LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043483.D
Acq On : 4 Nov 2019 16:33
Operator : JU
Sample : K5146-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-103019

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_G\METHODS\8270-BG102119.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	3.182	11	16	24	rVB	40258	73462	6.72%	0.730%
2	5.115	340	345	352	rBV	52976	86632	7.92%	0.861%
3	5.597	420	427	439	rBV	236215	439864	40.22%	4.373%
4	7.195	688	699	711	rBV	245242	512290	46.84%	5.093%
5	7.554	753	760	769	rBV	274677	513327	46.94%	5.104%
6	8.012	830	838	846	rBV	166030	302217	27.63%	3.005%
7	8.335	886	893	901	rBV	218110	398953	36.48%	3.966%
8	9.175	1028	1036	1045	rBV2	126774	277756	25.40%	2.762%
9	10.815	1305	1315	1325	rBV	192672	407664	37.28%	4.053%
10	12.231	1548	1556	1563	rBV4	4703	12738	1.16%	0.127%
11	13.265	1724	1732	1744	rBV	403647	734703	67.18%	7.305%
12	13.964	1845	1851	1856	rBV6	6357	13368	1.22%	0.133%
13	14.087	1866	1872	1884	rBV	104057	201882	18.46%	2.007%
14	14.534	1944	1948	1957	rVB7	9720	16434	1.50%	0.163%
15	14.640	1957	1966	1973	rBV2	356989	598894	54.76%	5.954%
16	14.704	1974	1977	1981	rVB5	10209	13243	1.21%	0.132%
17	15.045	2030	2035	2038	rBV5	7524	12678	1.16%	0.126%
18	15.480	2104	2109	2114	rVV4	11468	18725	1.71%	0.186%
19	15.685	2140	2144	2149	rBV6	8865	15286	1.40%	0.152%
20	15.891	2174	2179	2184	rVB5	9844	14522	1.33%	0.144%
21	16.132	2211	2220	2241	rBV	311425	621931	56.87%	6.183%
22	16.343	2252	2256	2257	rBV3	12023	14236	1.30%	0.142%
23	16.367	2257	2260	2264	rVB3	16975	23629	2.16%	0.235%
24	17.137	2383	2391	2395	rBV4	11967	25470	2.33%	0.253%
25	17.189	2396	2400	2404	rVV7	9730	14913	1.36%	0.148%
26	17.383	2426	2433	2438	rBV	421951	680958	62.27%	6.770%
27	17.430	2438	2441	2451	rVV	78323	137986	12.62%	1.372%
28	17.519	2451	2456	2462	rVB5	12928	29732	2.72%	0.296%
29	17.795	2499	2503	2508	rBV8	8864	18513	1.69%	0.184%
30	17.871	2513	2516	2521	rVB5	10509	13460	1.23%	0.134%
31	18.047	2542	2546	2549	rBV4	10113	11091	1.01%	0.110%
32	18.276	2578	2585	2589	rBV4	41439	79085	7.23%	0.786%
33	18.312	2589	2591	2600	rVB5	18523	34199	3.13%	0.340%
34	18.453	2611	2615	2621	rBV5	18609	38033	3.48%	0.378%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : CL-01-103019

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.564	2631	2634	2637	rBV4	10513	12222	1.12%	0.122%
36	18.764	2664	2668	2671	rBV5	7588	13480	1.23%	0.134%
37	18.811	2673	2676	2680	rVB6	8700	13149	1.20%	0.131%
38	18.970	2701	2703	2707	rBV5	9068	11904	1.09%	0.118%
39	19.181	2734	2739	2742	rBV4	40494	63848	5.84%	0.635%
40	19.217	2742	2745	2752	rVB9	24641	42534	3.89%	0.423%
41	19.440	2778	2783	2788	rBV	127929	199382	18.23%	1.982%
42	19.487	2789	2791	2795	rVB5	14014	15577	1.42%	0.155%
43	19.769	2835	2839	2840	rBV3	34292	35448	3.24%	0.352%
44	19.798	2840	2844	2852	rVB	128514	205736	18.81%	2.045%
45	19.992	2872	2877	2889	rBV	809298	1093635	100.00%	10.873%
46	21.296	3095	3099	3109	rVB7	71890	156774	14.34%	1.559%
47	21.655	3152	3160	3166	rBV2	473184	935404	85.53%	9.300%
48	24.851	3696	3704	3714	rVB2	319836	851183	77.83%	8.463%

Sum of corrected areas: 10058150

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
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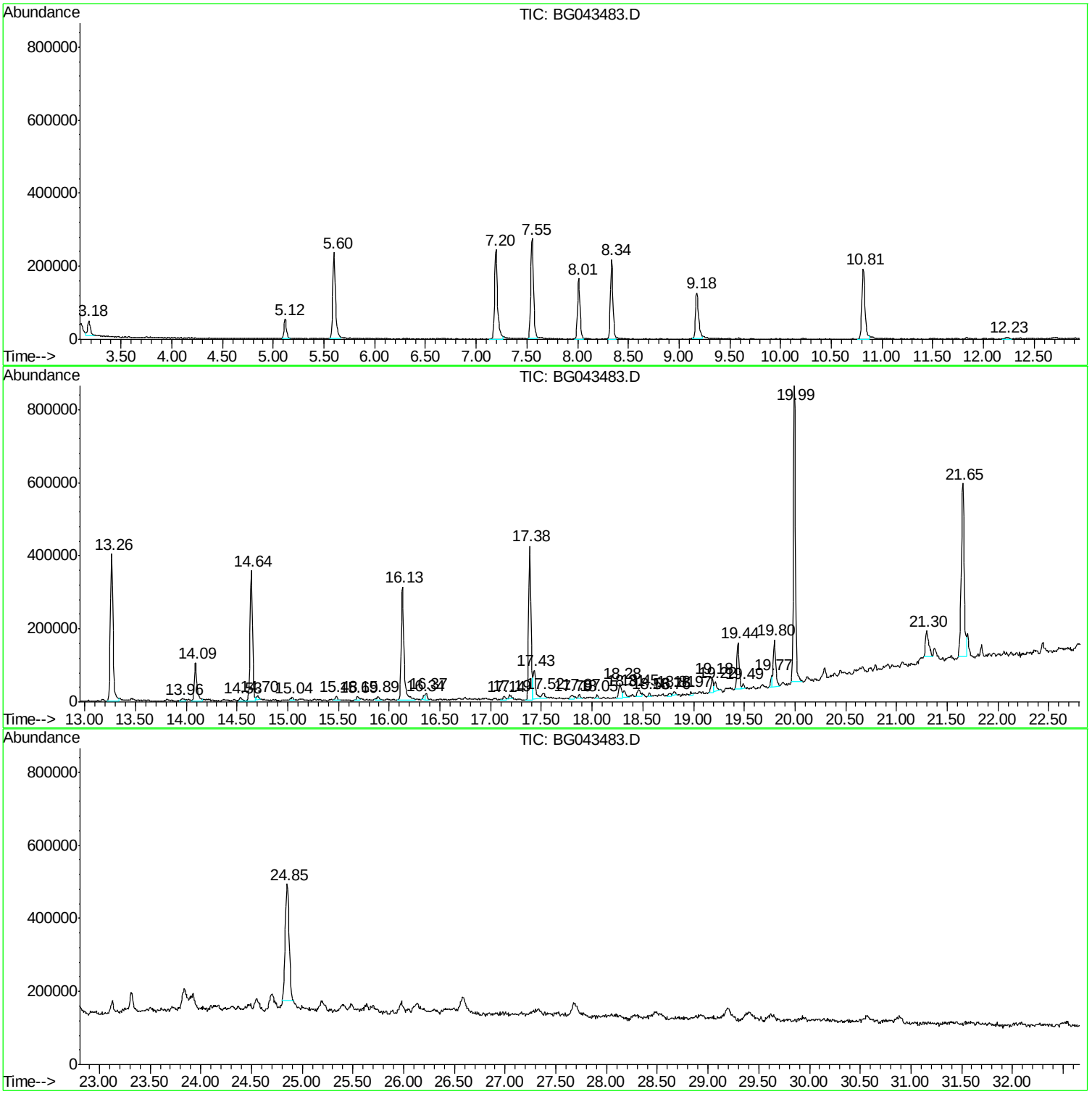
Operator : JU
Sample : K5146-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043483.D
Acq On : 4 Nov 2019 16:33
Operator : JU
Sample : K5146-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

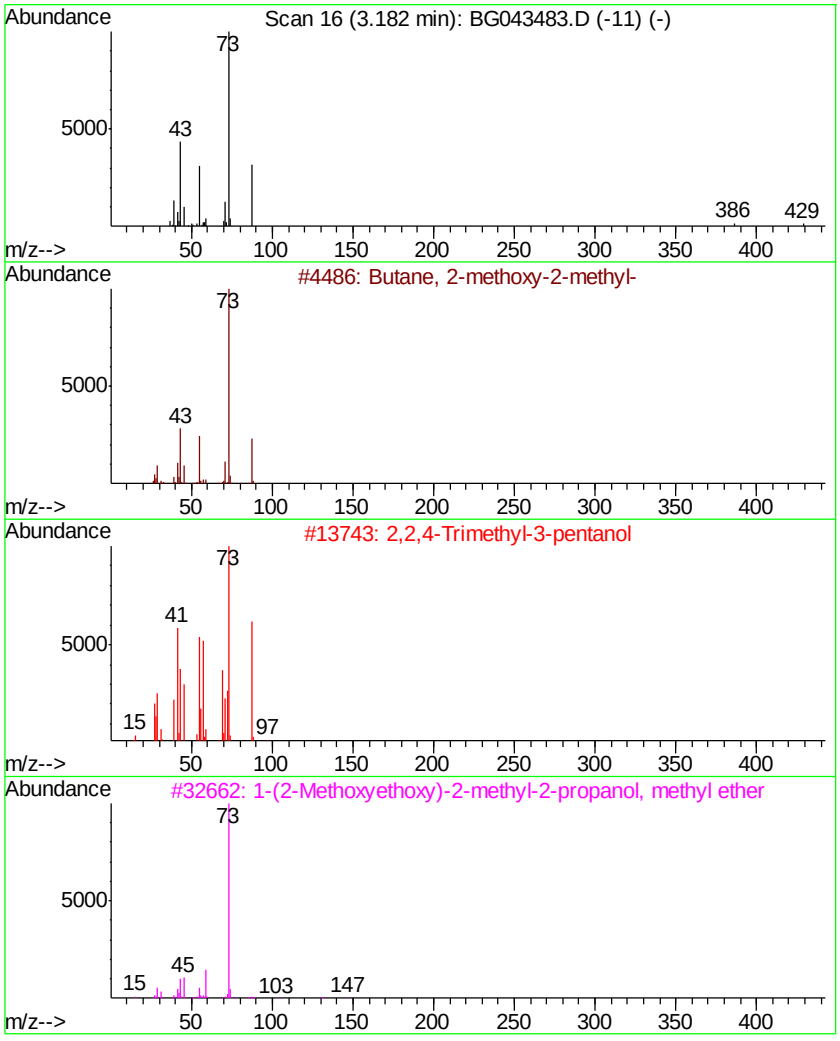
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

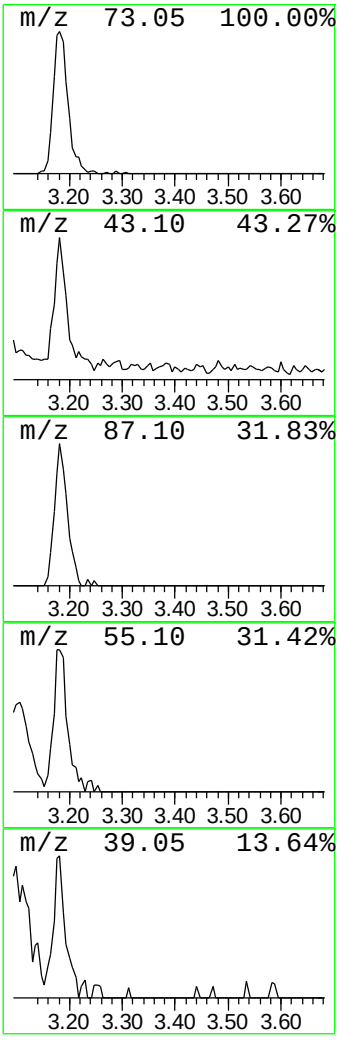
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	4.86 ng	73462	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	28
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	17
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





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Instrument : BNA_G
ClientSampleId : CL-01-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

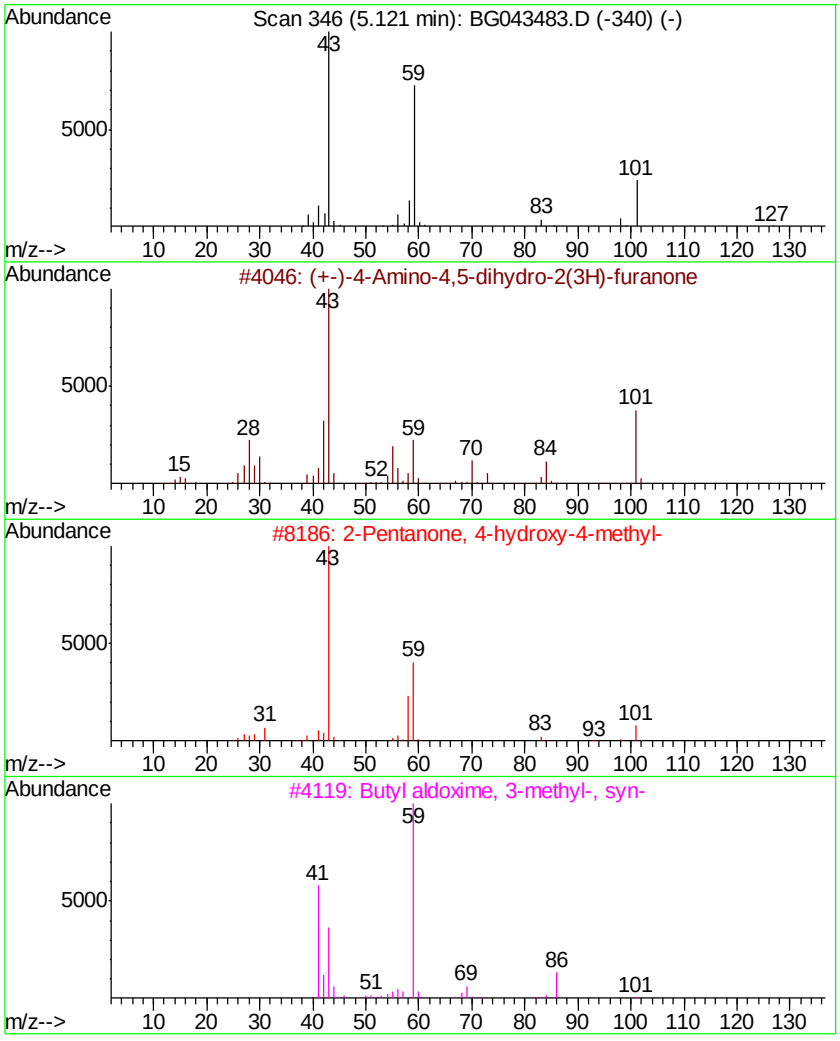
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

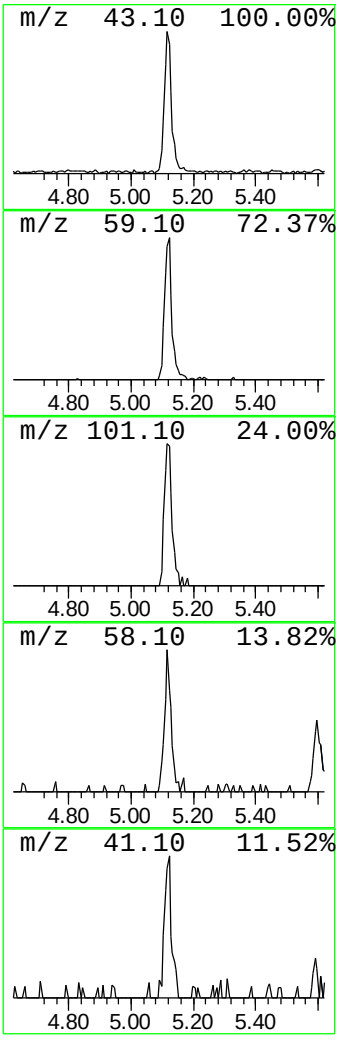
****

Peak Number 2 (+-)-4-Amino-4,5-dihydro-2(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.73 ng	86632	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	3-Hexanol	102	C6H14O	000623-37-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
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Instrument : BNA_G
ClientSampleId : CL-01-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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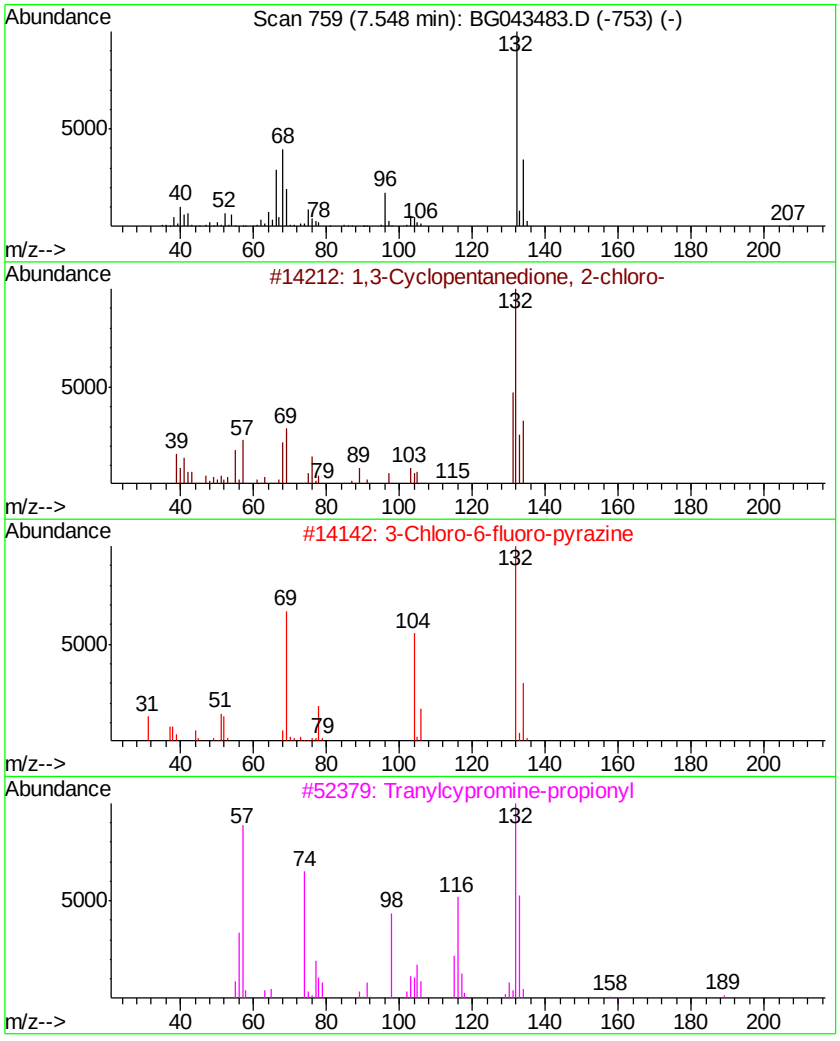
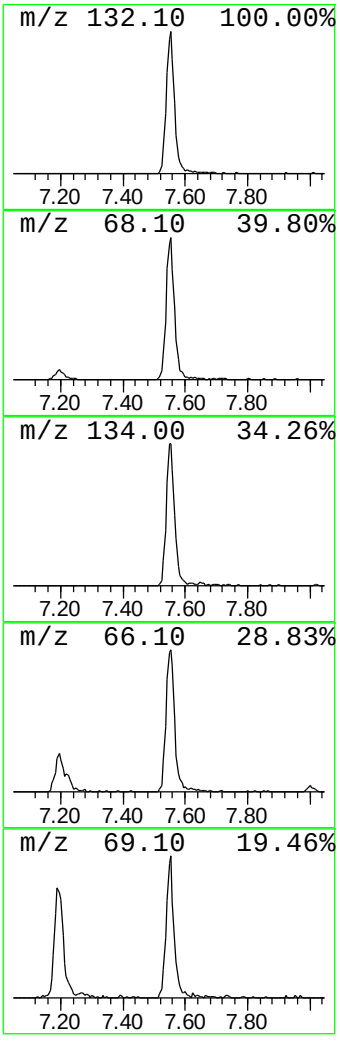
Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	33.97 ng	513327	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
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Instrument : BNA_G
ClientSampleId : CL-01-103019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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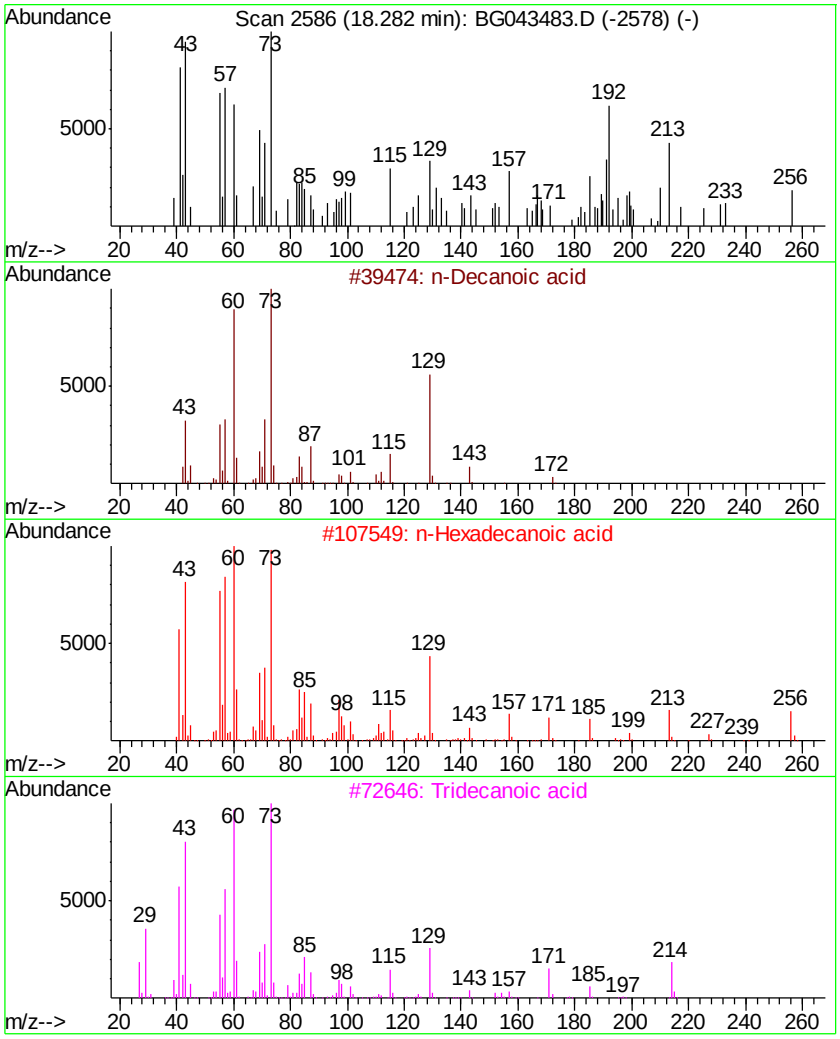
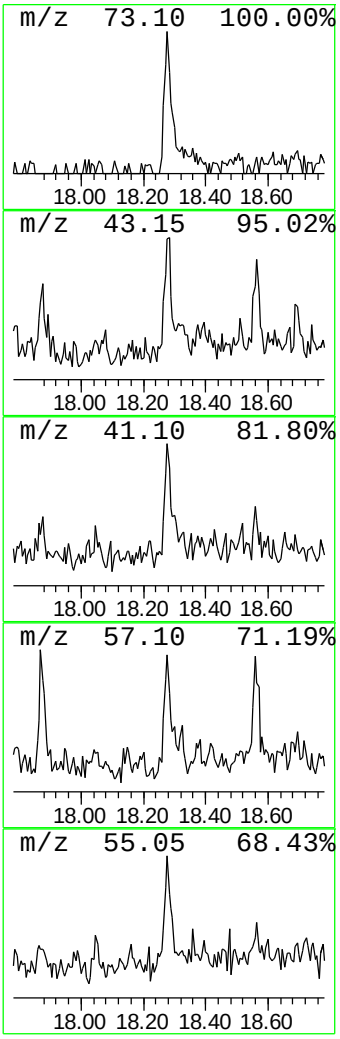
****

Peak Number 5 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.32 ng	79085	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	38
4	5-Chloro-1,2-trimethylene benzim...	192	C10H9ClN2	010252-95-6	25
5	Dodecanoic acid	200	C12H24O2	000143-07-7	25





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ClientSampleId : CL-01-103019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

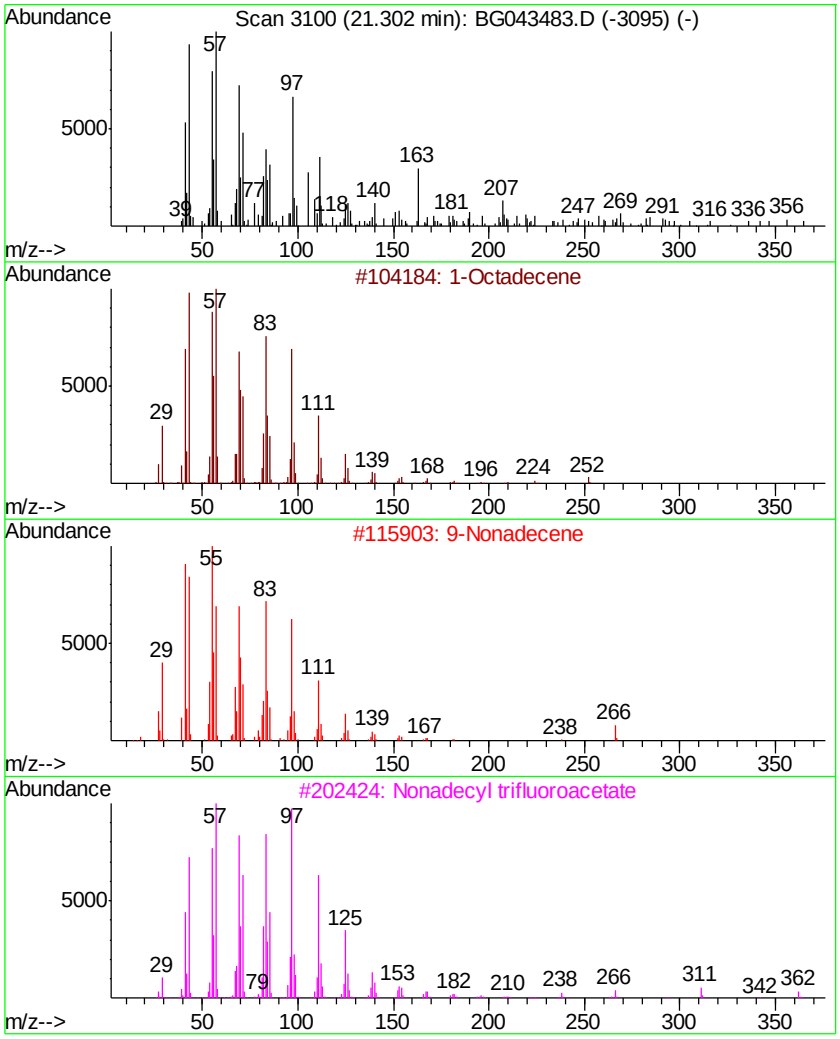
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

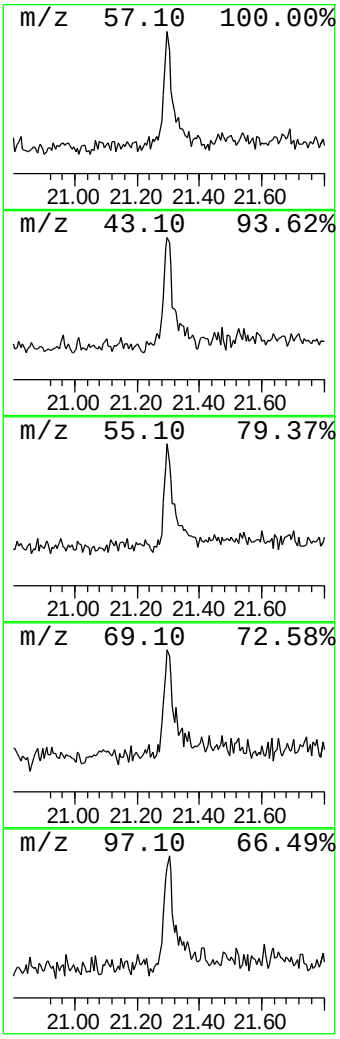
****

Peak Number 6 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.35 ng	156774	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	9-Nonadecene	266	C19H38	031035-07-1	92
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	89





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...	3.18	4.9	ng	73462	1	8.01	302217	20.0
(+-)-4-Amino-4,5-...	5.12	5.7	ng	86632	1	8.01	302217	20.0
unknown7.55	7.55	34.0	ng	513327	1	8.01	302217	20.0
n-Decanoic acid	18.28	2.3	ng	79085	4	17.38	680958	20.0
1-Octadecene	21.30	3.4	ng	156774	5	21.65	935404	20.0