LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115923.D
Acq On : 1 Aug 2019 22:49
Operator : HP/JU
Sample : K4024-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	2.122	3	6	25	rVB	669588	885546	35.49%	3.637%
2	5.475	572	576	597	rBV	2387184	2327113	93.28%	9.559%
3	6.487	743	748	767	rBV	2388309	2477870	99.32%	10.178%
4	6.622	767	771	775	rBV	2821115	2483775	99.56%	10.202%
5	6.851	806	810	824	rVB	981569	817446	32.77%	3.358%
6	7.010	833	837	849	rBV	2122298	1888824	75.71%	7.759%
7	7.410	901	905	918	rBV	1648572	1548153	62.05%	6.359%
8	8.134	1024	1028	1045	rBV	1076277	1009910	40.48%	4.148%
9	9.210	1207	1211	1227	rBV	2884469	2494848	100.00%	10.248%
10	9.604	1274	1278	1292	rBV	324178	324024	12.99%	1.331%
11	9.892	1323	1327	1343	rBV	1275931	1140717	45.72%	4.686%
12	10.681	1457	1461	1478	rBV	1472567	1475869	59.16%	6.062%
13	11.380	1576	1580	1588	rBV	1035073	983422	39.42%	4.040%
14	12.963	1845	1849	1852	rBV	2076046	1911426	76.61%	7.851%
15	13.863	1998	2002	2003	rBV2	27112	27455	1.10%	0.113%
16	13.886	2003	2006	2020	rVB5	37578	115193	4.62%	0.473%
17	14.021	2025	2029	2040	rVB	844675	803293	32.20%	3.300%
18	14.180	2051	2056	2059	rBV	38300	40250	1.61%	0.165%
19	14.480	2104	2107	2112	rBV	68519	67092	2.69%	0.276%
20	14.786	2152	2159	2164	rBV2	113191	176975	7.09%	0.727%
21	15.127	2212	2217	2221	rBV	95062	110385	4.42%	0.453%
22	15.492	2273	2279	2288	rBV	704667	1020545	40.91%	4.192%
23	15.939	2349	2355	2363	rBV	70903	112149	4.50%	0.461%
24	16.439	2435	2440	2446	rBV	40831	68434	2.74%	0.281%
25	17.027	2536	2540	2548	rVB6	15710	34297	1.37%	0.141%

Sum of corrected areas: 24345011

LSC Report - Integrated Chromatogram

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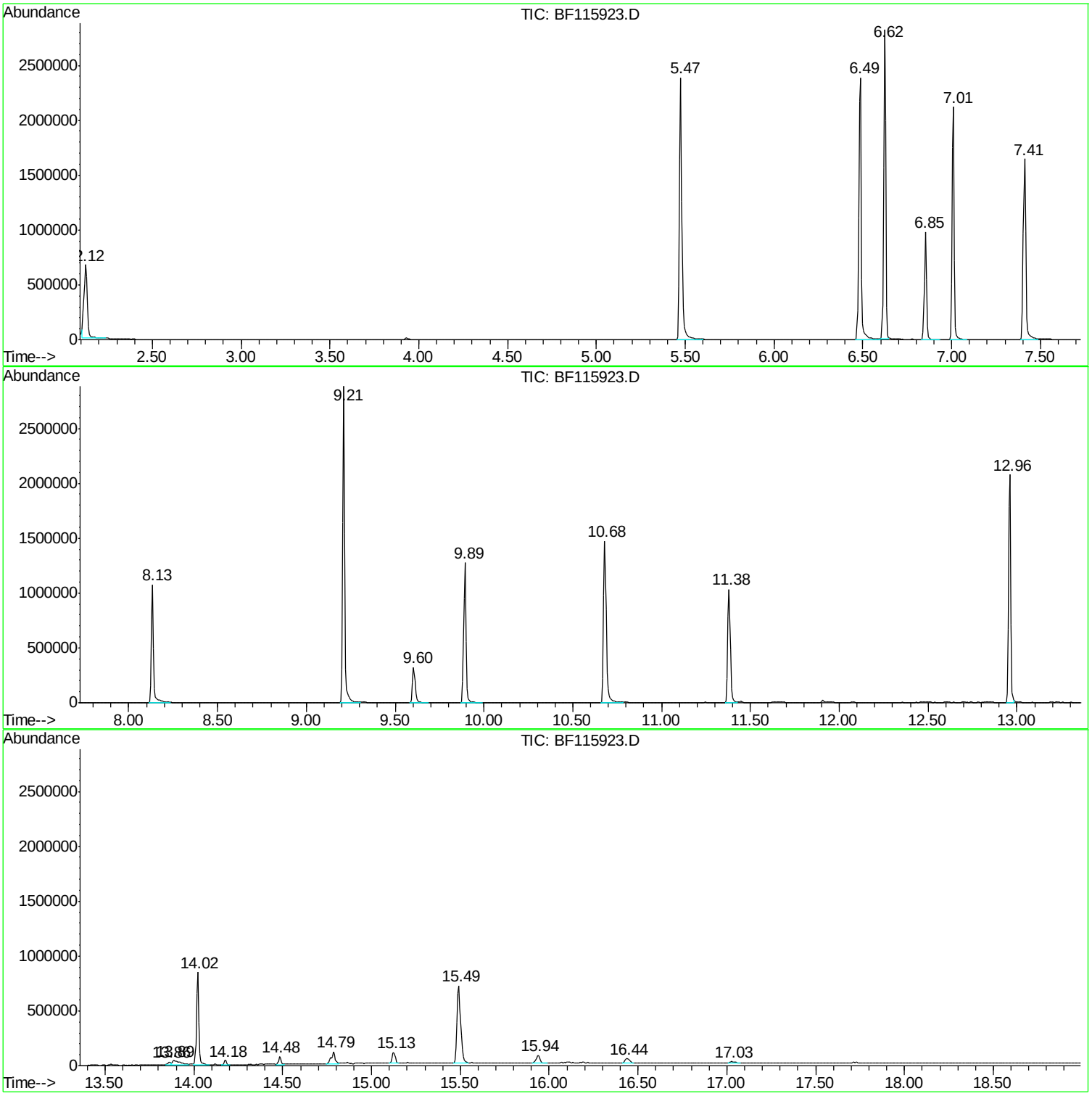
Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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 : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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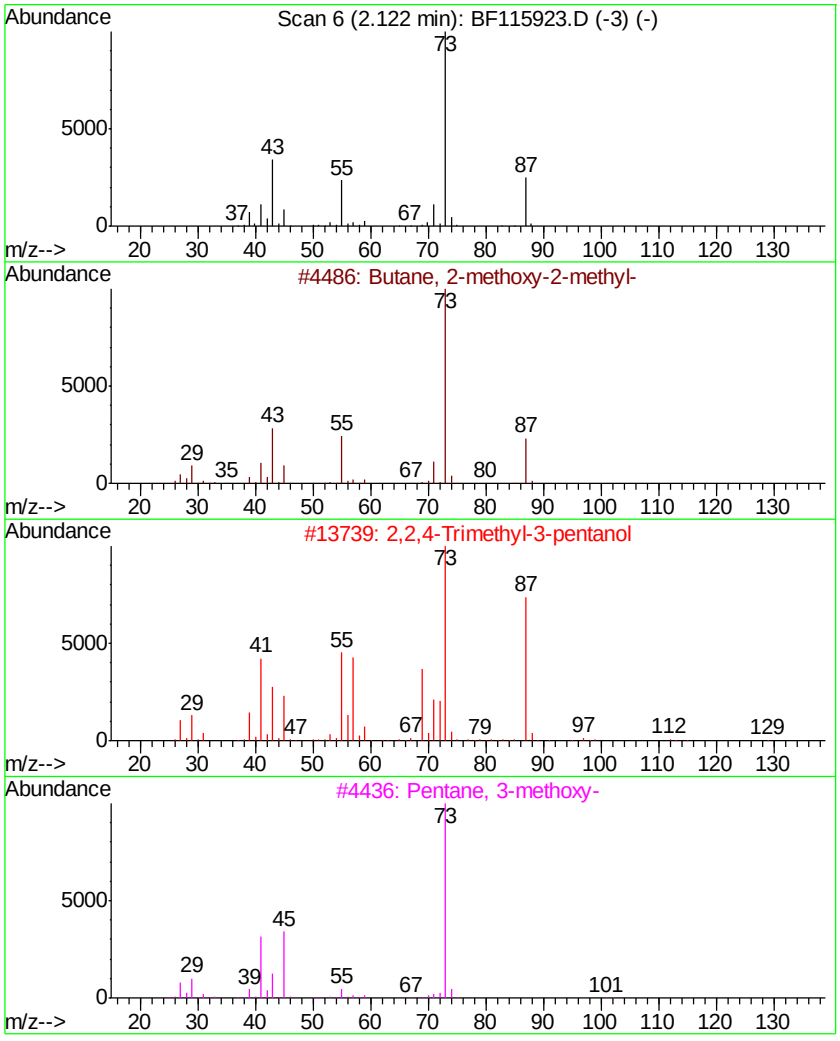
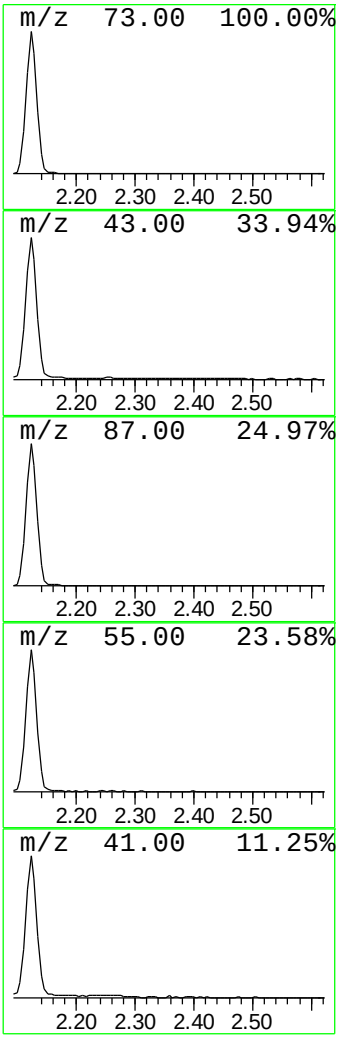
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.67 ng	885546	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Operator : HP/JU
Sample : K4024-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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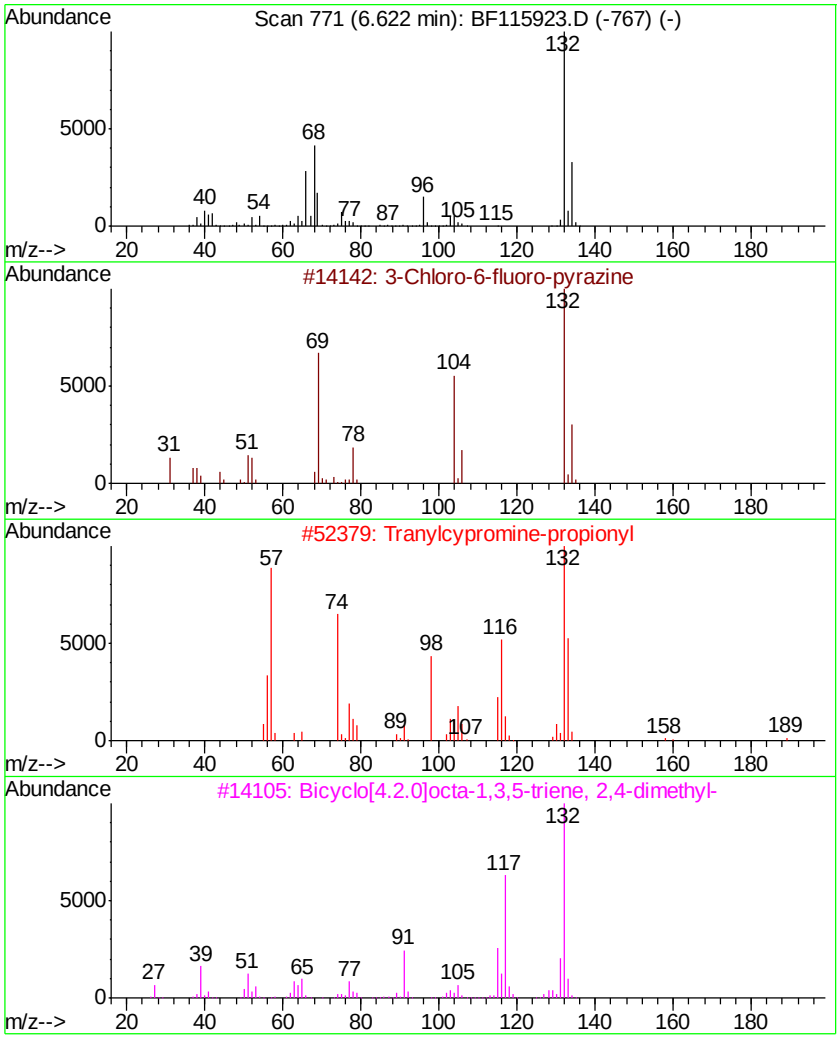
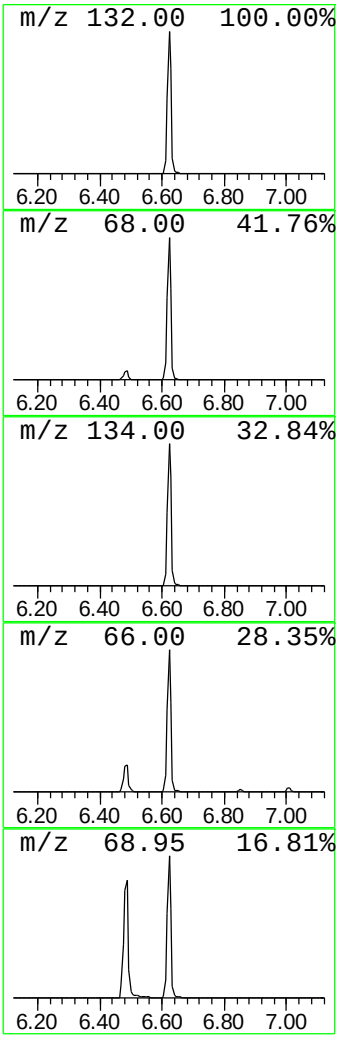
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	60.77 ng	2483780	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Sample : K4024-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
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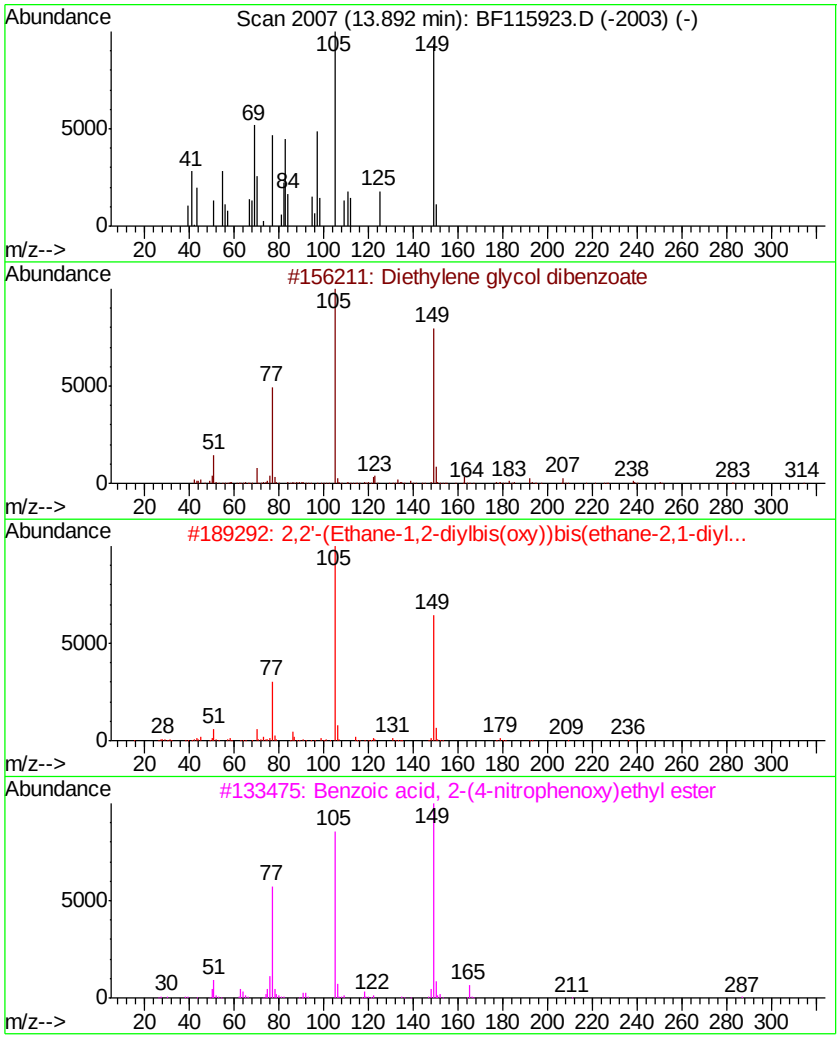
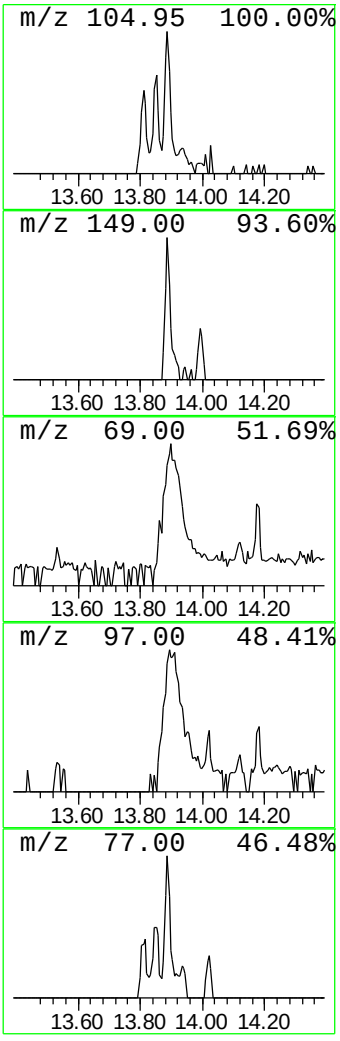
Peak Number 4 unknown13.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.87 ng	115193	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	47
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	43
3	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	40
4	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	40
5	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	40





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Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
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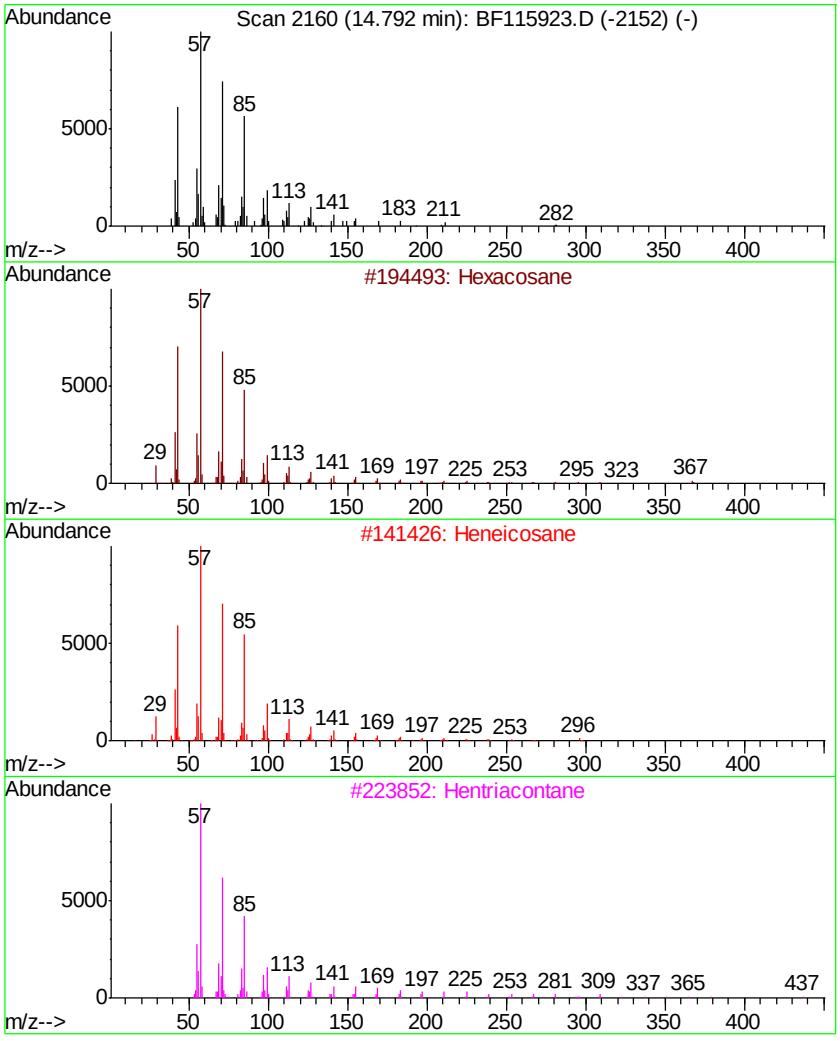
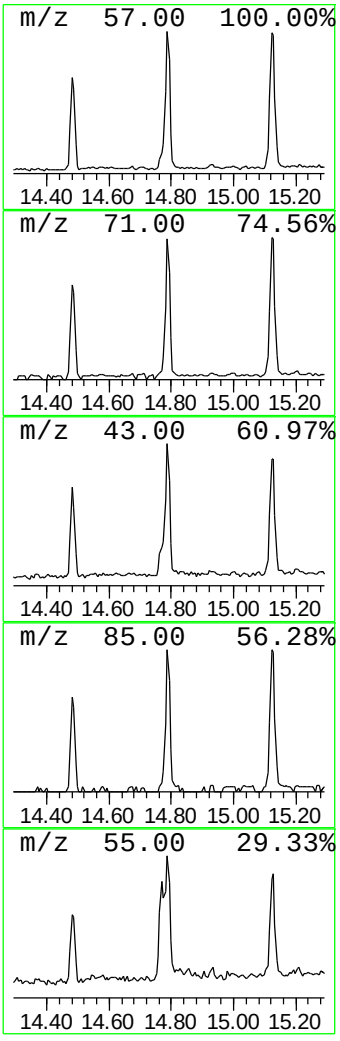
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.47 ng	176975	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Sample : K4024-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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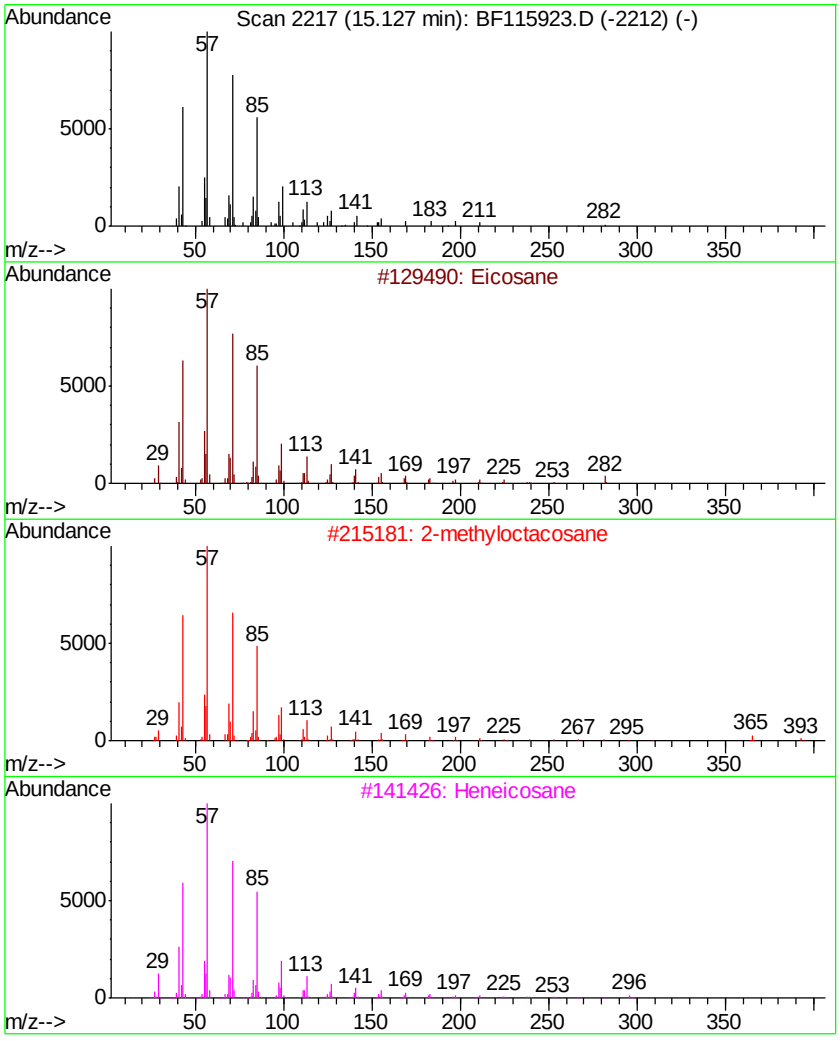
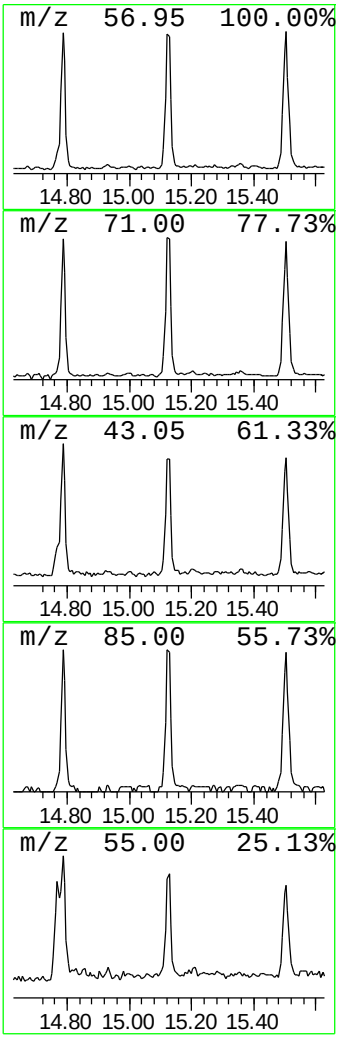
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.16 ng	110385	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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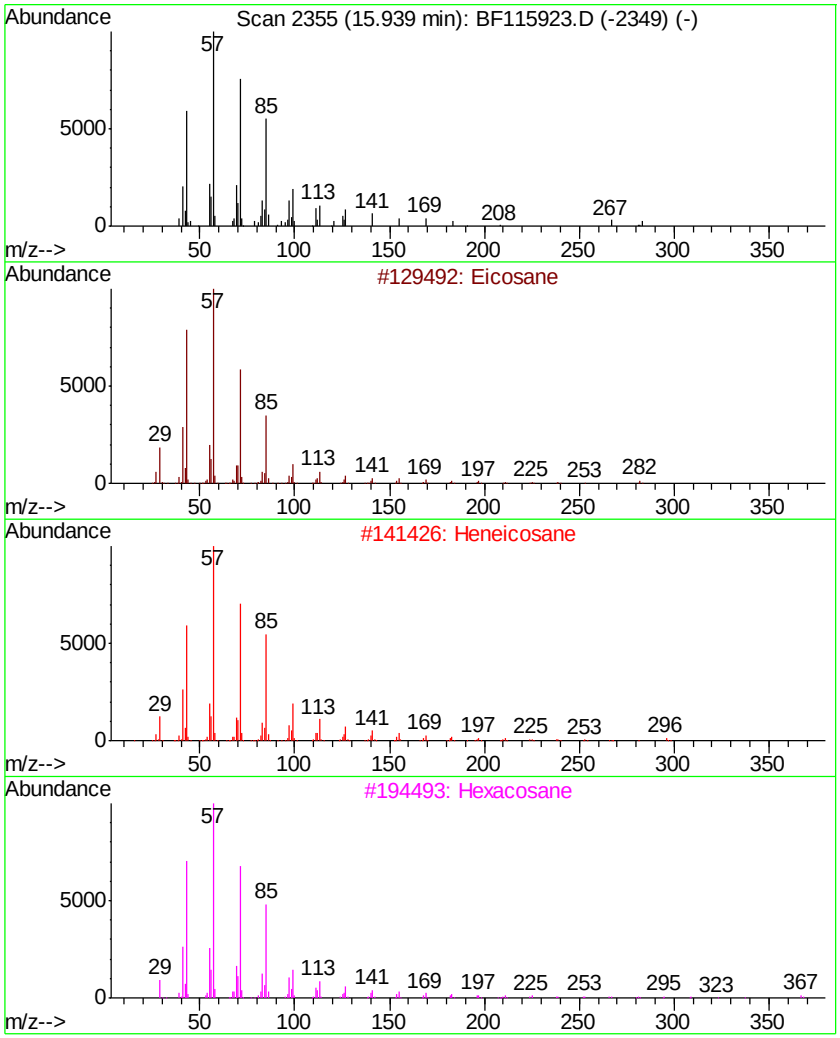
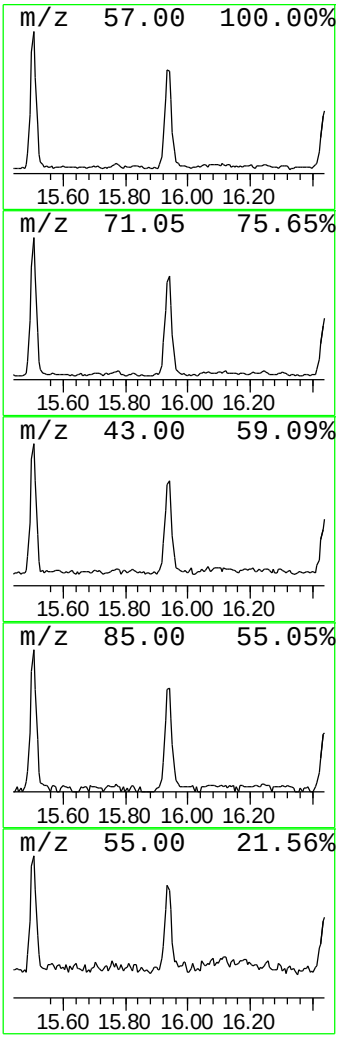
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.20 ng	112149	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	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...	2.12	21.7	ng	885546	1	6.85	817446	20.0
unknown6.62	6.62	60.8	ng	2483780	1	6.85	817446	20.0
unknown13.89	13.89	2.9	ng	115193	5	14.02	803293	20.0
Hexacosane	14.79	3.5	ng	176975	6	15.49	1020550	20.0
Eicosane	15.13	2.2	ng	110385	6	15.49	1020550	20.0
Heneicosane	15.94	2.2	ng	112149	6	15.49	1020550	20.0