LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000619.D
Acq On : 10 Oct 2019 16:28
Operator : JU
Sample : K5292-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190855-AMENDED-COMP-B

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_P\METHODS\8270-BP100119.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	4.993	482	494	497	rBV	4853570	11981067	100.00%	27.976%
2	6.387	728	731	741	rBV3	625636	657803	5.49%	1.536%
3	6.522	751	754	761	rVB	214204	179544	1.50%	0.419%
4	6.752	789	793	796	rBV	1885798	1444806	12.06%	3.374%
5	6.905	816	819	823	rBV	3265491	2943381	24.57%	6.873%
6	7.311	884	888	891	rBV	2776523	2155455	17.99%	5.033%
7	8.034	1007	1011	1014	rBV	2451565	1892470	15.80%	4.419%
8	9.116	1191	1195	1198	rBV	5245264	4126696	34.44%	9.636%
9	9.510	1259	1262	1265	rBV	997802	772807	6.45%	1.805%
10	9.799	1307	1311	1314	rVB	2861470	2355341	19.66%	5.500%
11	10.734	1465	1470	1475	rVB4	89220	141034	1.18%	0.329%
12	11.157	1538	1542	1547	rBV2	310214	353369	2.95%	0.825%
13	11.293	1561	1565	1572	rBV	3035155	2525229	21.08%	5.897%
14	12.899	1834	1838	1841	rBV	5504221	4645224	38.77%	10.847%
15	13.822	1992	1995	2009	rVB2	205058	330459	2.76%	0.772%
16	13.963	2015	2019	2023	rBV	2439407	2542001	21.22%	5.936%
17	14.457	2100	2103	2106	rBV	192966	171066	1.43%	0.399%
18	14.763	2152	2155	2162	rVB	218049	247692	2.07%	0.578%
19	15.016	2195	2198	2207	rVB	70525	136171	1.14%	0.318%
20	15.104	2210	2213	2221	rVB2	244792	279263	2.33%	0.652%
21	15.440	2265	2270	2275	rBV	1923695	2395787	20.00%	5.594%
22	15.487	2275	2278	2291	rVB	218501	333603	2.78%	0.779%
23	15.928	2349	2353	2358	rBV	142773	215530	1.80%	0.503%

Sum of corrected areas: 42825798

LSC Report - Integrated Chromatogram

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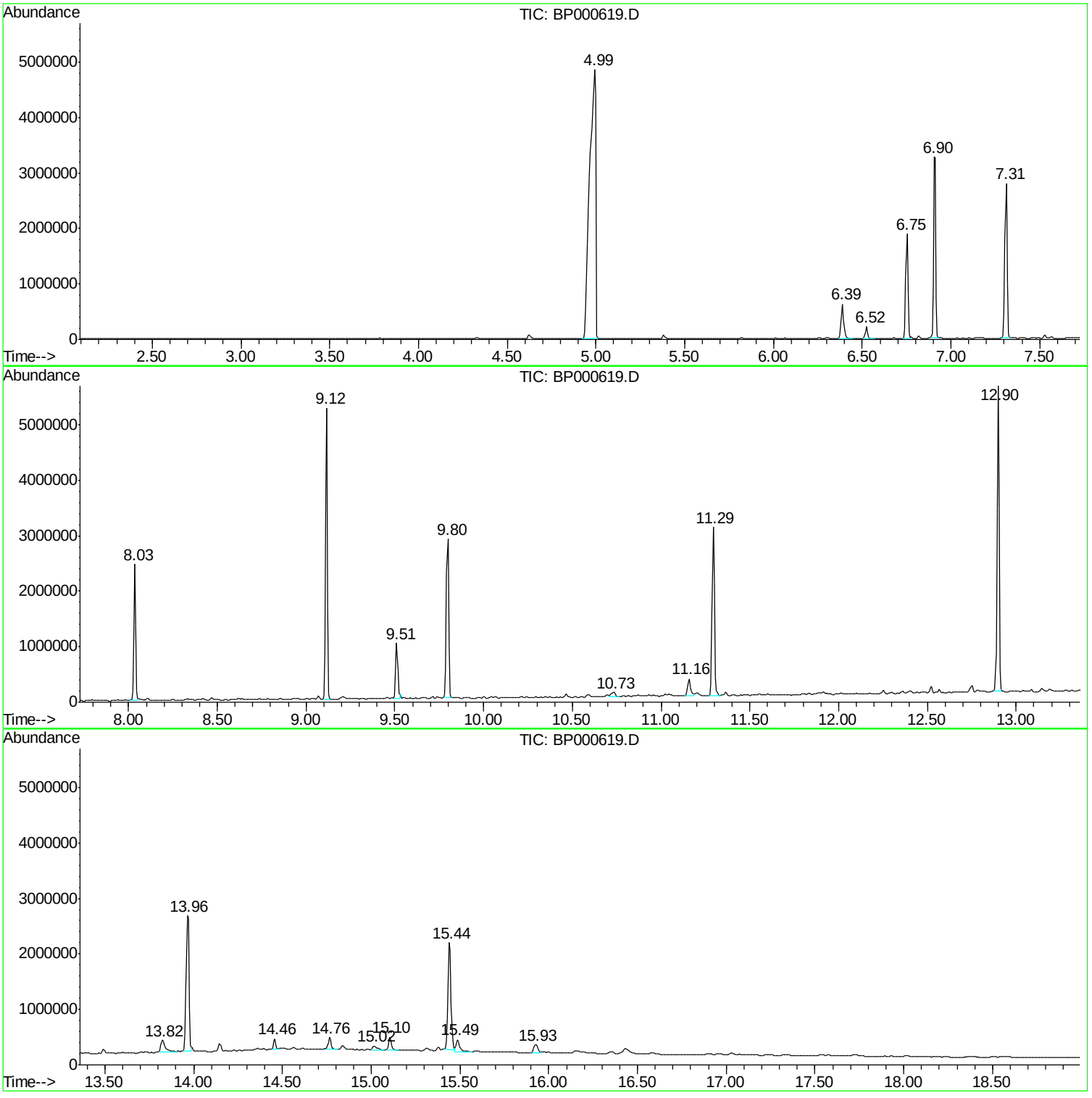
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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ClientSampleId : 20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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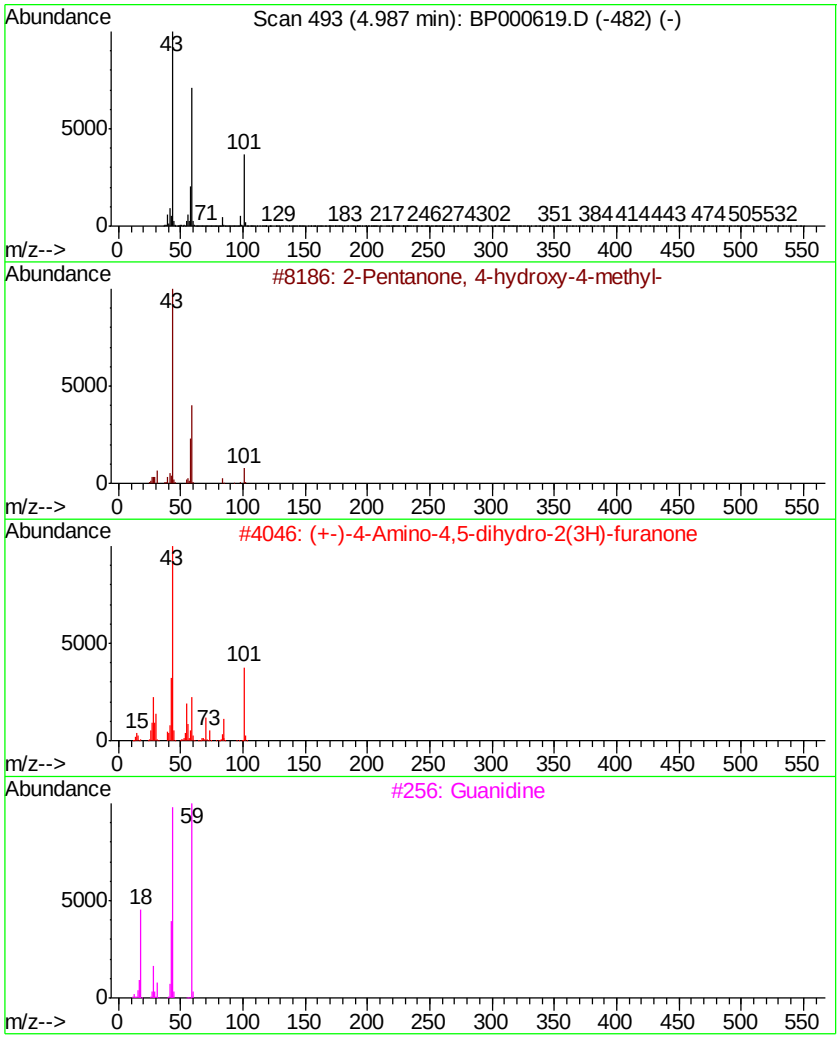
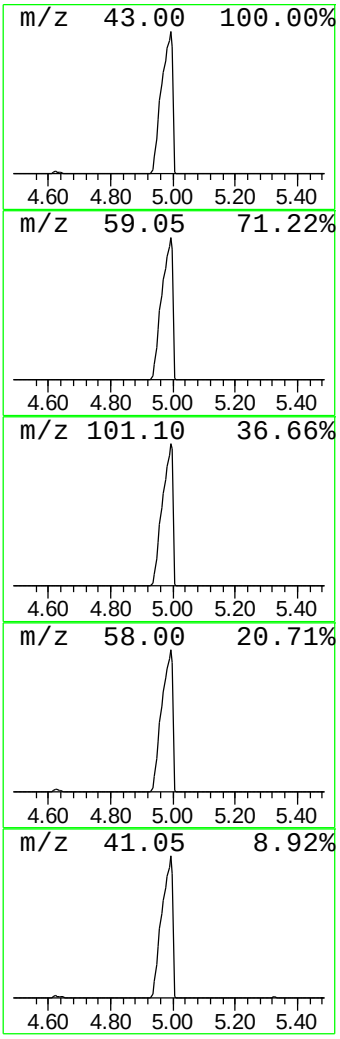
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	165.85 ng	11981100	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	38
4	Acetone	58	C3H6O	000067-64-1	12
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





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ClientSampleId : 20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
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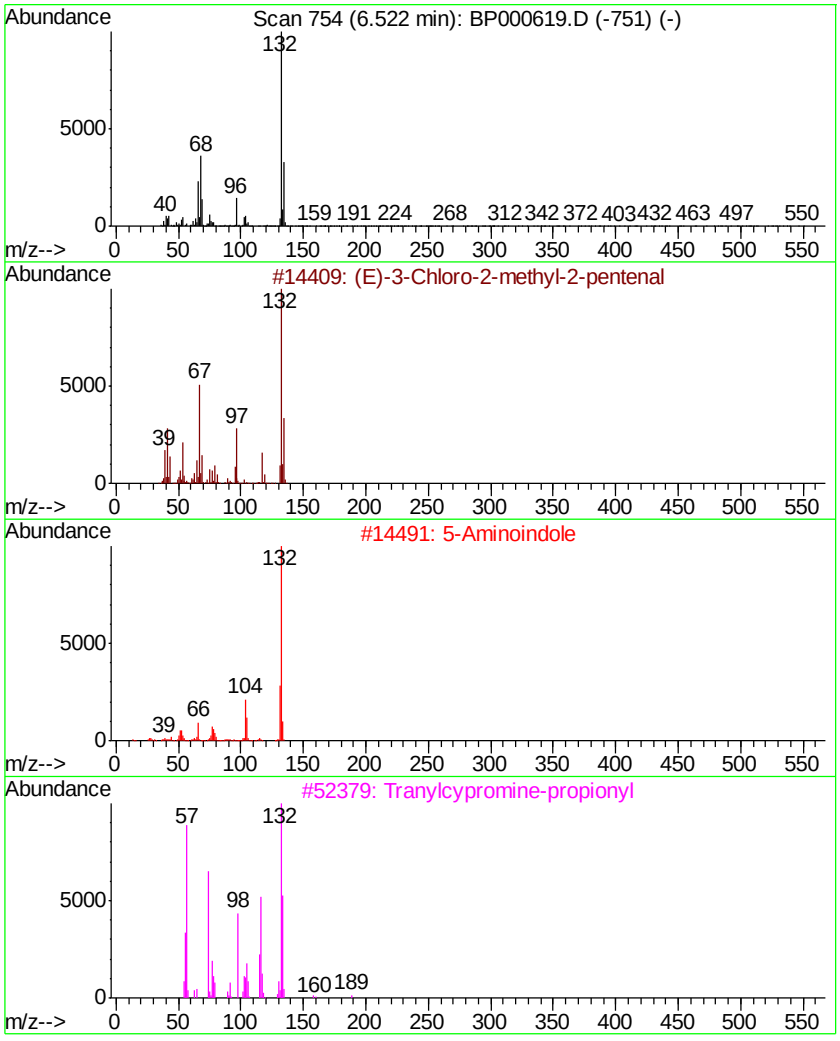
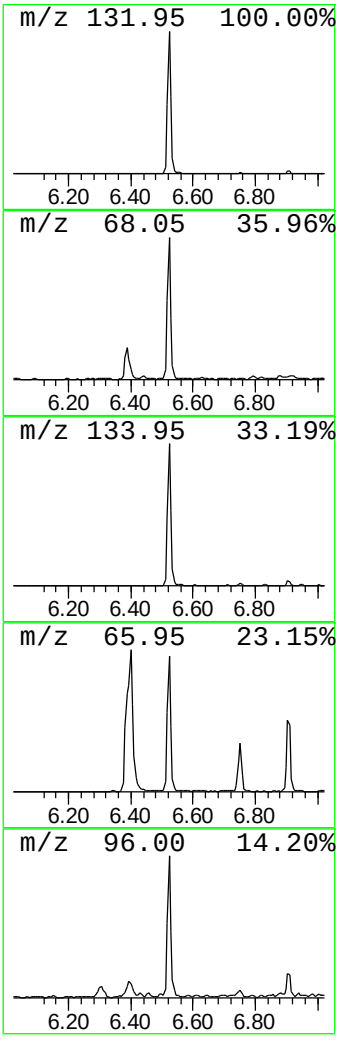
****

Peak Number 2 unknown6.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	2.49 ng	179544	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Operator : JU
Sample : K5292-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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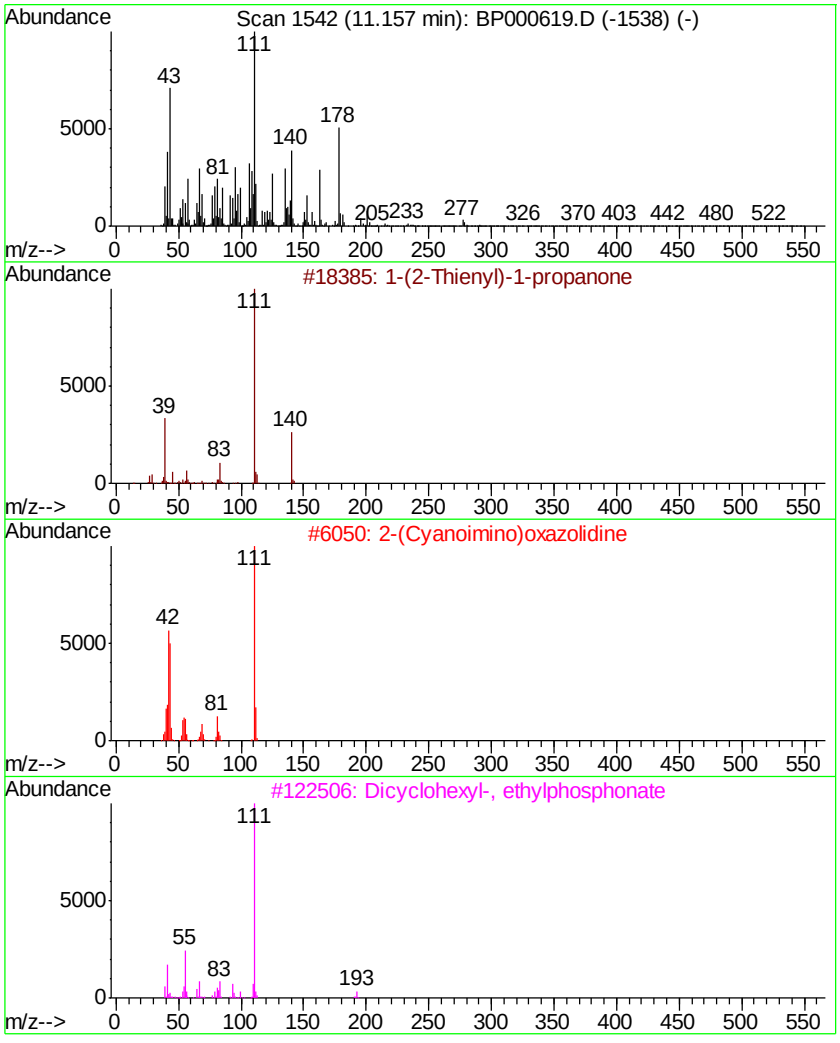
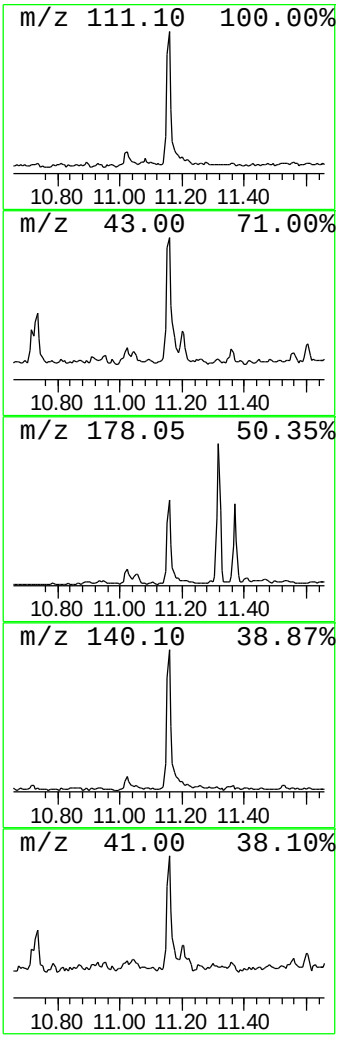
Peak Number 4 unknown11.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.80 ng	353369	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	27
2	2-(Cyanoimino)oxazolidine	111	C4H5N3O	050411-06-8	18
3	Dicyclohexyl-, ethylphosphonate	274	C14H27O3P	169739-47-3	14
4	2-(4-Nitrobutyryl)-cyclopentanone	199	C9H13NO4	079630-91-4	14
5	2-Thiophenecarboxylic acid, phen...	204	C11H8O2S	000881-89-0	14





Library Search Compound Report

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Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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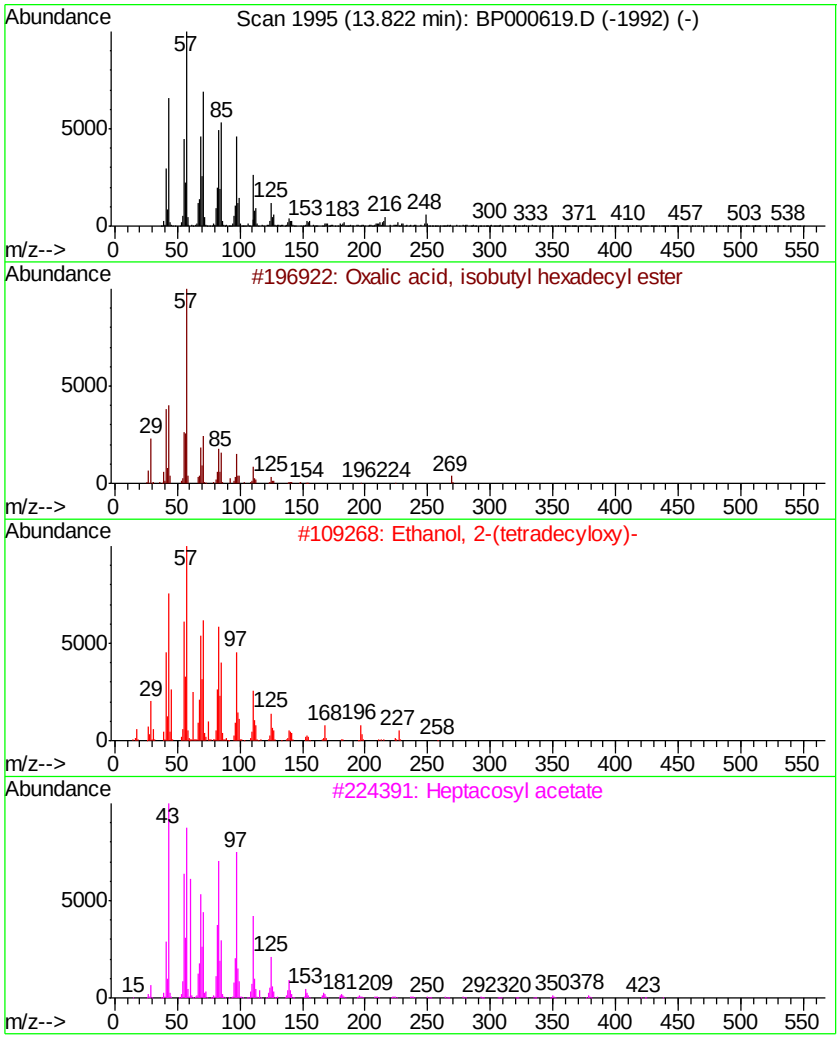
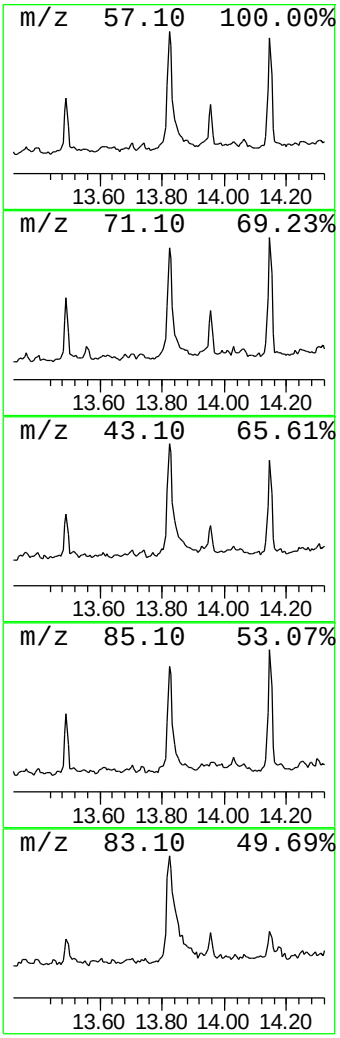
Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.60 ng	330459	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
4	Octacosyl acetate	452	C30H60O2	018206-97-8	87
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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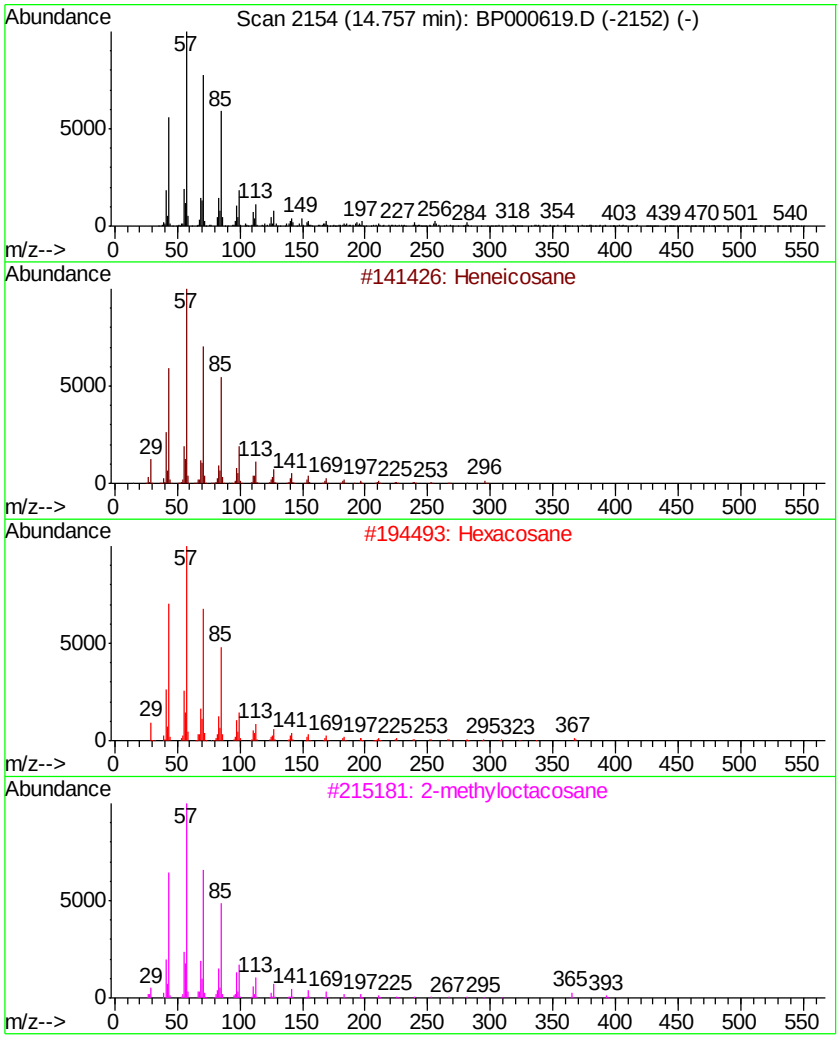
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

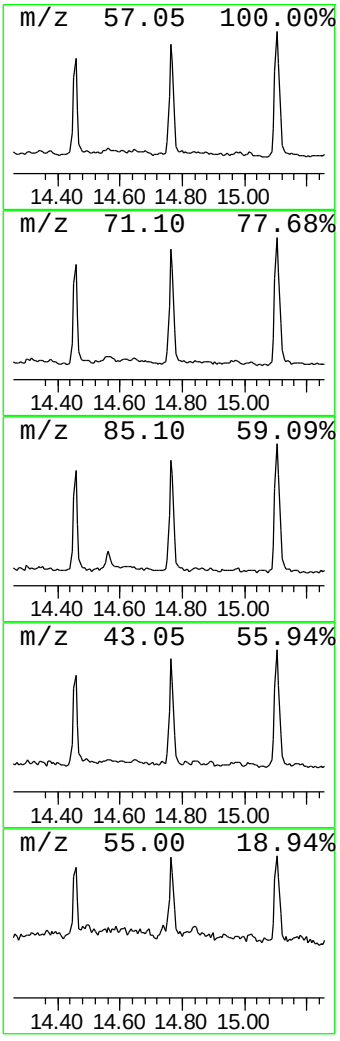
****

Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.07 ng	247692	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Integration Parameters: LSCINT.P

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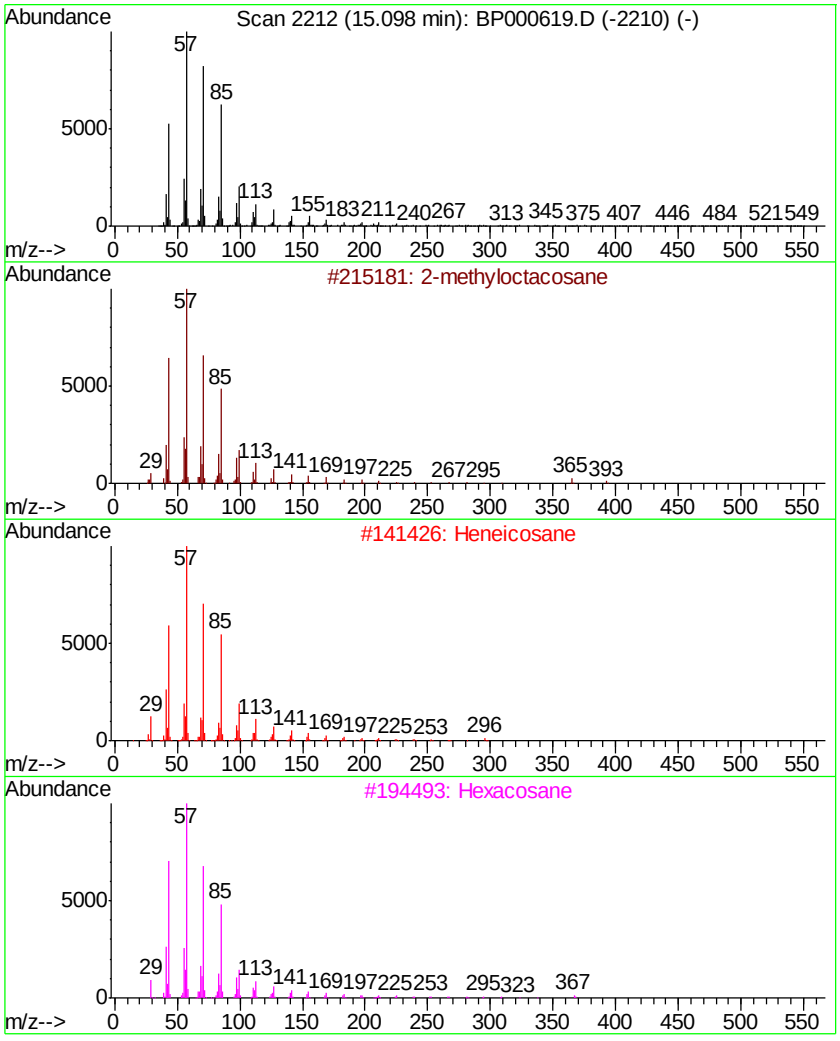
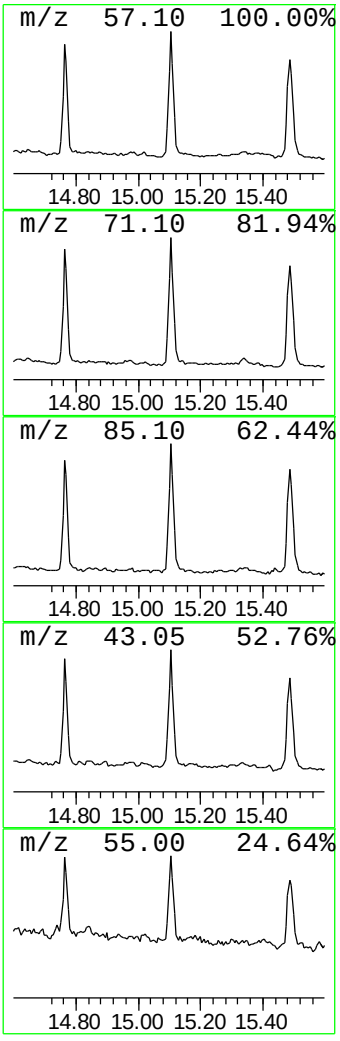
Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.33 ng	279263	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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
2-Pentanone, 4-hy...	4.99	165.8	ng	11981100	1	6.75	1444810	20.0
unknown6.52	6.52	2.5	ng	179544	1	6.75	1444810	20.0
unknown11.16	11.16	2.8	ng	353369	4	11.29	2525230	20.0
Oxalic acid, isob...	13.82	2.6	ng	330459	5	13.97	2542000	20.0
Heneicosane	14.76	2.1	ng	247692	6	15.44	2395790	20.0
2-methyloctacosane	15.10	2.3	ng	279263	6	15.44	2395790	20.0