LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088263.D
Acq On : 22 Jun 2016 21:45
Operator : UM/SJ
Sample : H3676-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCHC-010

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	11	12	39	rVB	755280	1477008	68.90%	7.924%
2	4.730	273	275	292	rBV	187032	325675	15.19%	1.747%
3	5.187	312	315	331	rBV	1564437	1732967	80.84%	9.297%
4	6.262	407	409	411	rBV	1606404	1772080	82.66%	9.506%
5	6.376	417	419	421	rBV	1462123	1848146	86.21%	9.915%
6	6.604	437	439	446	rBB	407789	411588	19.20%	2.208%
7	6.753	450	452	455	rBV	1436455	1388704	64.78%	7.450%
8	7.176	487	489	491	rBV	1223959	1200014	55.98%	6.438%
9	7.885	549	551	554	rBV	602662	613981	28.64%	3.294%
10	8.970	643	646	648	rBV	2213725	2143739	100.00%	11.500%
11	9.370	679	681	683	rBV	216348	183202	8.55%	0.983%
12	9.633	702	704	707	rVB	688981	658875	30.73%	3.535%
13	10.079	741	743	745	rBV	33660	26265	1.23%	0.141%
14	10.422	771	773	776	rBV	1163415	1089548	50.82%	5.845%
15	10.548	782	784	789	rVB	40364	50400	2.35%	0.270%
16	10.993	821	823	825	rBV	23503	24302	1.13%	0.130%
17	11.108	832	833	836	rBV	474518	623590	29.09%	3.345%
18	12.696	970	972	974	rBV	1694236	1632221	76.14%	8.756%
19	13.622	1047	1053	1056	rBV5	30083	108103	5.04%	0.580%
20	13.737	1061	1063	1068	rBV	349262	529969	24.72%	2.843%
21	13.919	1077	1079	1081	rBV	23038	30936	1.44%	0.166%
22	14.011	1085	1087	1091	rBV4	17368	39169	1.83%	0.210%
23	14.079	1091	1093	1095	rBV2	17368	26228	1.22%	0.141%
24	15.108	1180	1183	1188	rVB	361449	450233	21.00%	2.415%
25	15.497	1214	1217	1222	rBV3	27359	66680	3.11%	0.358%
26	15.668	1230	1232	1240	rVB3	41458	96692	4.51%	0.519%
27	16.023	1261	1263	1268	rVB3	29304	62431	2.91%	0.335%
28	16.503	1303	1305	1307	rVB2	19501	28080	1.31%	0.151%

Sum of corrected areas: 18640826

LSC Report - Integrated Chromatogram

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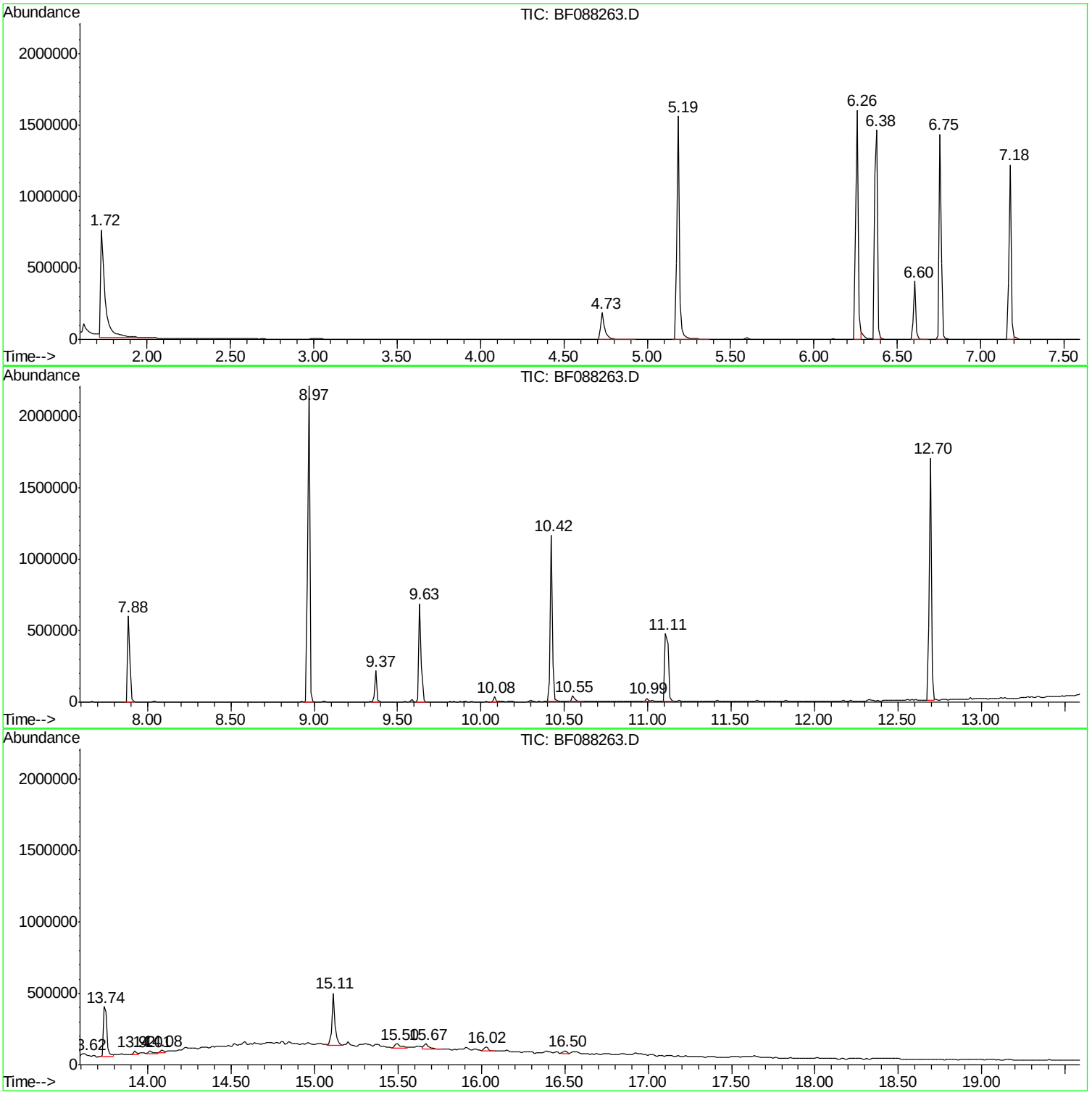
Instrument : BNA_F
ClientSampleId : NCHC-010

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

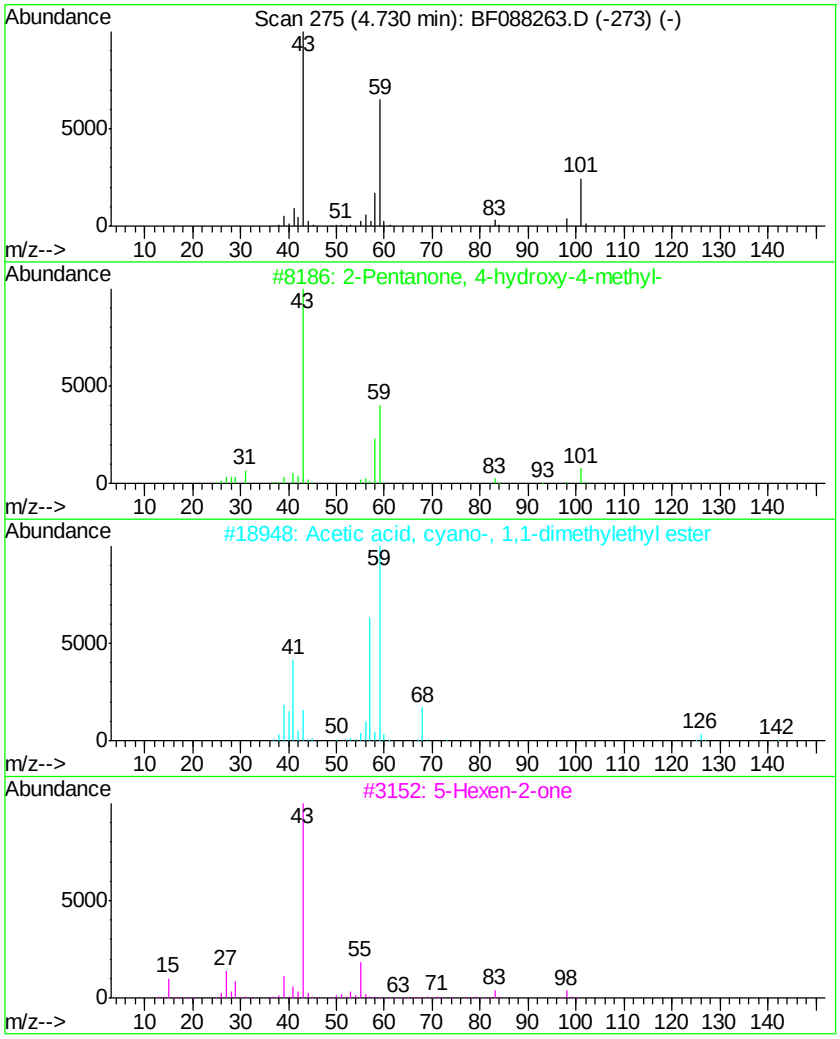
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

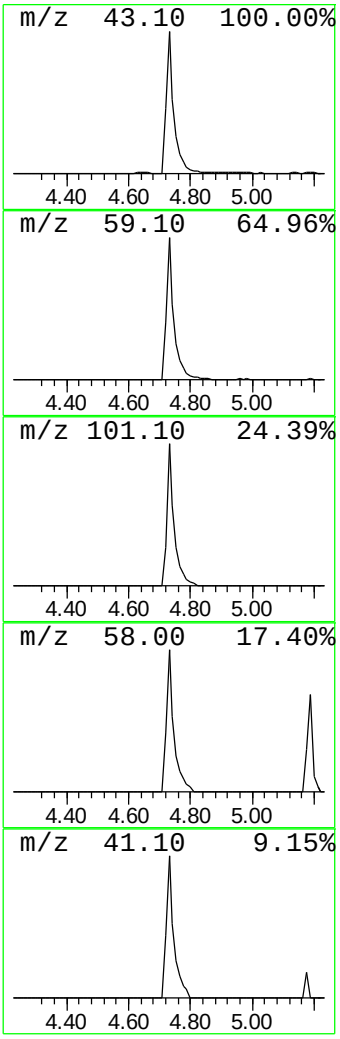
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	15.83 ng	325675	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H3676-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCHC-010

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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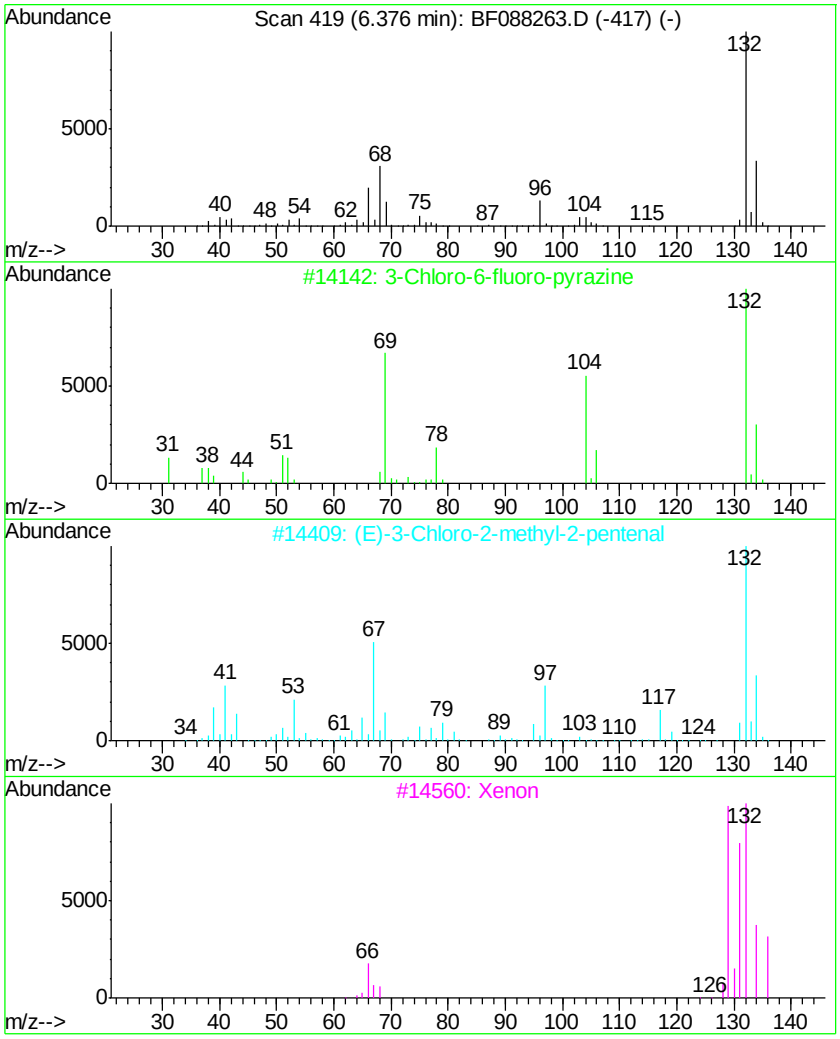
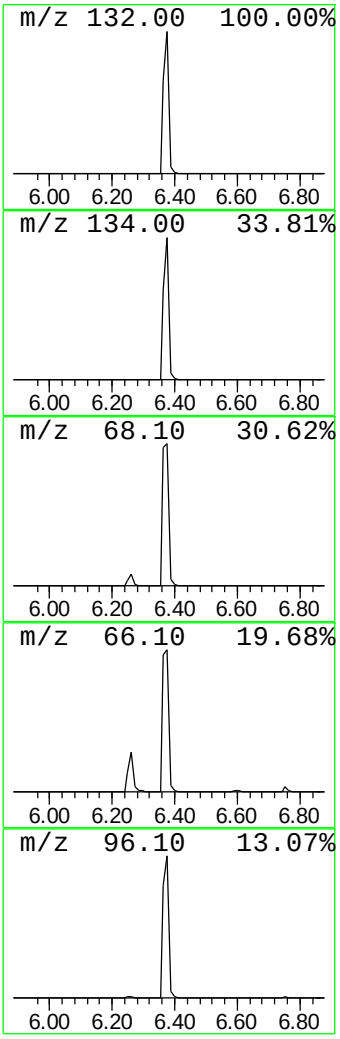
Peak Number 3 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	89.81 ng	1848150	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H3676-03
Misc :
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Instrument : BNA_F
ClientSampleId : NCHC-010

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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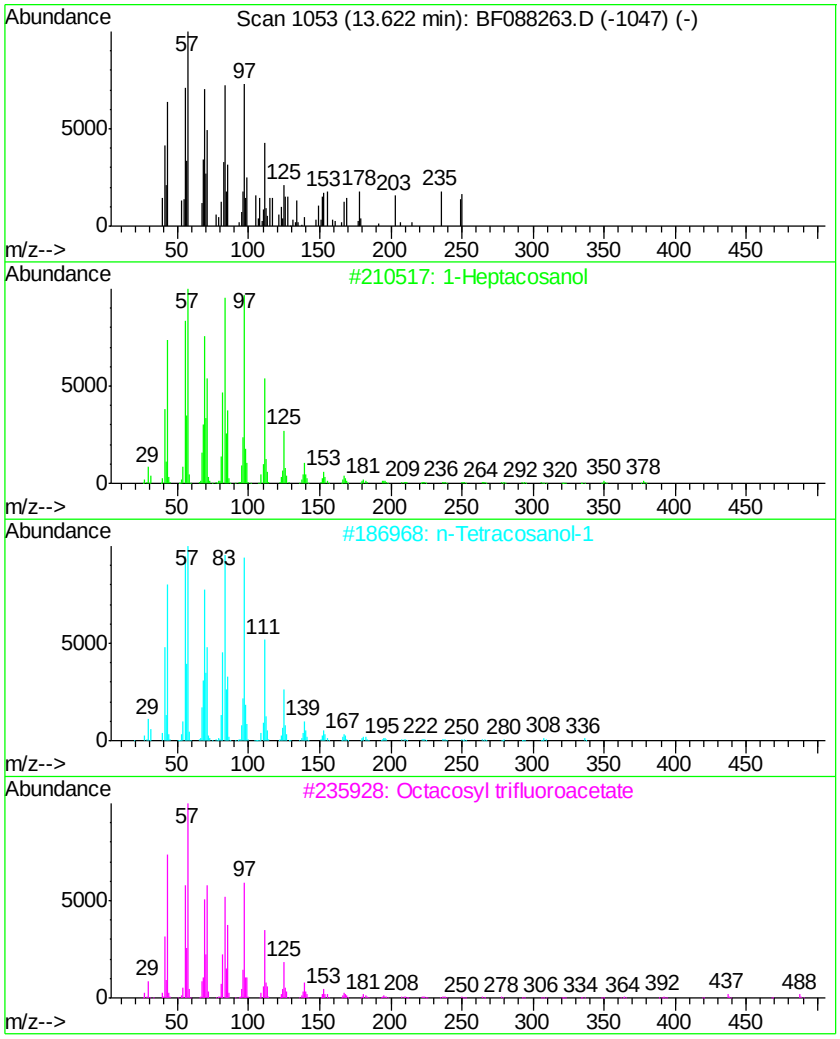
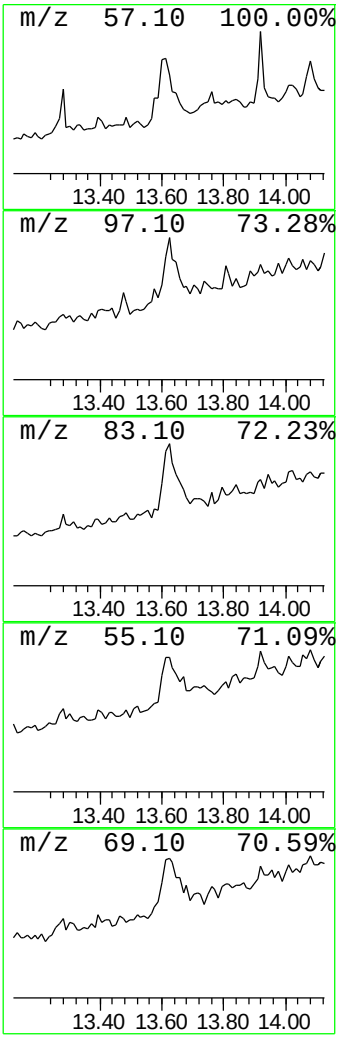
Peak Number 5 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.08 ng	108103	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
4	Octacosyl acetate	452	C30H60O2	018206-97-8	87
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83





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ClientSampleId : NCHC-010

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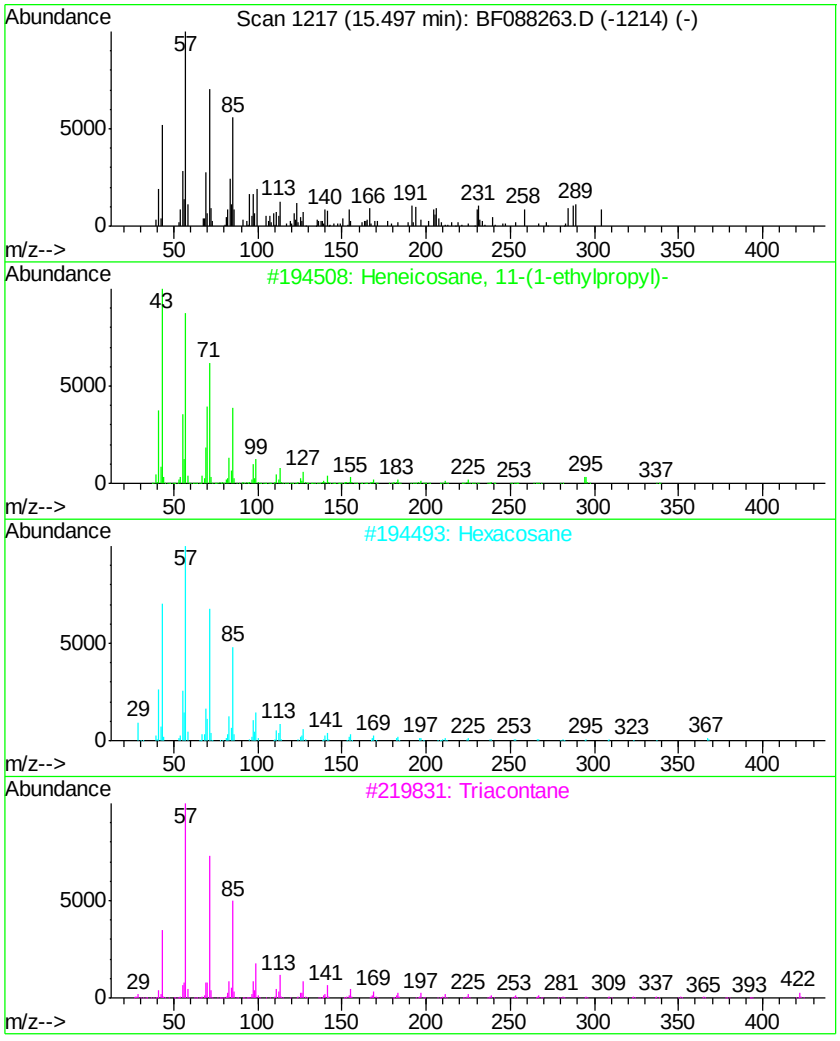
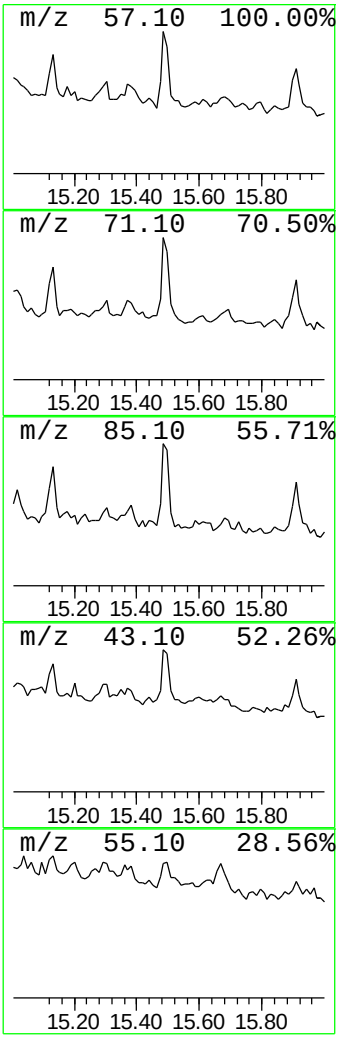
Peak Number 6 unknown15.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.96 ng	66680	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	49
2	Hexacosane	366	C26H54	000630-01-3	49
3	Triacontane	422	C30H62	000638-68-6	46
4	Eicosane	282	C20H42	000112-95-8	46
5	Tetratetracontane	619	C44H90	007098-22-8	46





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Operator : UM/SJ
Sample : H3676-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCHC-010

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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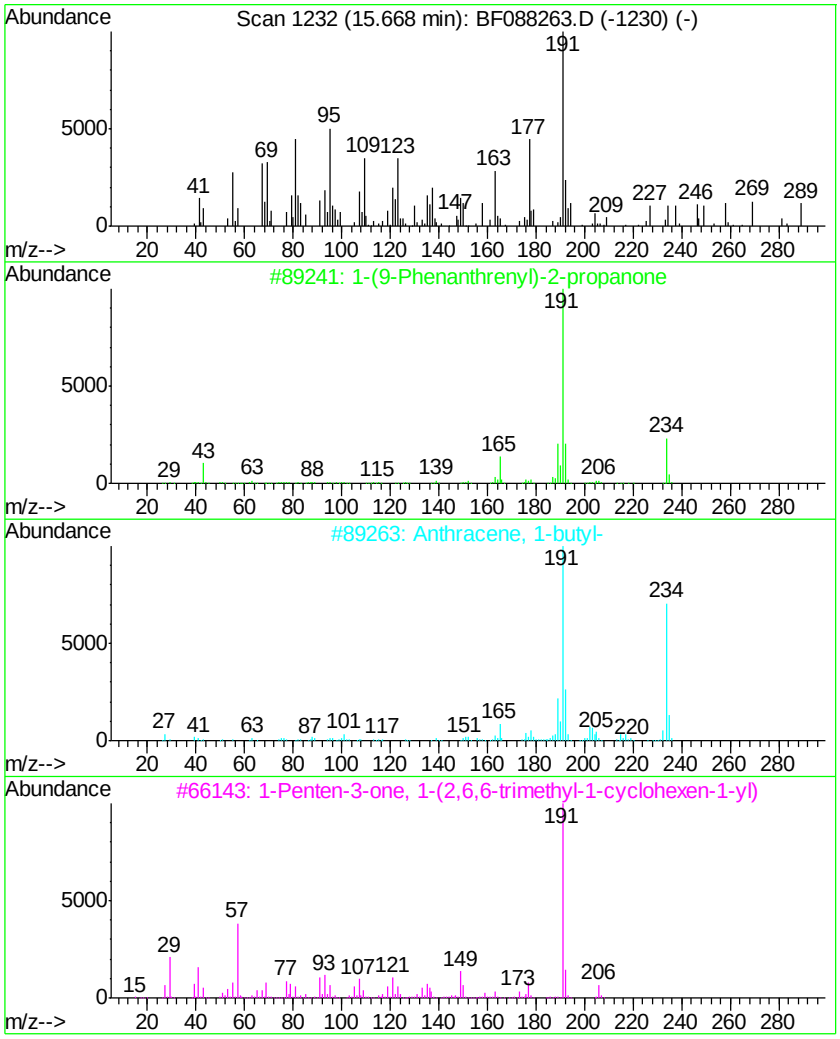
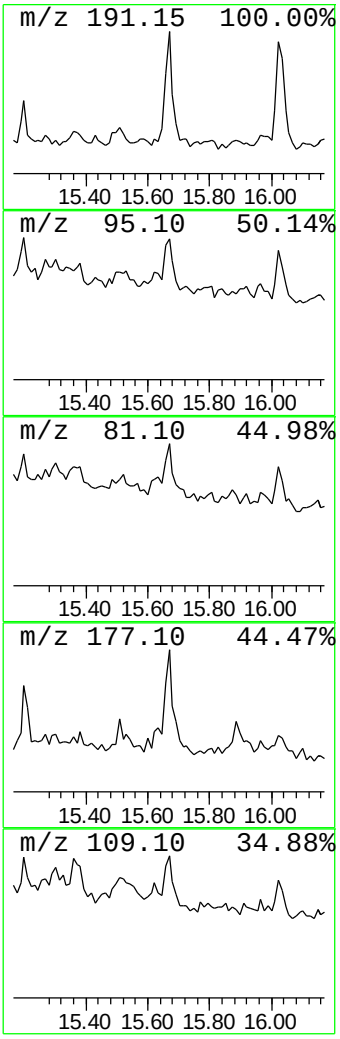
Peak Number 7 unknown15.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.30 ng	96692	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(9-Phenanthrenyl)-2-propanone	234	C17H14O	1000326-08-9	35
2	Anthracene, 1-butyl-	234	C18H18	1000156-51-7	35
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
5	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	27





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Instrument :
BNA_F
ClientSampleId :
NCHC-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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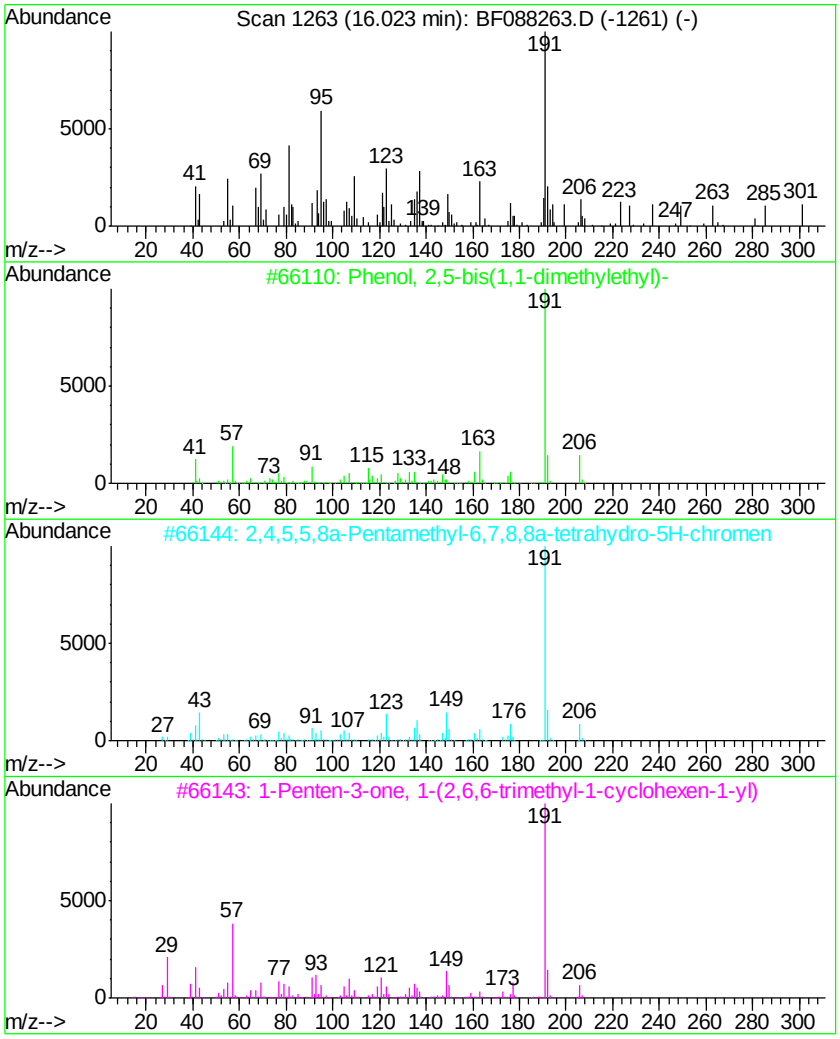
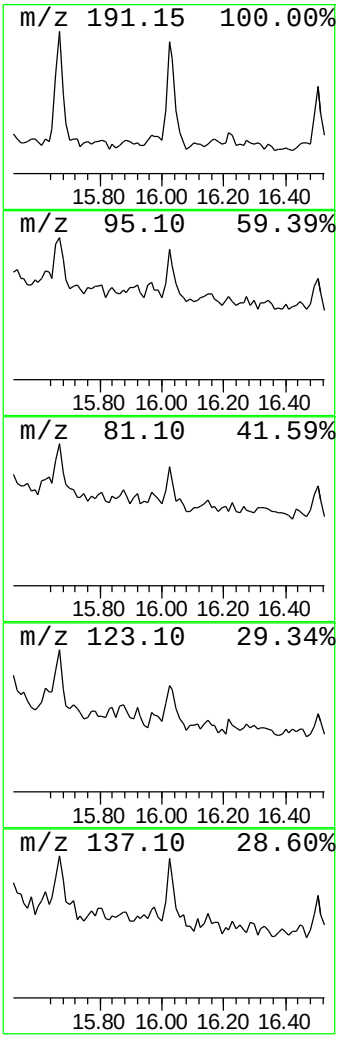
Peak Number 8 unknown16.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.77 ng	62431	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	47
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	46
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	45
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.73	15.8	ng	325675	1	6.60	411588	20.0
unknown6.38	6.38	89.8	ng	1848150	1	6.60	411588	20.0
1-Heptacosanol	13.62	4.1	ng	108103	5	13.75	529969	20.0
unknown15.50	15.50	3.0	ng	66680	6	15.11	450233	20.0
unknown15.67	15.67	4.3	ng	96692	6	15.11	450233	20.0
unknown16.02	16.02	2.8	ng	62431	6	15.11	450233	20.0