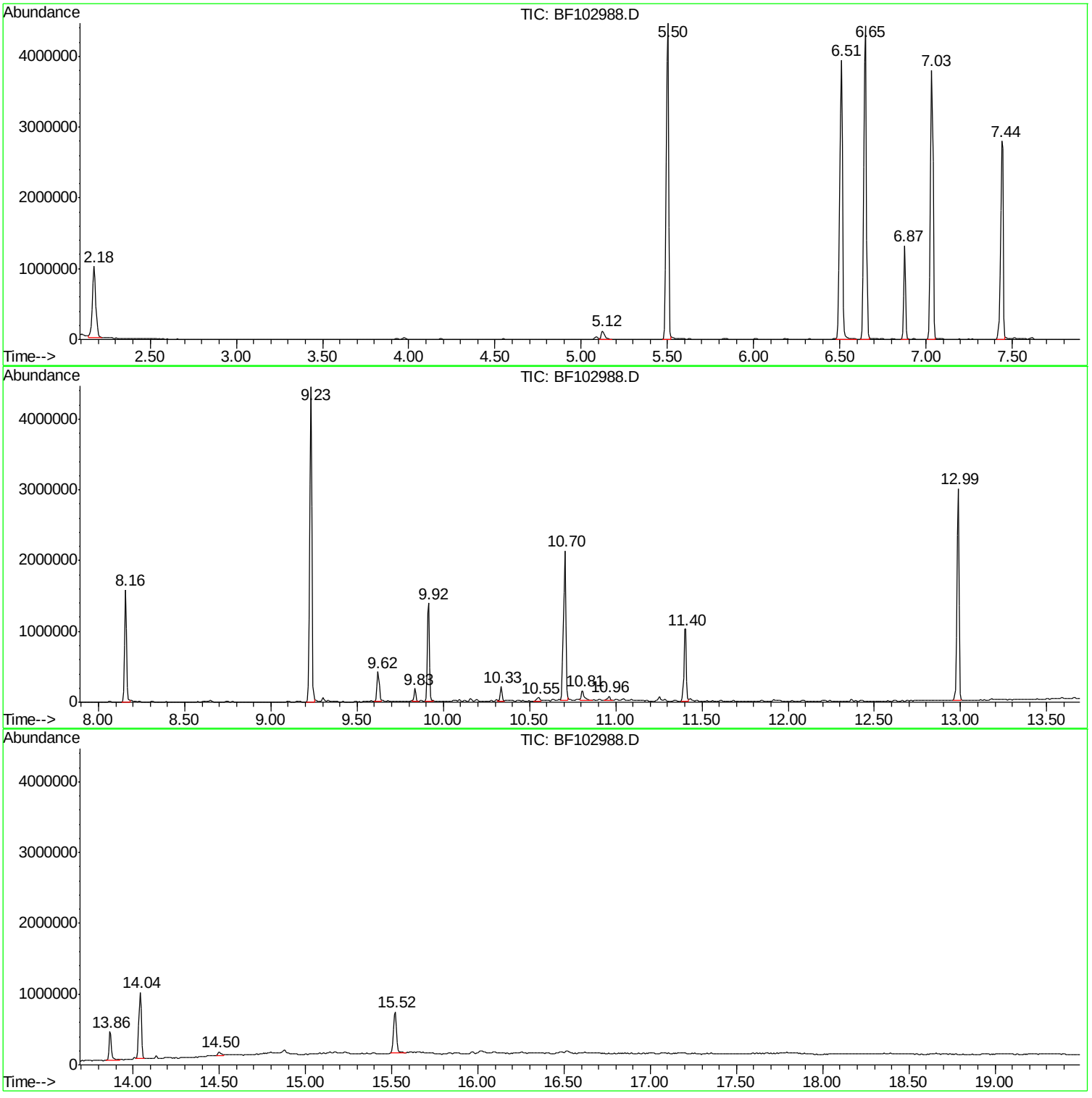
Instrument : BNA_F
ClientSampleId : WC-03

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



Library Search Compound Report

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Operator : SJ/JU
Sample : J1530-47
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

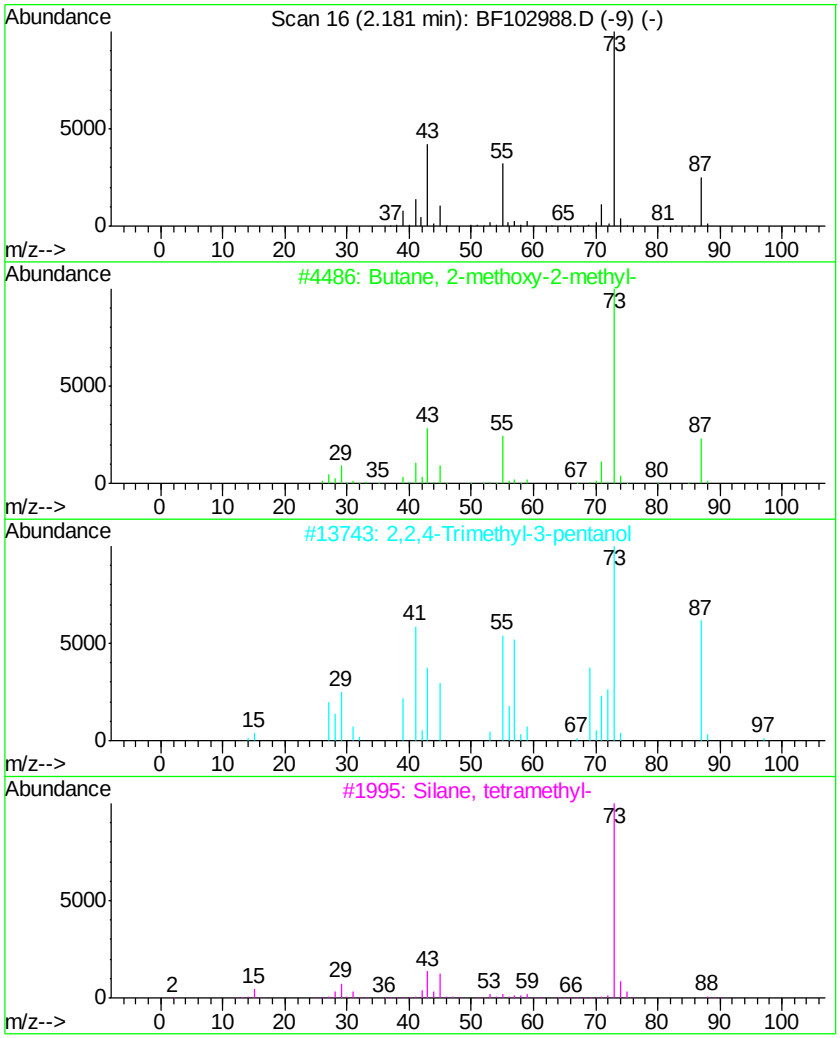
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

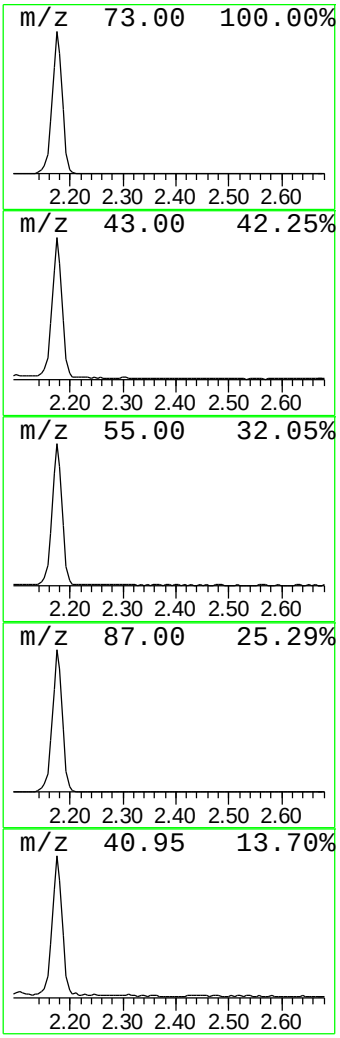
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	26.12 ng	1371310	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Misc :
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Instrument : BNA_F
ClientSampleId : WC-03

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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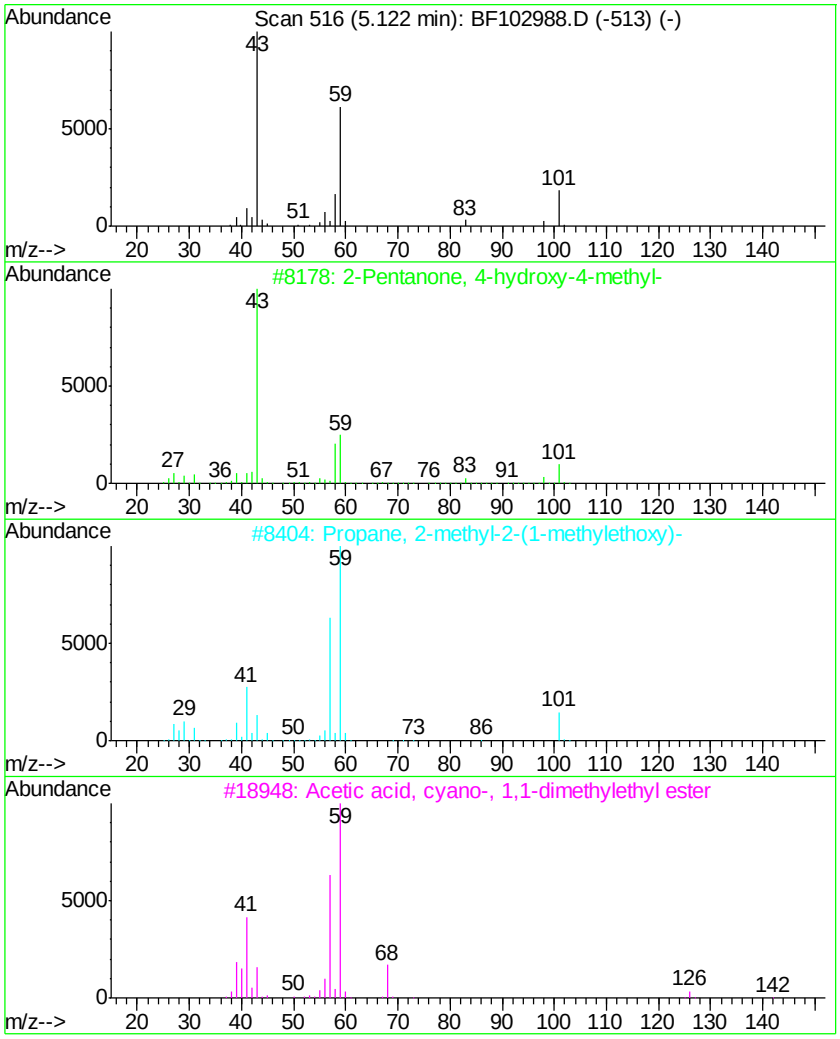
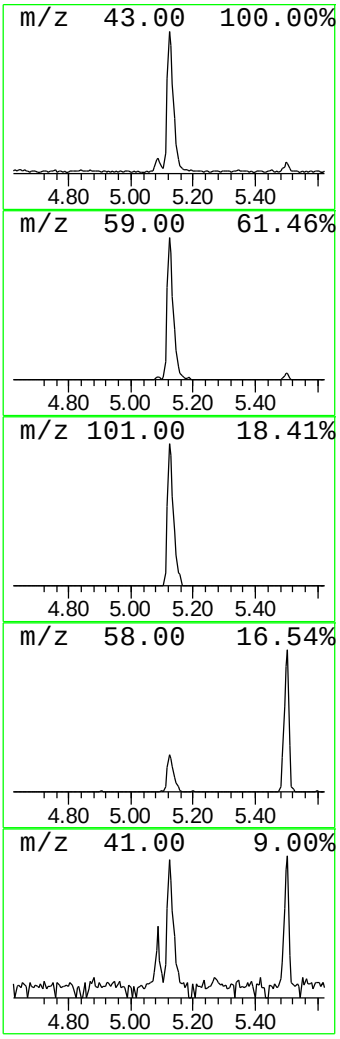
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.16 ng	165891	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	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Operator : SJ/JU
Sample : J1530-47
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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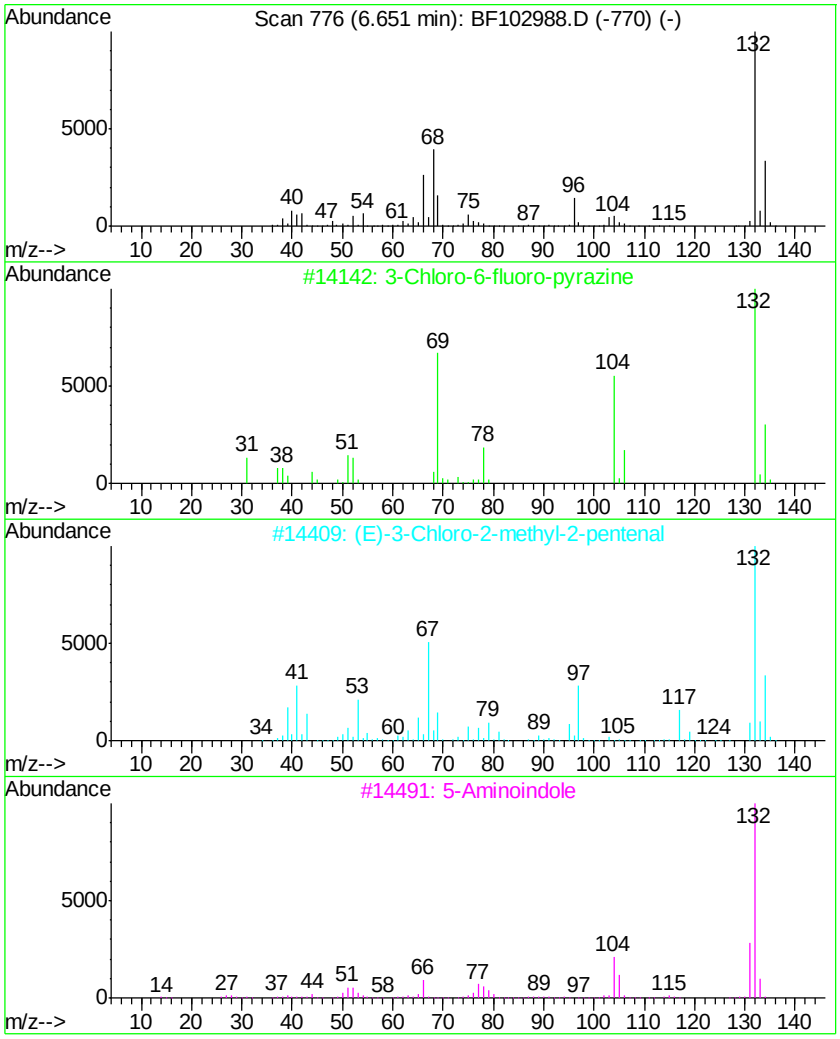
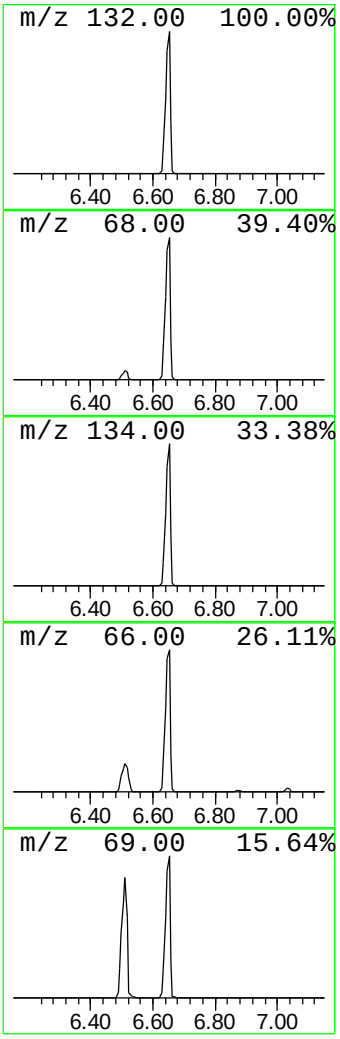
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	89.06 ng	4675780	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-Aminoindole	132	C8H8N2	005192-03-0	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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Instrument : BNA_F
ClientSampleId : WC-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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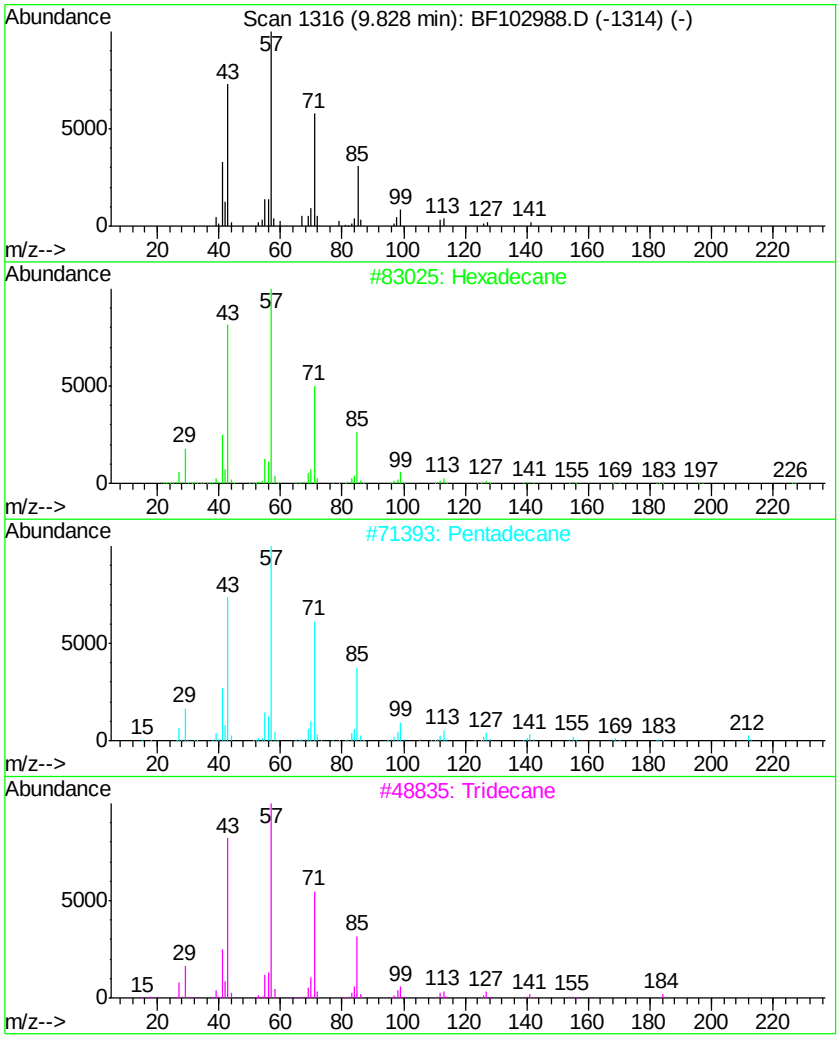
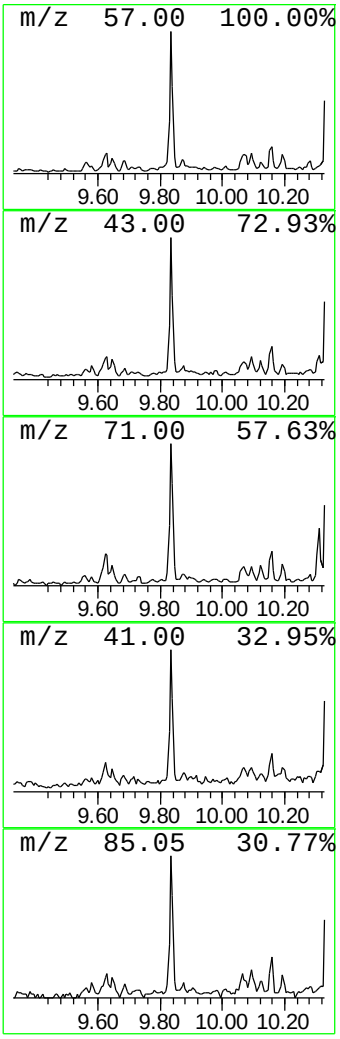
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.22 ng	140726	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-03

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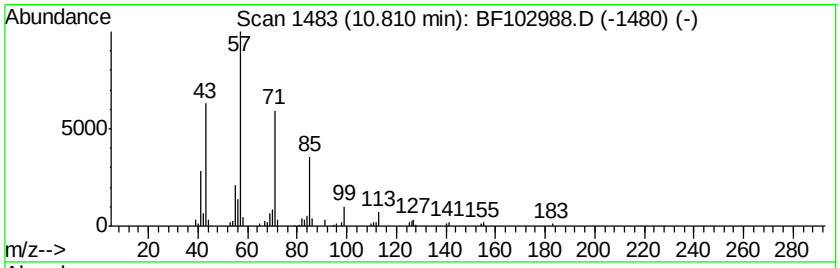
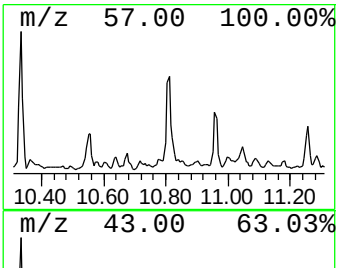
Peak Number 7 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.28 ng	158194	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Instrument : BNA_F
ClientSampleId : WC-03

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

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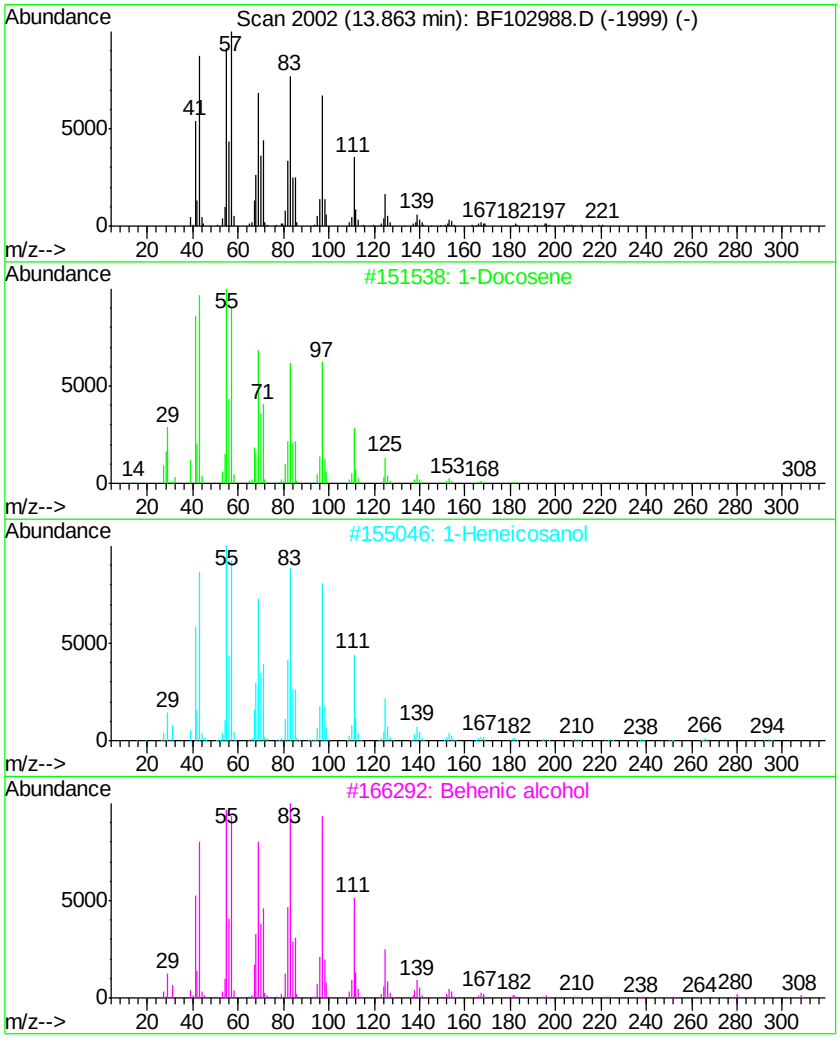
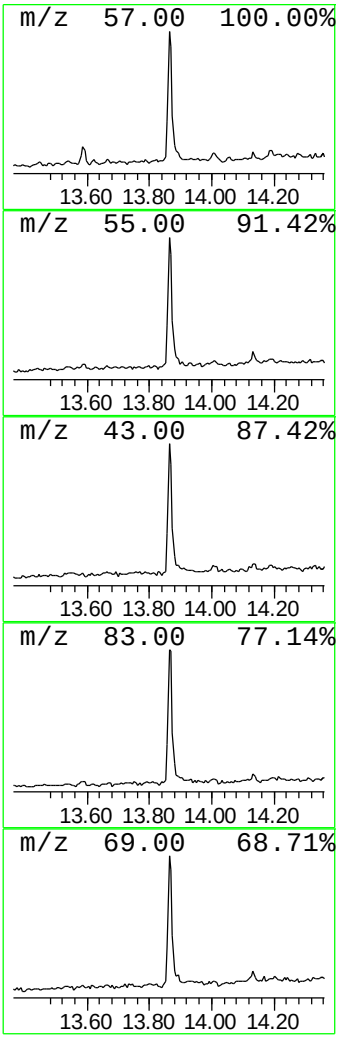
Peak Number 8 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	9.81 ng	425304	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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...	2.18	26.1	ng	1371310	1	6.87	1050000	20.0
2-Pentanone, 4-hy...	5.12	3.2	ng	165891	1	6.87	1050000	20.0
unknown6.65	6.65	89.1	ng	4675780	1	6.87	1050000	20.0
Hexadecane	9.83	2.2	ng	140726	3	9.92	1268860	20.0
2-Bromo dodecane	10.81	3.3	ng	158194	4	11.40	964161	20.0
1-Docosene	13.86	9.8	ng	425304	5	14.04	867315	20.0