LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088270.D
Acq On : 23 Jun 2016 1:08
Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

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-BF060716.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	1.724	10	12	48	rVB	794708	1710596	76.35%	8.058%
2	4.741	274	276	290	rBV	93625	205598	9.18%	0.968%
3	5.187	313	315	330	rBV	1843753	2123926	94.80%	10.005%
4	6.262	407	409	412	rBV	1404492	2165802	96.66%	10.202%
5	6.376	417	419	421	rBV	2139189	2212645	98.76%	10.423%
6	6.604	437	439	441	rBV	485953	459623	20.51%	2.165%
7	6.753	450	452	455	rBV	1384659	1761709	78.63%	8.299%
8	7.176	486	489	492	rBV	1243580	1313669	58.63%	6.188%
9	7.885	550	551	554	rBV	560993	611259	27.28%	2.879%
10	8.970	643	646	648	rBV	2502770	2240531	100.00%	10.554%
11	9.062	651	654	655	rVV	22660	31657	1.41%	0.149%
12	9.130	655	660	662	rVB4	10496	26735	1.19%	0.126%
13	9.370	679	681	683	rBV	238077	207016	9.24%	0.975%
14	9.588	698	700	702	rBV	44942	47664	2.13%	0.225%
15	9.633	702	704	706	rBV	636415	604823	26.99%	2.849%
16	9.839	716	722	724	rBV6	18255	61894	2.76%	0.292%
17	9.965	730	733	734	rBV3	15187	34285	1.53%	0.162%
18	10.079	741	743	745	rBV	61118	58041	2.59%	0.273%
19	10.296	760	762	765	rBV2	35101	47801	2.13%	0.225%
20	10.422	771	773	776	rBV	970333	1064786	47.52%	5.016%
21	10.502	779	780	783	rVV3	13953	30093	1.34%	0.142%
22	10.548	783	784	788	rVB	70470	119044	5.31%	0.561%
23	10.639	788	792	793	rBV4	17936	42154	1.88%	0.199%
24	10.753	800	802	803	rBV	22759	28156	1.26%	0.133%
25	10.993	822	823	825	rBV	57591	76092	3.40%	0.358%
26	11.028	825	826	827	rVB	58756	41172	1.84%	0.194%
27	11.119	832	834	837	rBV2	382023	590800	26.37%	2.783%
28	11.725	885	887	888	rBV2	34014	27220	1.21%	0.128%
29	12.171	924	926	927	rBV	48357	76473	3.41%	0.360%
30	12.319	937	939	941	rBV	188586	219384	9.79%	1.033%
31	12.548	956	959	961	rBV	194464	248005	11.07%	1.168%
32	12.697	970	972	975	rBV	1409941	1533702	68.45%	7.225%
33	13.748	1061	1064	1068	rBV2	512723	778423	34.74%	3.667%
34	15.120	1182	1184	1190	rVB2	222567	427948	19.10%	2.016%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 21228726

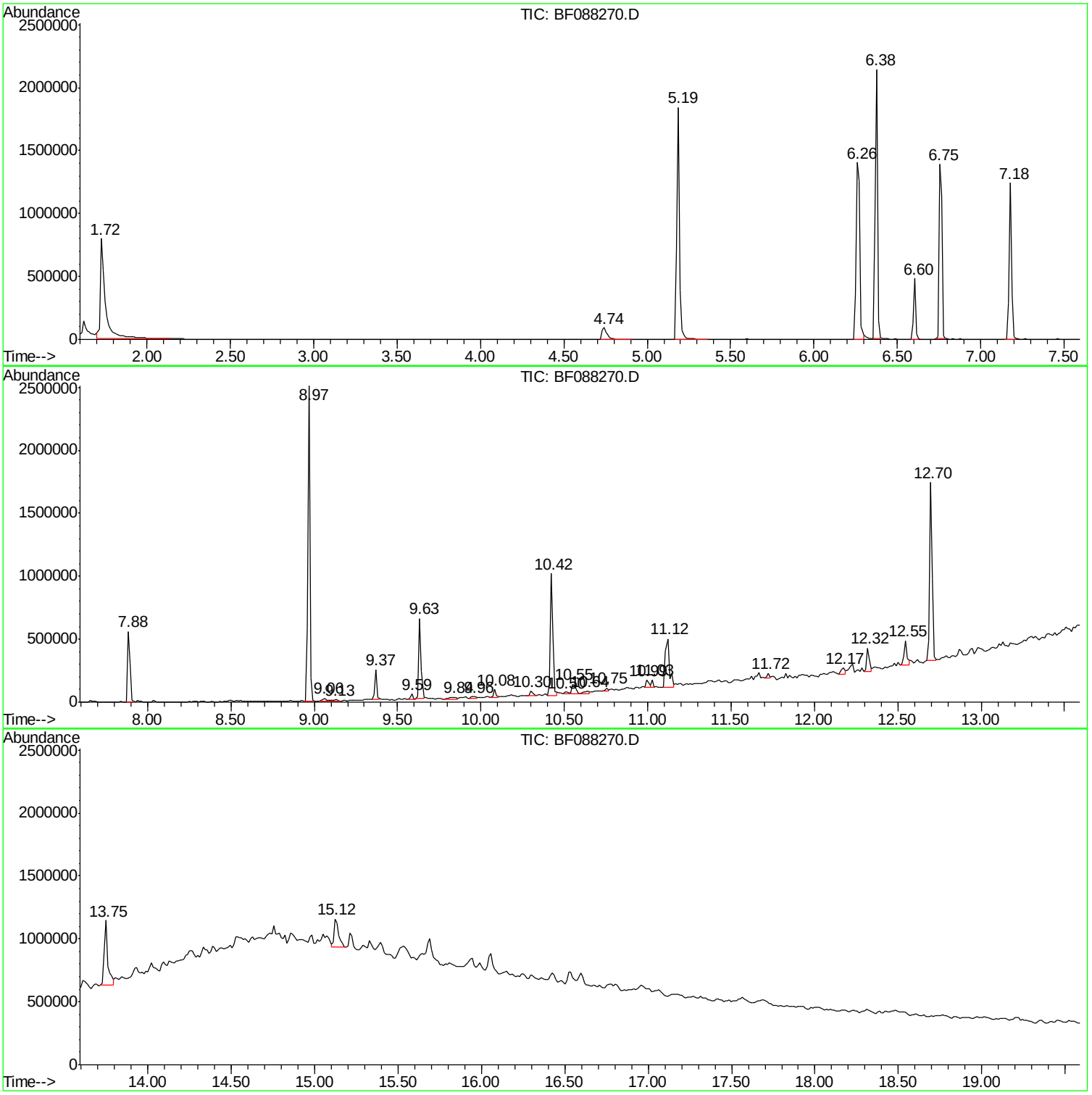
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088270.D
Acq On : 23 Jun 2016 1:08
Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF062216\
Data File : BF088270.D
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Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

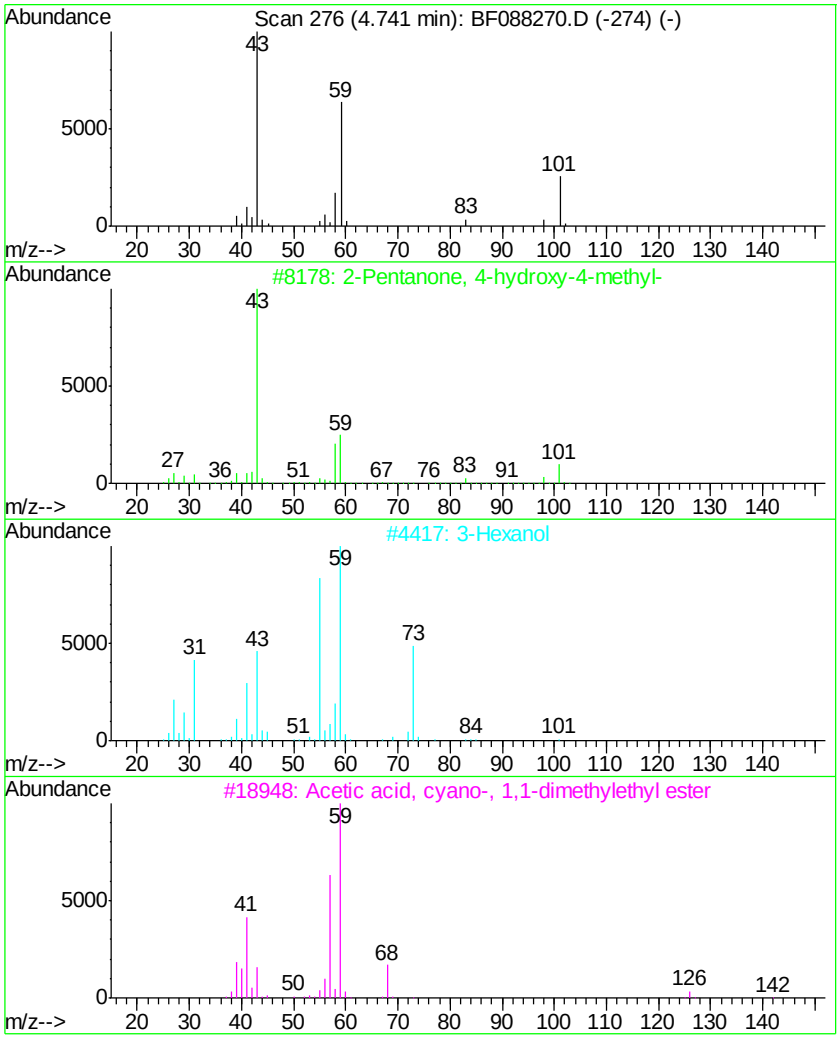
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

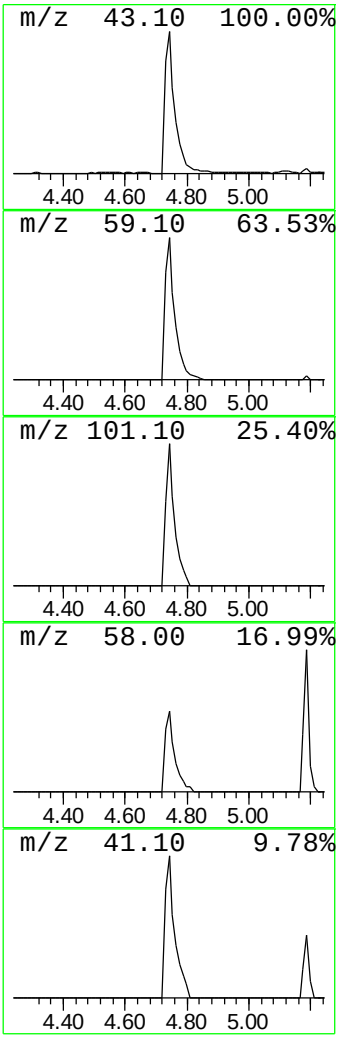
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.95 ng	205598	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088270.D
Acq On : 23 Jun 2016 1:08
Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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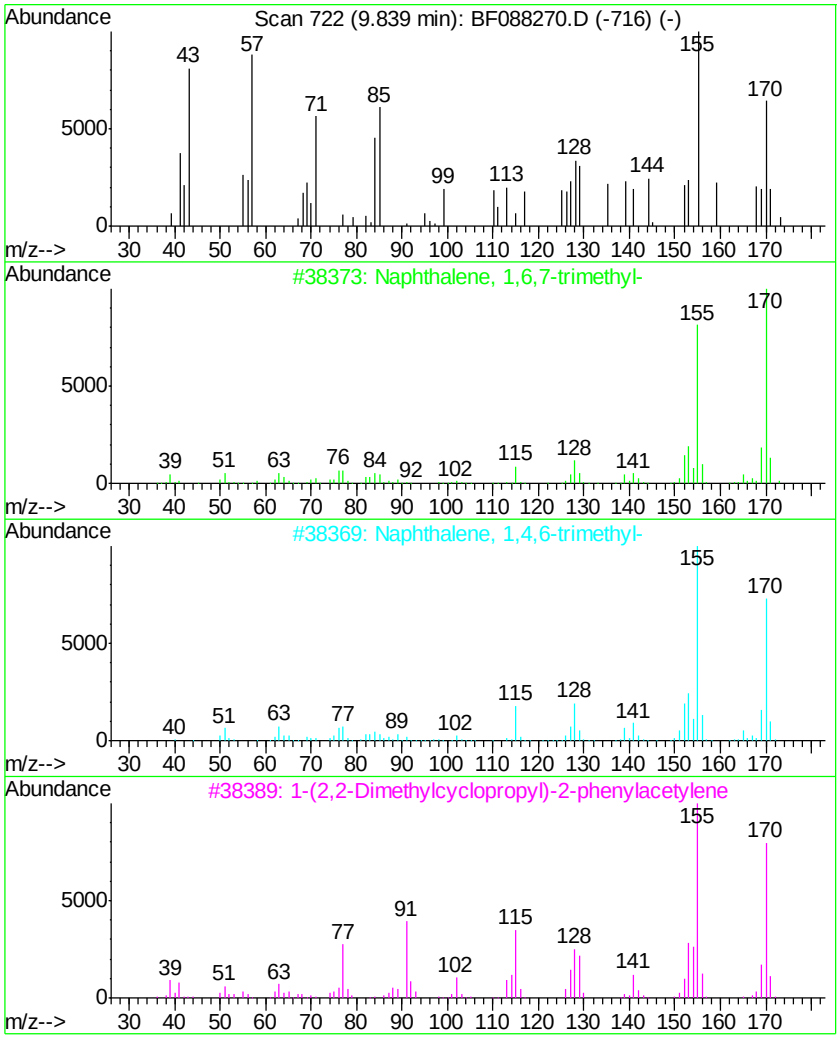
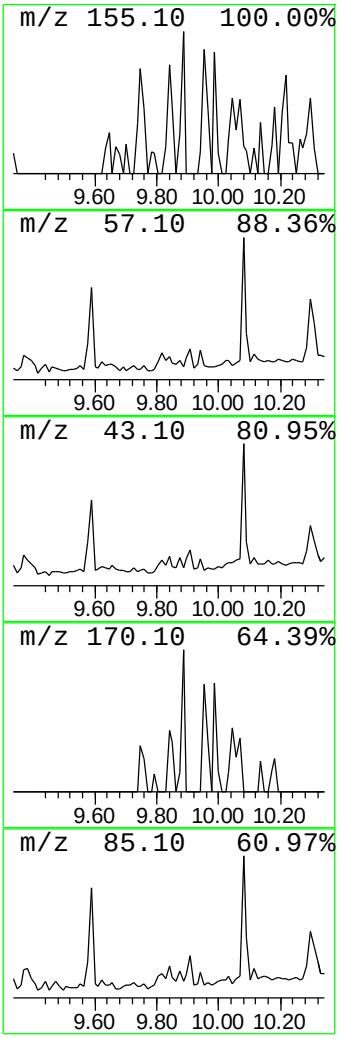
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.05 ng	61894	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	37
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
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Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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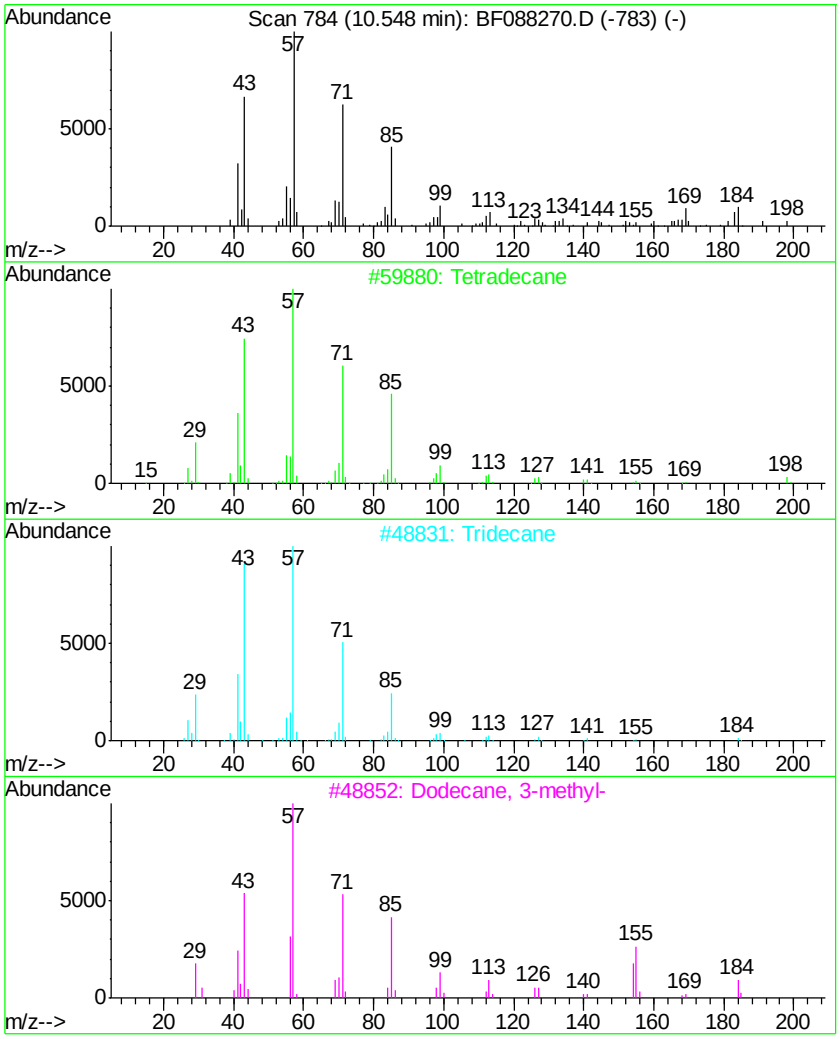
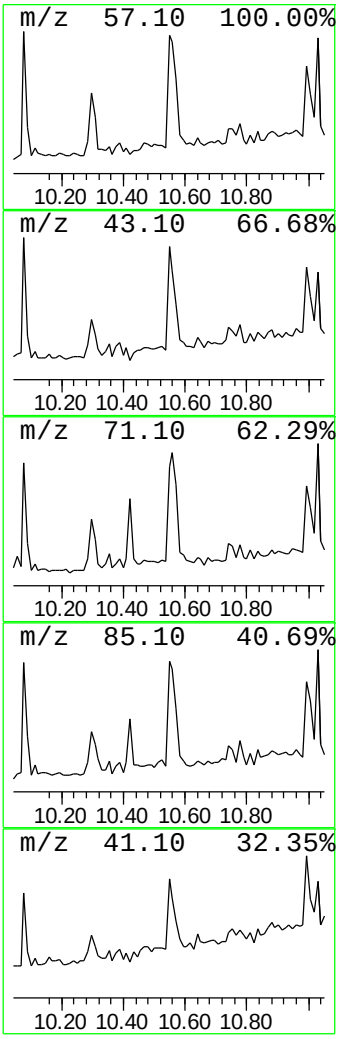
Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.03 ng	119044	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	81
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	81
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Octacosane	394	C28H58	000630-02-4	74





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Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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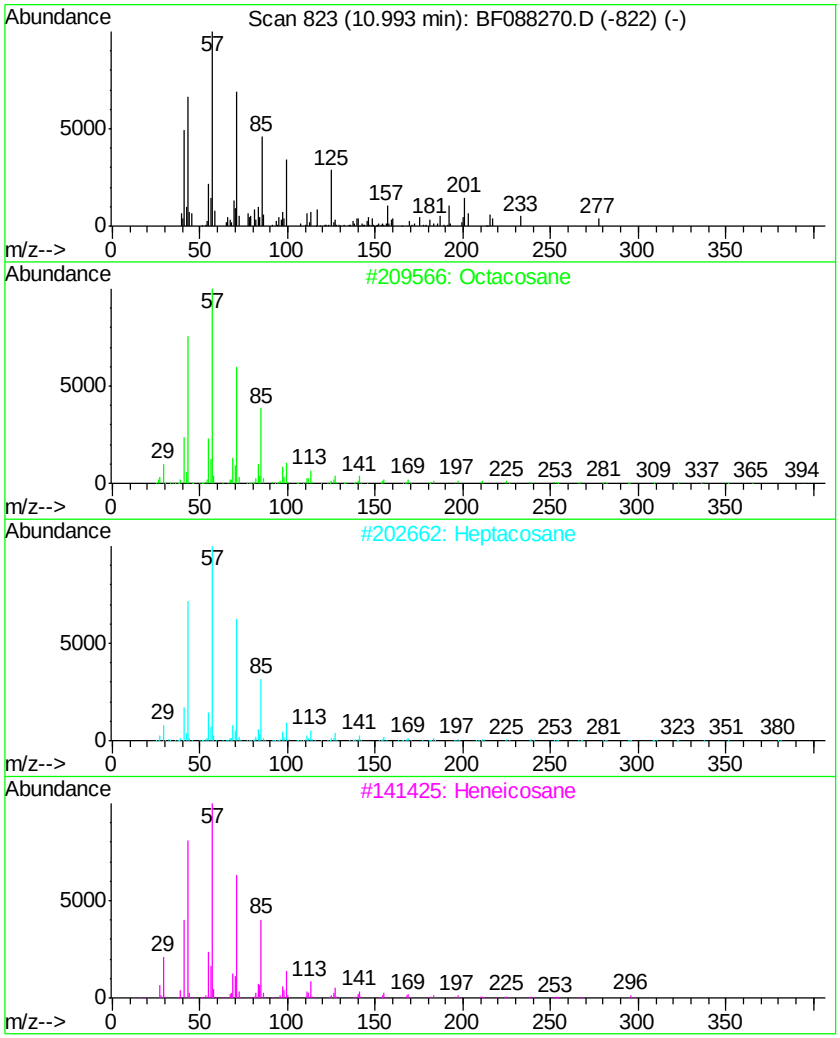
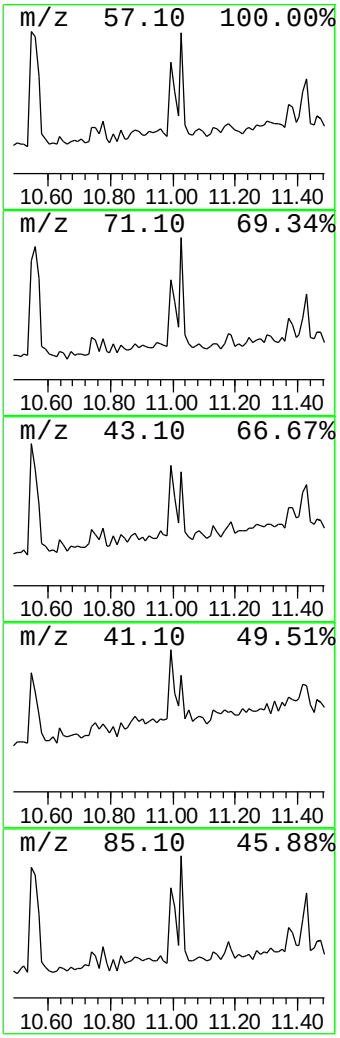
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	2.58 ng	76092	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	53
2	Heptacosane	380	C27H56	000593-49-7	49
3	Heneicosane	296	C21H44	000629-94-7	49
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	46





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Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B1(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

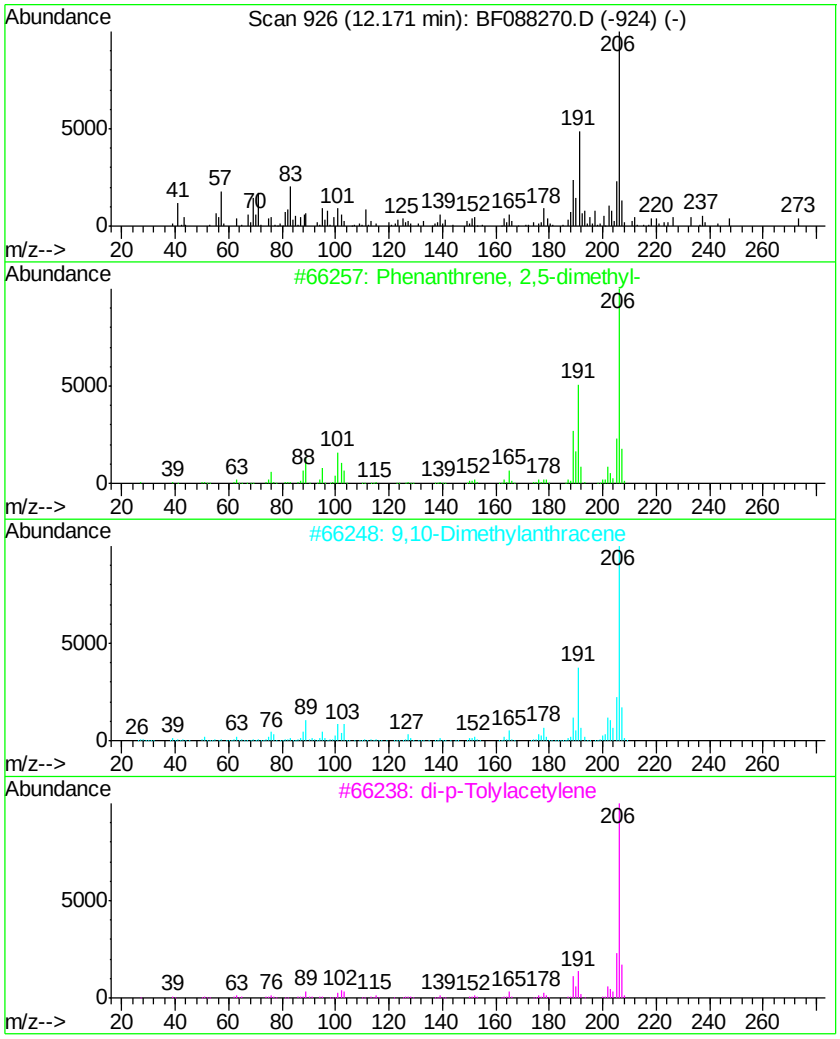
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

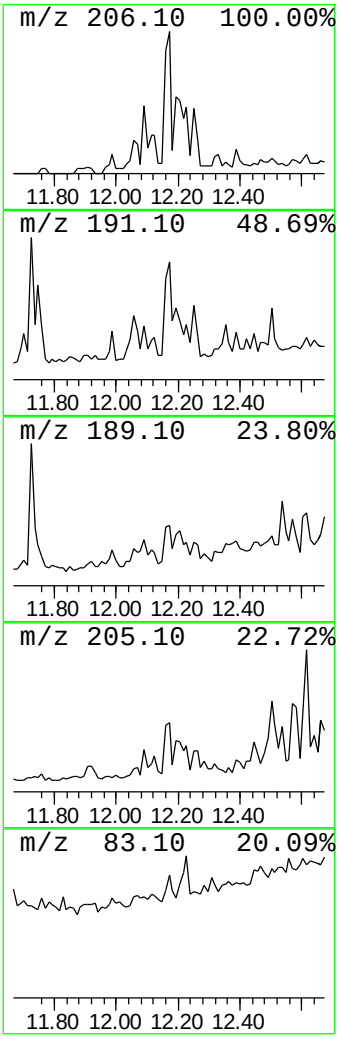
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.59 ng	76473	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78





Tentatively Identified Compound (LSC) summary

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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...	4.74	8.9	ng	205598	1	6.60	459623	20.0
Naphthalene, 1,6,...	9.84	2.0	ng	61894	3	9.63	604823	20.0
Tetradecane	10.55	4.0	ng	119044	4	11.12	590800	20.0
Octacosane	10.99	2.6	ng	76092	4	11.12	590800	20.0
Phenanthrene, 2,5...	12.17	2.6	ng	76473	4	11.12	590800	20.0