LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078696.D
Acq On : 21 Apr 2015 21:38
Operator : TP/IZ
Sample : G1938-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-71D

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-BF040115.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	1.415	19	20	26	rBV	324538	529405	21.84%	4.510%
2	1.507	26	28	56	rVB	1221498	2423991	100.00%	20.651%
3	3.324	185	187	193	rBV	130438	168897	6.97%	1.439%
4	3.838	229	232	244	rVB	632233	795463	32.82%	6.777%
5	5.324	359	362	371	rVB	686050	798472	32.94%	6.803%
6	5.462	371	374	376	rBV	572135	859345	35.45%	7.321%
7	5.816	403	405	408	rBV	165498	200385	8.27%	1.707%
8	6.056	423	426	429	rBV	539296	618969	25.54%	5.273%
9	6.753	484	487	490	rBV	356563	493986	20.38%	4.209%
10	7.976	591	594	597	rBV	235682	281104	11.60%	2.395%
11	9.988	767	770	773	rBV	690534	946609	39.05%	8.065%
12	10.788	838	840	843	rBB	19048	27107	1.12%	0.231%
13	11.165	870	873	876	rBB	262575	337482	13.92%	2.875%
14	12.639	998	1002	1005	rBV	439238	613274	25.30%	5.225%
15	13.897	1109	1112	1115	rBV	261357	352495	14.54%	3.003%
16	15.840	1279	1282	1285	rVB2	41064	64167	2.65%	0.547%
17	16.434	1331	1334	1336	rBV	933694	1084104	44.72%	9.236%
18	17.737	1445	1448	1449	rBV	86159	157317	6.49%	1.340%
19	17.760	1449	1450	1453	rVB	317556	394635	16.28%	3.362%
20	17.897	1459	1462	1464	rVB	35935	38638	1.59%	0.329%
21	19.463	1596	1599	1601	rBV	309675	424961	17.53%	3.620%
22	20.057	1645	1651	1654	rBV6	20236	67598	2.79%	0.576%
23	21.783	1799	1802	1808	rBV3	8731	26991	1.11%	0.230%
24	23.498	1948	1952	1957	rBV6	10983	32406	1.34%	0.276%

Sum of corrected areas: 11737801

LSC Report - Integrated Chromatogram

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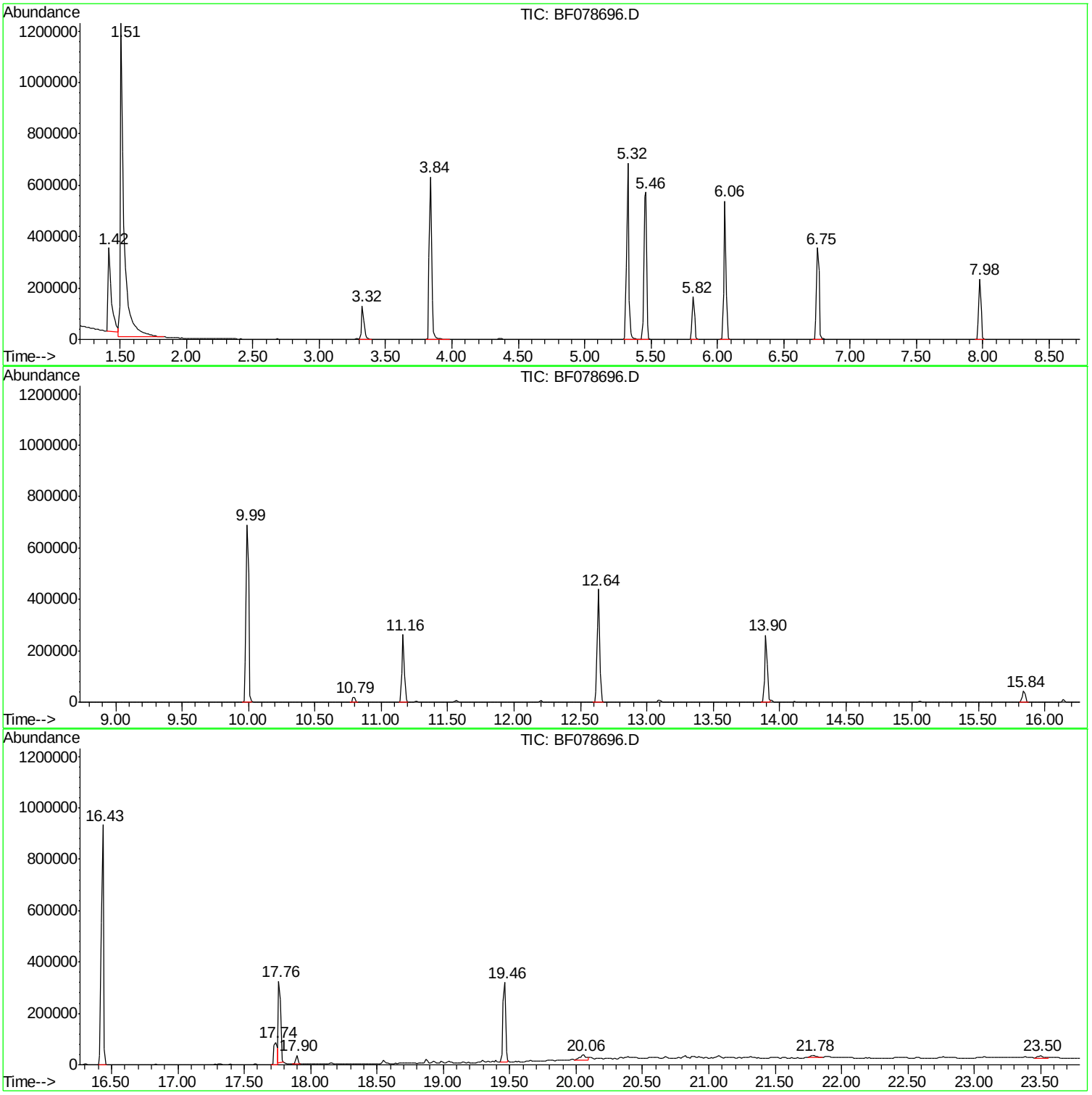
ClientSampleId : SB-71D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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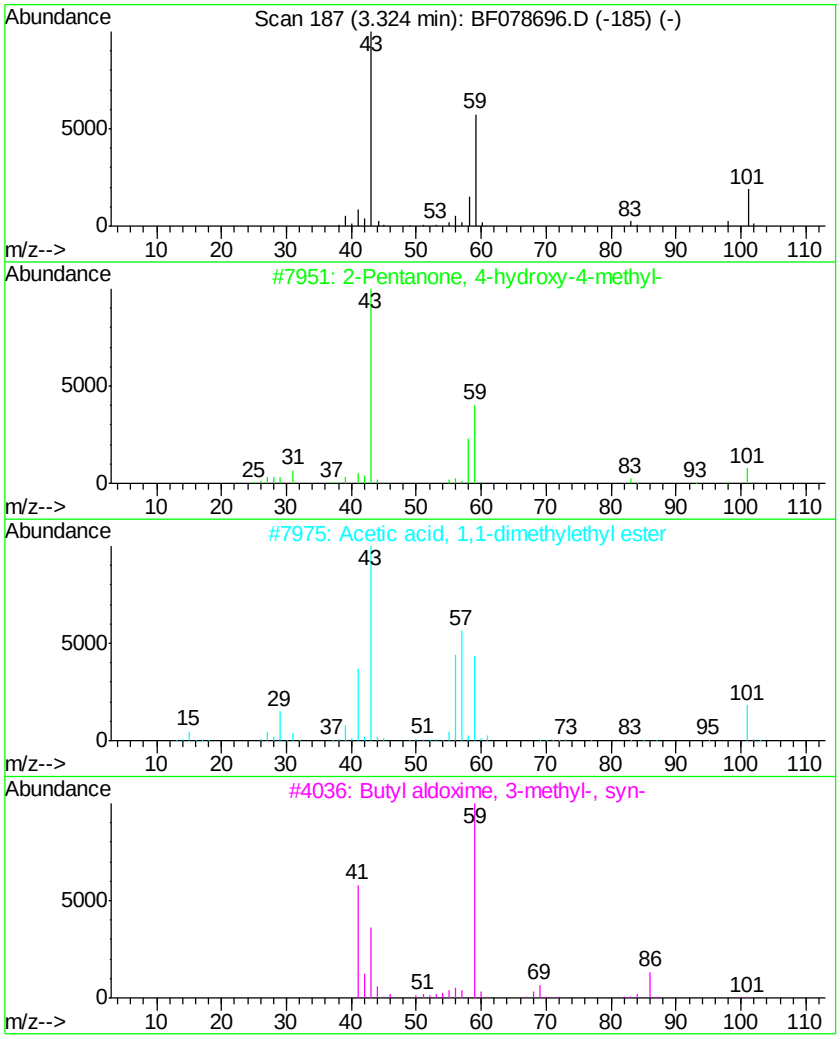
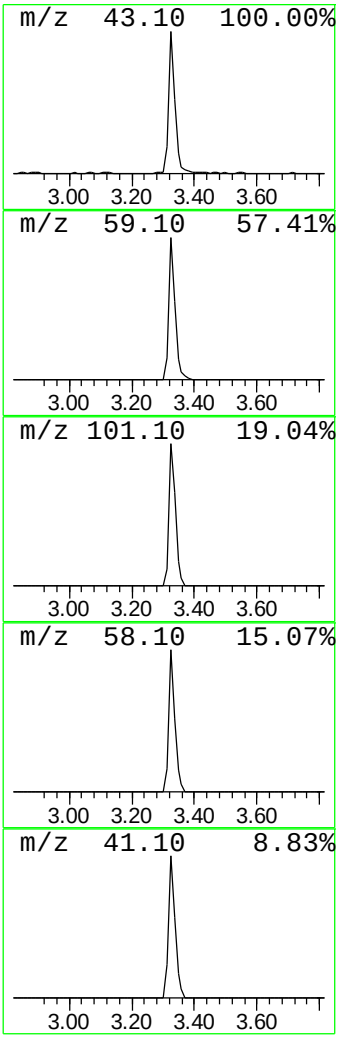
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	16.86 ng	168897	1,4-Dichlorobenzene-d4	5.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078696.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-71D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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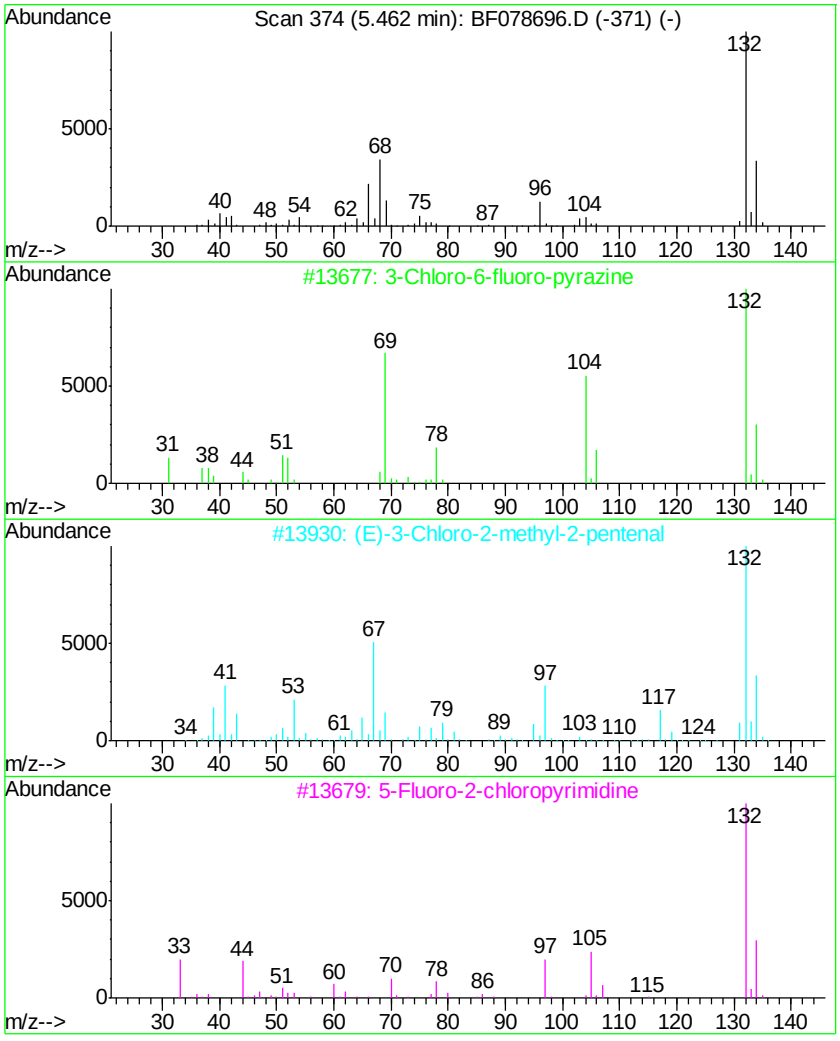
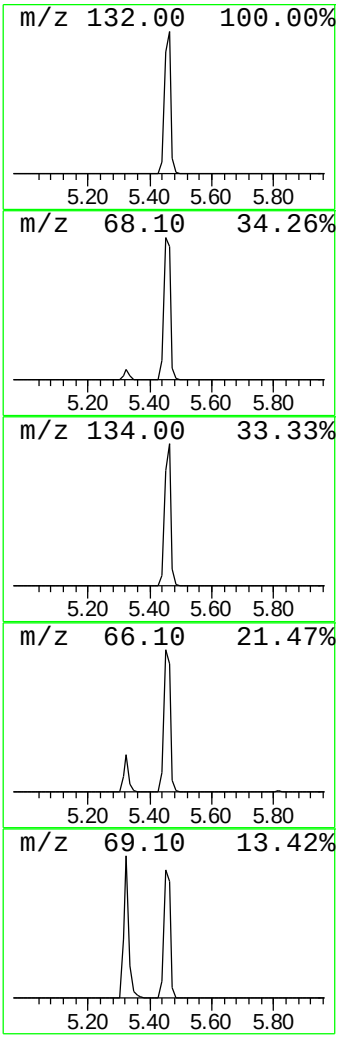
Peak Number 4 unknown5.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	85.77 ng	859345	1,4-Dichlorobenzene-d4	5.82

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : TP/IZ
Sample : G1938-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-71D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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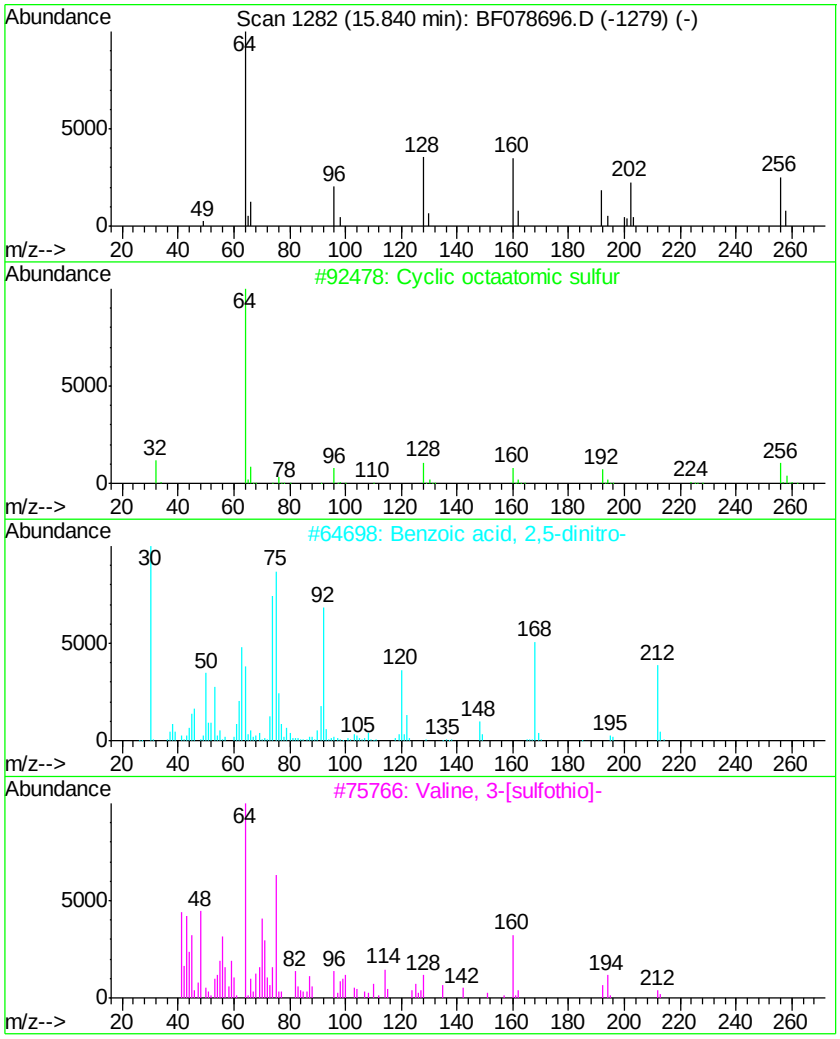
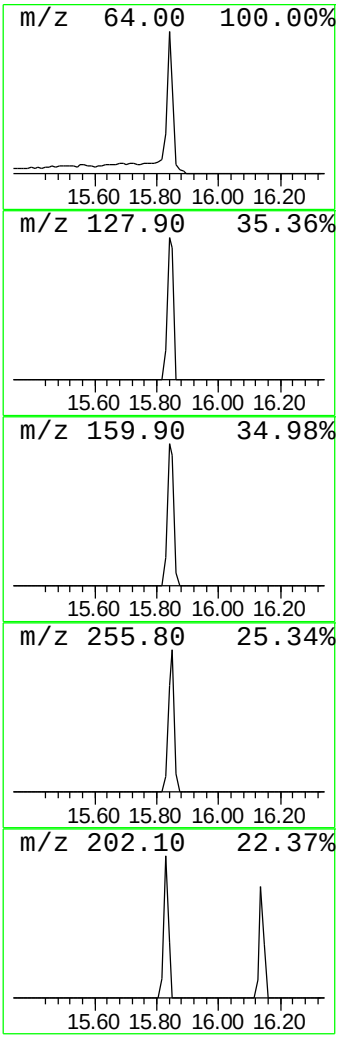
Peak Number 6 Cyclic octaatomic sulfur Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.25 ng	64167	Chrysene-d12	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	86
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	53
3	Valine, 3-[sulfothio]-	229	C5H11NO5S2	055631-63-5	40
4	N,N'-Pentamethylenebis[s-3-amino...	410	C11H26N2O6S4	035871-54-6	38
5	Sulfur dioxide	64	O2S	007446-09-5	4





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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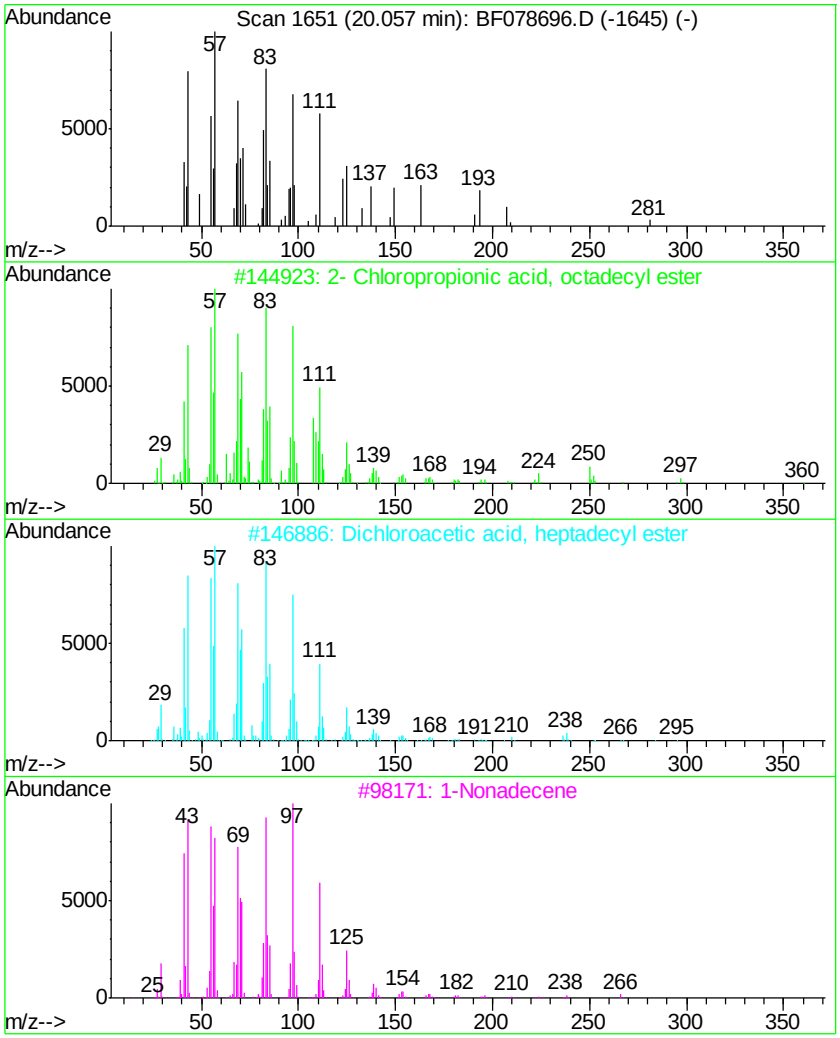
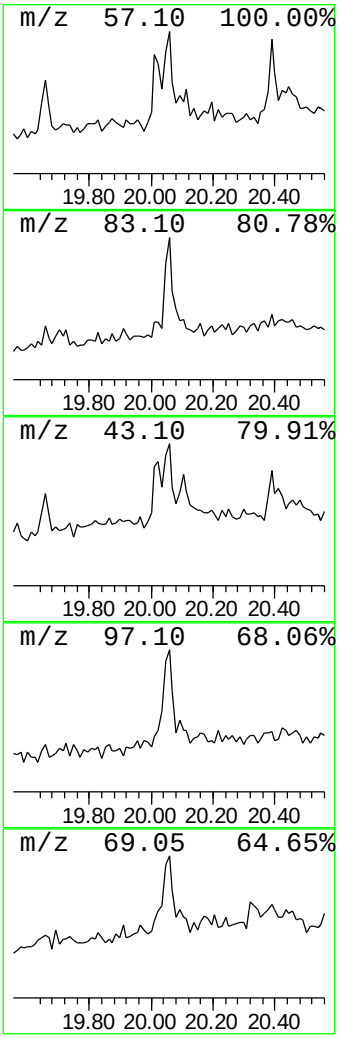
Peak Number 7 unknown20.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.18 ng	67598	Perylene-d12	19.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	49
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	49
3	1-Nonadecene	266	C19H38	018435-45-5	49
4	1-Octadecanol	270	C18H38O	000112-92-5	47
5	1-Eicosanol	298	C20H42O	000629-96-9	47





Tentatively Identified Compound (LSC) summary

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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.32	16.9	ng	168897	1	5.82	200385	20.0
unknown5.46	5.46	85.8	ng	859345	1	5.82	200385	20.0
Cyclic octaatomic...	15.84	3.3	ng	64167	5	17.76	394635	20.0
unknown20.06	20.06	3.2	ng	67598	6	19.46	424961	20.0