LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104986.D
Acq On : 1 May 2018 16:21
Operator : JU/SJ
Sample : J2616-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-2

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-BF040618.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	4.351	380	385	405	rVB	464989	572613	15.16%	2.949%
2	5.022	488	499	502	rBV	1871456	3777198	100.00%	19.455%
3	5.410	563	565	578	rBV	33639	47016	1.24%	0.242%
4	6.422	734	737	754	rVV	724777	810358	21.45%	4.174%
5	6.557	757	760	764	rBV	194936	151618	4.01%	0.781%
6	6.786	796	799	803	rBV	765876	623037	16.49%	3.209%
7	6.845	806	809	817	rVB	52456	45808	1.21%	0.236%
8	6.945	822	826	829	rBV	2086240	1799627	47.64%	9.269%
9	7.357	891	896	899	rBV	1446328	1347865	35.68%	6.942%
10	8.075	1014	1018	1034	rVB	971221	872403	23.10%	4.493%
11	9.151	1196	1201	1204	rBV	3028837	2656221	70.32%	13.681%
12	9.545	1262	1268	1271	rBV	217223	195145	5.17%	1.005%
13	9.751	1300	1303	1307	rBV	54718	43279	1.15%	0.223%
14	9.827	1313	1316	1326	rVB	991451	962415	25.48%	4.957%
15	10.251	1386	1388	1391	rVB	72634	54900	1.45%	0.283%
16	10.727	1466	1469	1473	rBV	73314	81035	2.15%	0.417%
17	11.174	1540	1545	1547	rBV	53253	46009	1.22%	0.237%
18	11.204	1547	1550	1556	rVB4	35732	41787	1.11%	0.215%
19	11.321	1566	1570	1577	rBV	1008512	940165	24.89%	4.842%
20	11.604	1615	1618	1621	rBV	52023	41137	1.09%	0.212%
21	12.010	1685	1687	1690	rVB	51706	39017	1.03%	0.201%
22	12.404	1751	1754	1757	rVB	37982	37884	1.00%	0.195%
23	12.504	1768	1771	1775	rBV4	26974	39921	1.06%	0.206%
24	12.539	1775	1777	1780	rBV	58768	57123	1.51%	0.294%
25	12.774	1815	1817	1821	rVB	64664	52188	1.38%	0.269%
26	12.915	1834	1841	1844	rBV	2277157	2224161	58.88%	11.456%
27	13.021	1857	1859	1865	rVB3	39514	57053	1.51%	0.294%
28	13.839	1995	1998	2006	rVB	262737	322280	8.53%	1.660%
29	13.992	2022	2024	2026	rBV	78286	70865	1.88%	0.365%
30	14.027	2026	2030	2034	rVB	674656	630775	16.70%	3.249%
31	14.233	2063	2065	2069	rVB3	43061	44267	1.17%	0.228%
32	15.598	2291	2297	2304	rBV	442067	635744	16.83%	3.274%
33	16.045	2370	2373	2379	rBV3	24535	40283	1.07%	0.207%
34	16.109	2379	2384	2391	rVB9	25352	54284	1.44%	0.280%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2616-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-2

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 19415481

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
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Operator : JU/SJ
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Instrument :
BNA_F
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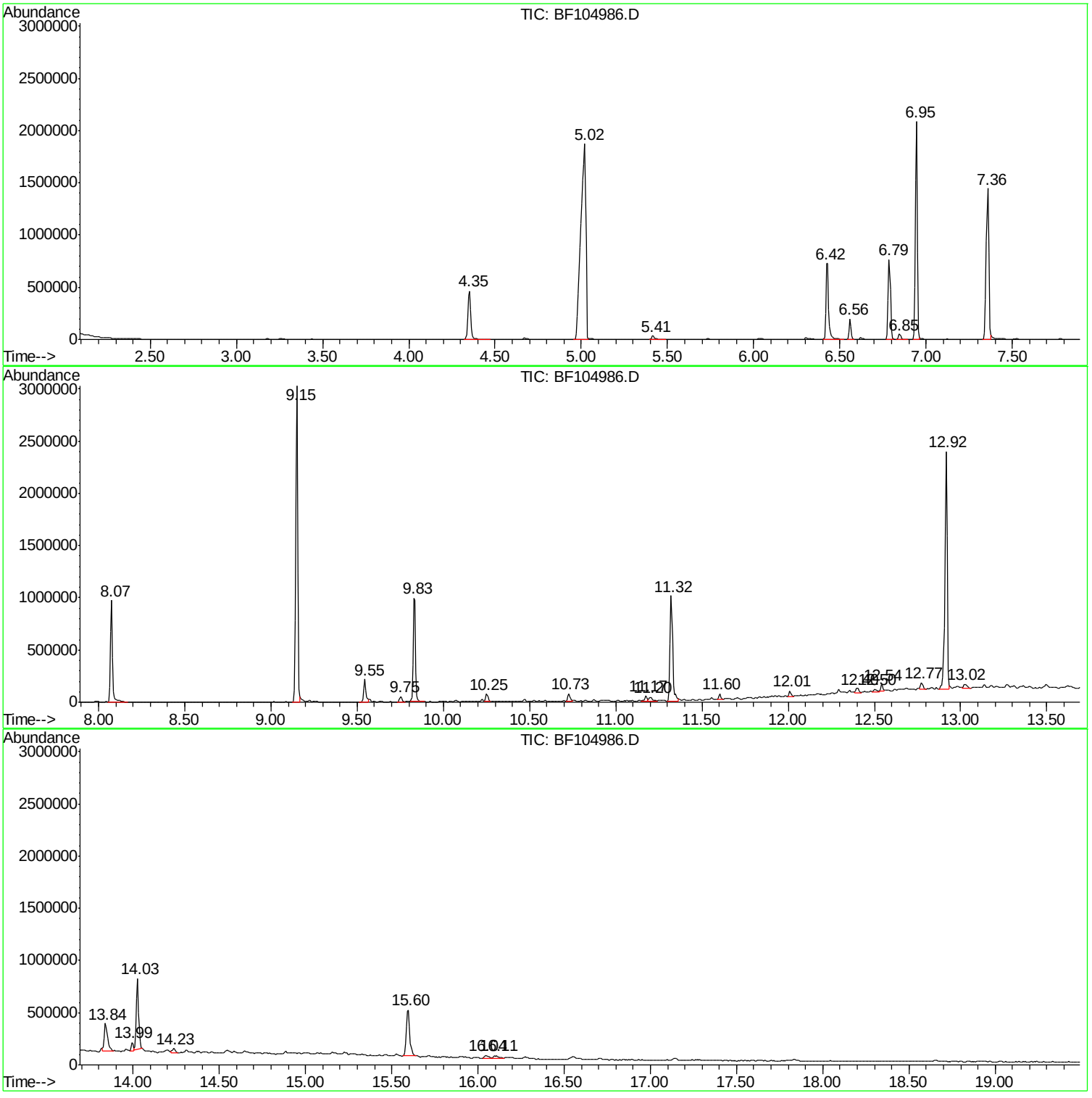
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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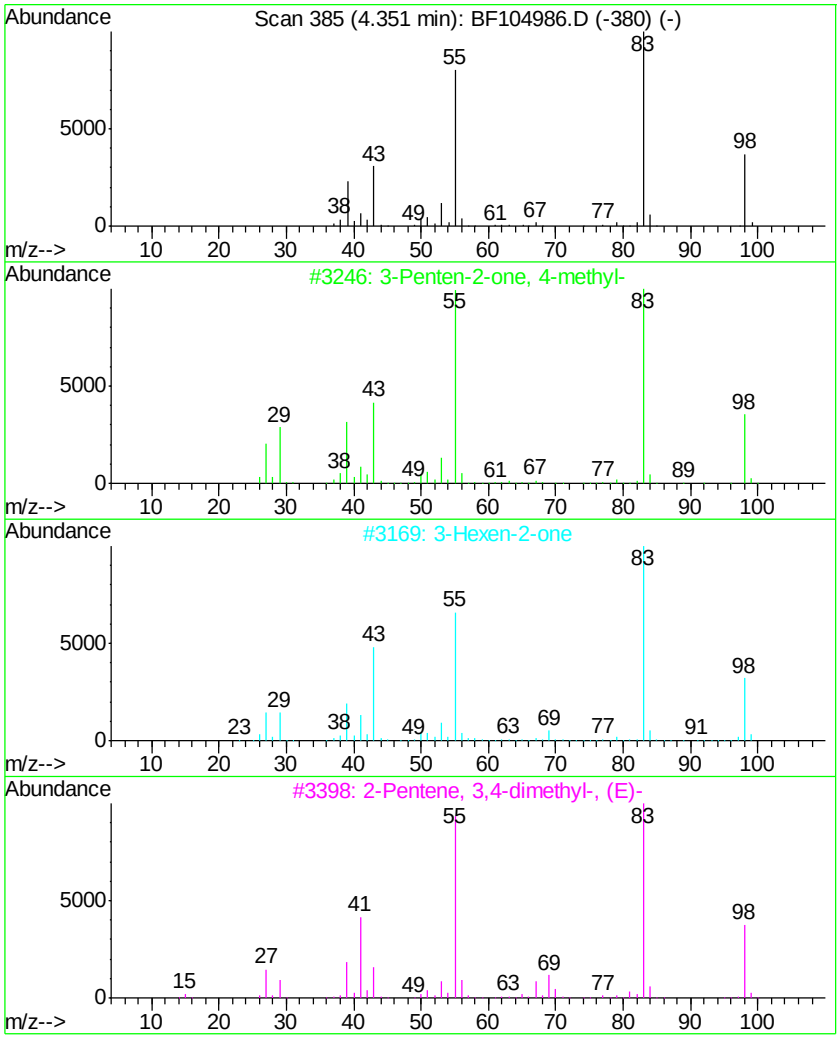
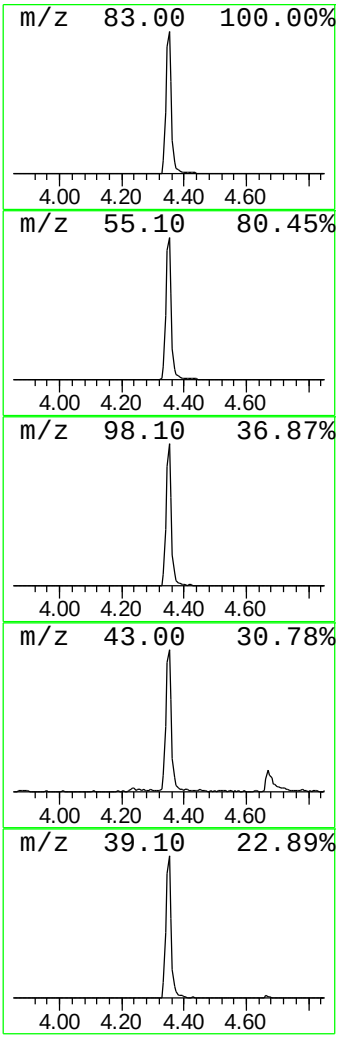
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	18.38 ng	572613	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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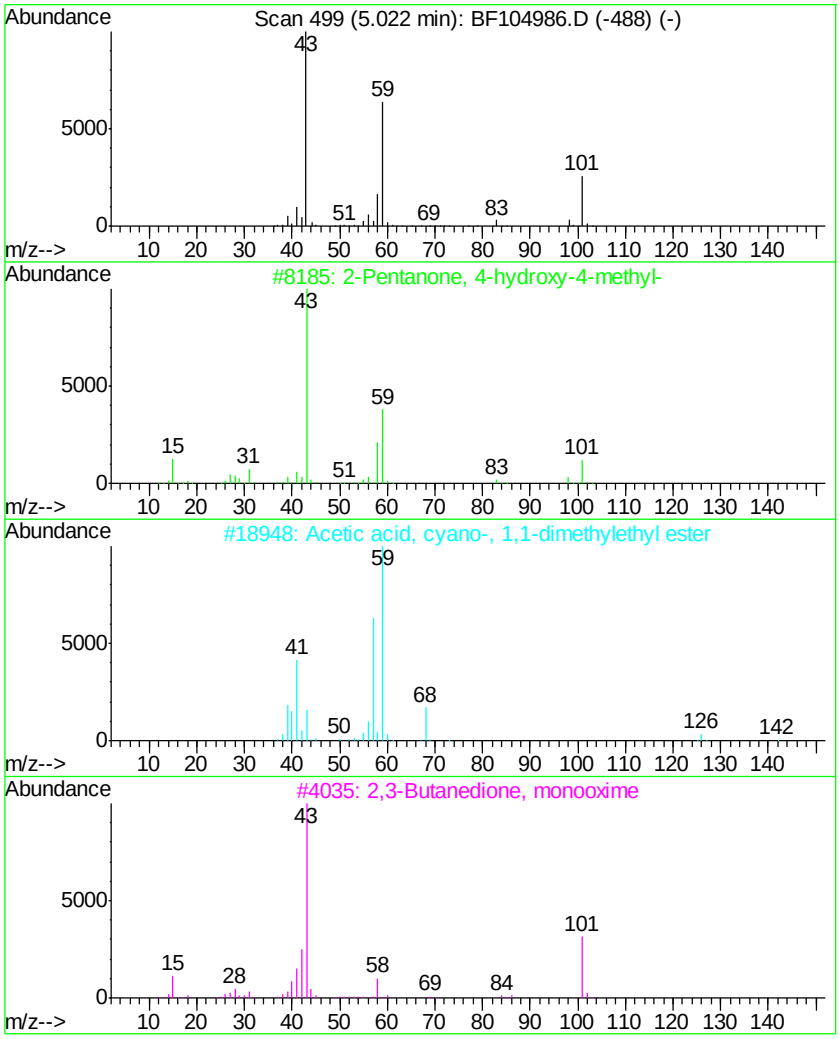
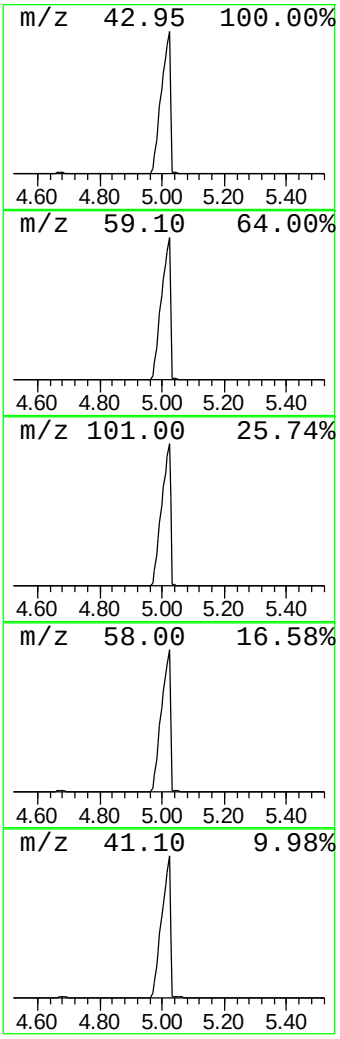
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	121.25 ng	3777200	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : JU/SJ
Sample : J2616-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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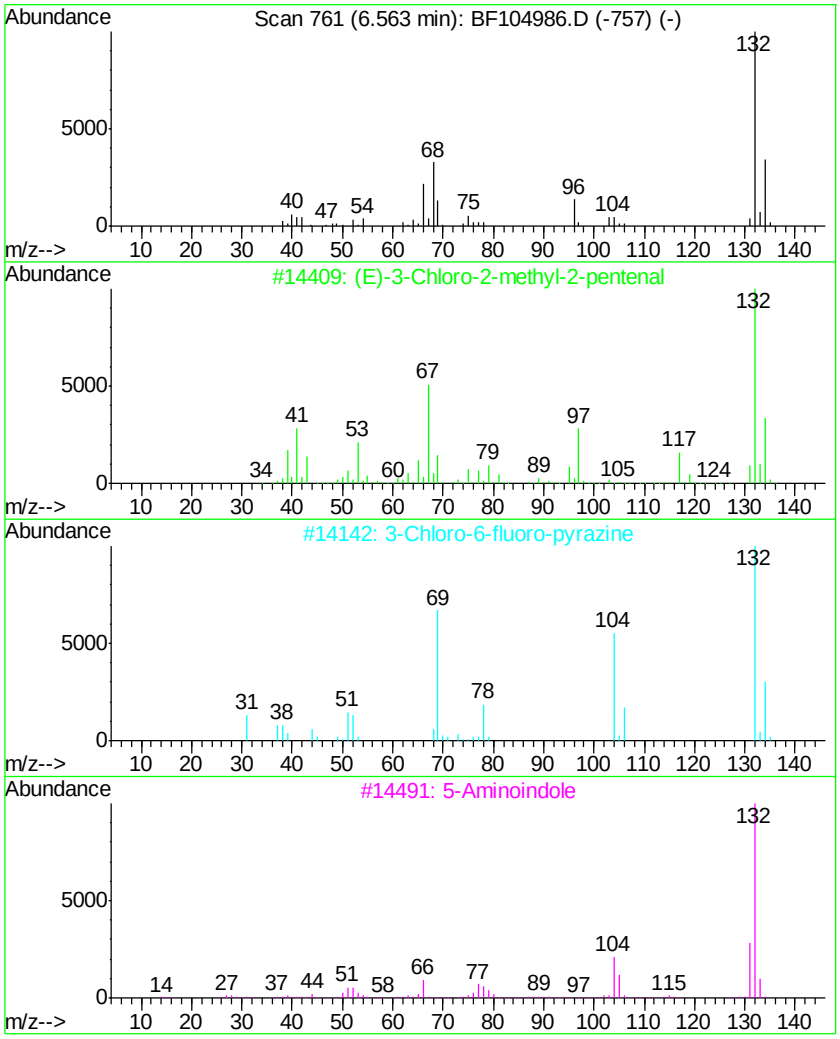
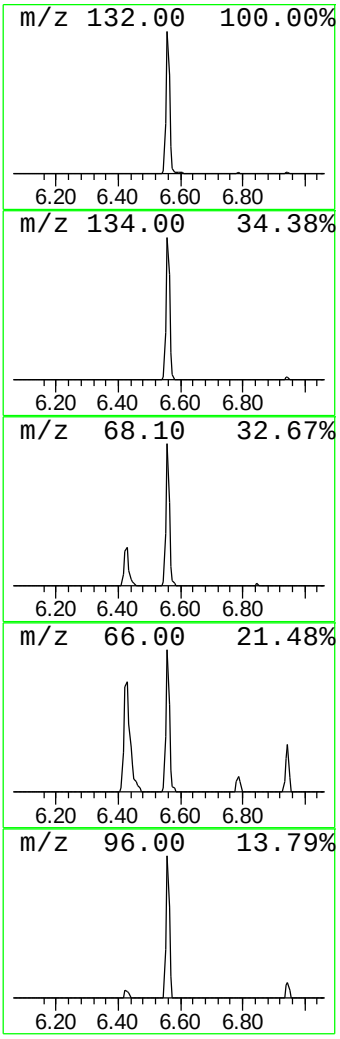
Peak Number 3 unknown6.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	4.87 ng	151618	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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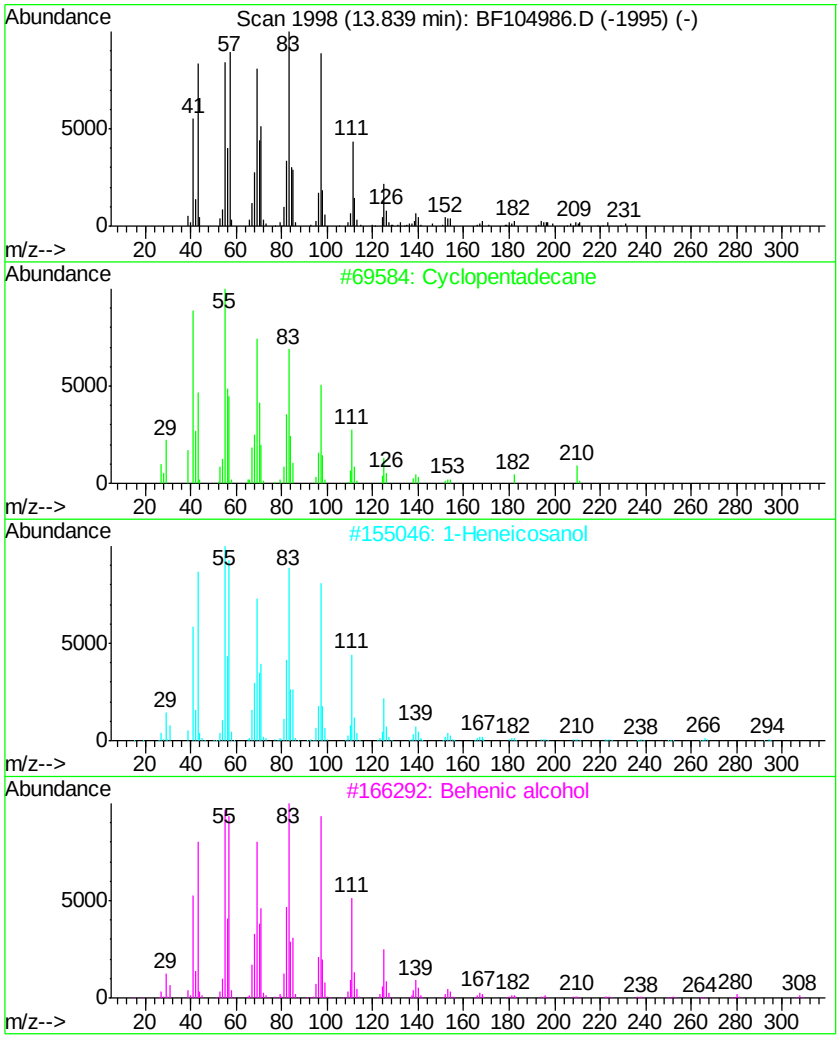
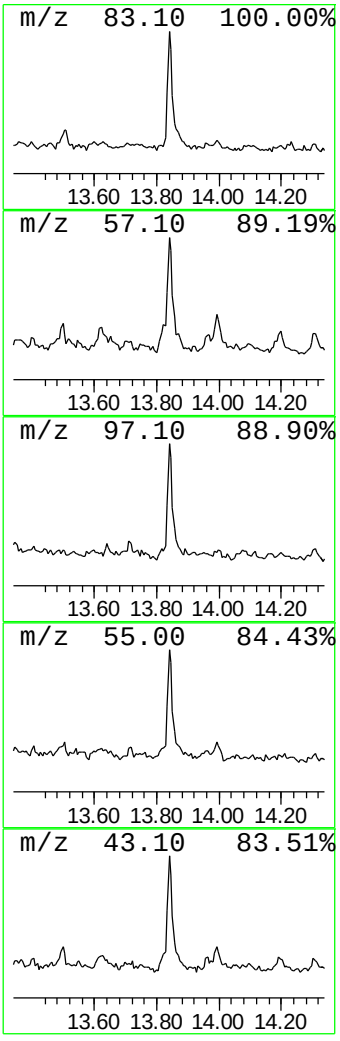
Peak Number 5 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.22 ng	322280	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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
3-Penten-2-one, 4...	4.35	18.4	ng	572613	1	6.79	623037	20.0
2-Pentanone, 4-hy...	5.02	121.3	ng	3777200	1	6.79	623037	20.0
unknown6.56	6.56	4.9	ng	151618	1	6.79	623037	20.0
Cyclopentadecane	13.84	10.2	ng	322280	5	14.03	630775	20.0