LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044882.D
Acq On : 19 Mar 2020 3:06
Operator : CG/JU
Sample : L1913-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

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-BG031020.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	3.145	3	10	20	rBV2	181550	477276	7.29%	1.695%
2	3.228	20	24	36	rVB	144640	267057	4.08%	0.948%
3	5.613	423	430	439	rBV	711625	1157781	17.68%	4.111%
4	7.200	690	700	709	rBV	415415	746215	11.40%	2.650%
5	8.046	835	844	851	rBV	282194	518511	7.92%	1.841%
6	8.369	890	899	907	rBV	1265429	2254264	34.43%	8.005%
7	9.197	1032	1040	1049	rBV	1014538	1880373	28.72%	6.677%
8	10.848	1312	1321	1328	rBV	352237	671996	10.26%	2.386%
9	13.298	1729	1738	1749	rVB	2511923	4097161	62.57%	14.549%
10	14.121	1872	1878	1885	rBV	133758	198828	3.04%	0.706%
11	14.673	1963	1972	1981	rBV2	574026	923514	14.10%	3.279%
12	16.160	2217	2225	2236	rBV	2153570	3330297	50.86%	11.825%
13	17.417	2432	2439	2446	rBV	757827	1161207	17.73%	4.123%
14	20.032	2877	2884	2891	rBV	4772065	6548077	100.00%	23.251%
15	21.348	3101	3108	3115	rBV2	149996	270810	4.14%	0.962%
16	21.688	3159	3166	3175	rVB	825378	1418415	21.66%	5.037%
17	21.912	3199	3204	3208	rBV2	43764	66278	1.01%	0.235%
18	22.523	3303	3308	3313	rBV	59347	100144	1.53%	0.356%
19	23.216	3421	3426	3437	rVB3	64480	139429	2.13%	0.495%
20	24.033	3558	3565	3571	rBV2	66883	138853	2.12%	0.493%
21	24.891	3700	3711	3720	rBV2	496967	1416961	21.64%	5.031%
22	24.990	3722	3728	3738	rVB2	63621	165254	2.52%	0.587%
23	26.130	3912	3922	3930	rBV4	50311	144173	2.20%	0.512%
24	27.493	4146	4154	4160	rBV9	23325	69185	1.06%	0.246%

Sum of corrected areas: 28162059

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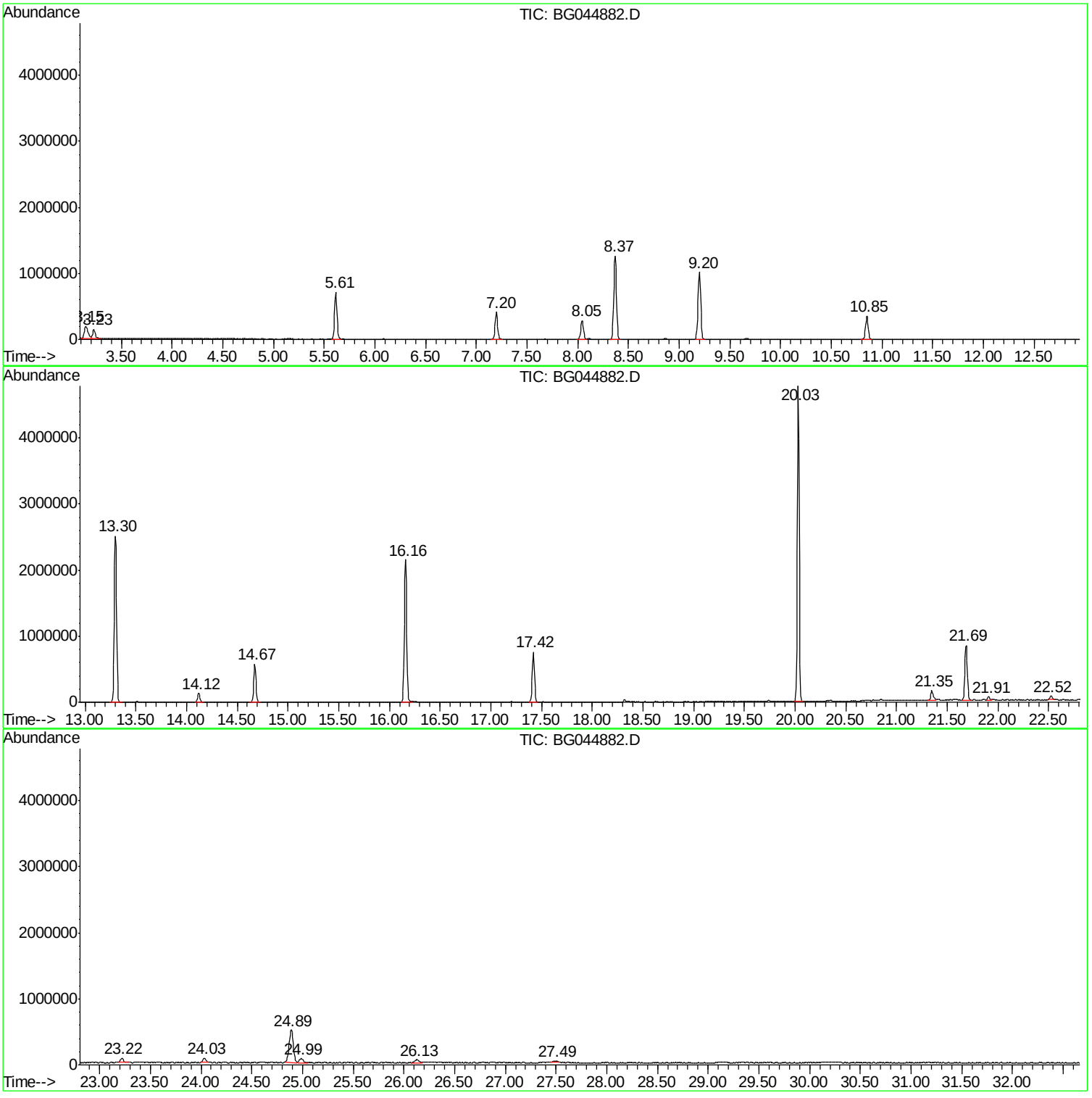
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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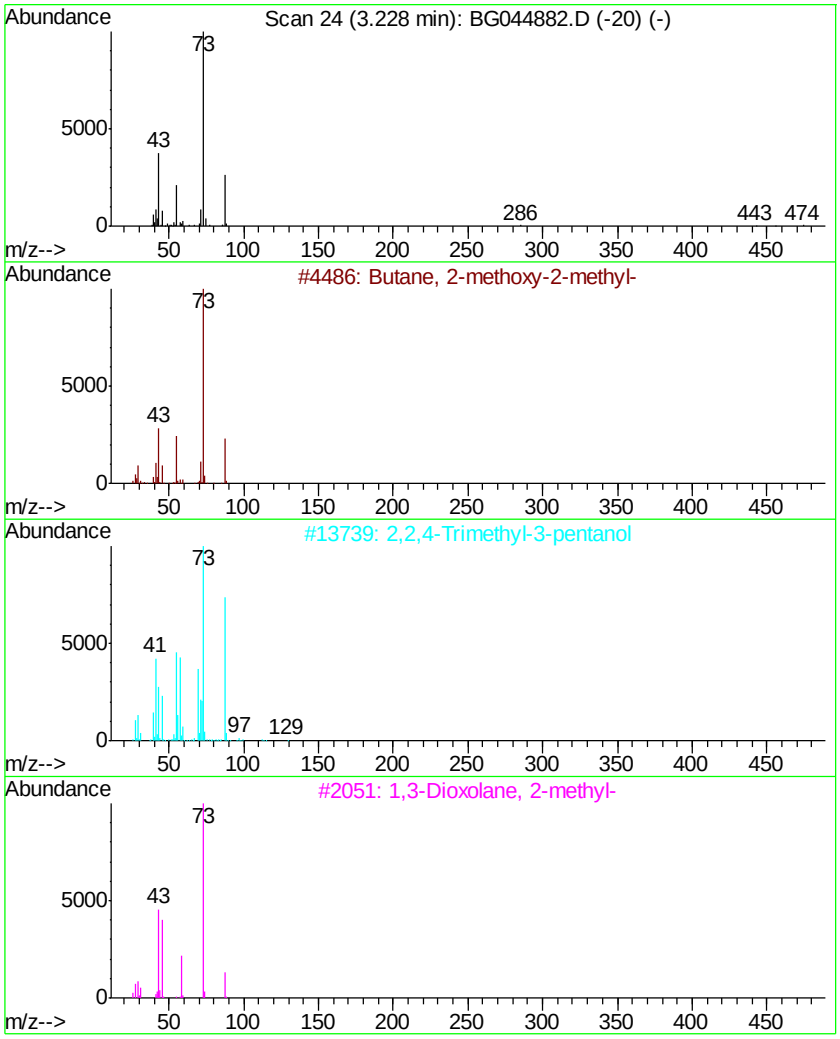
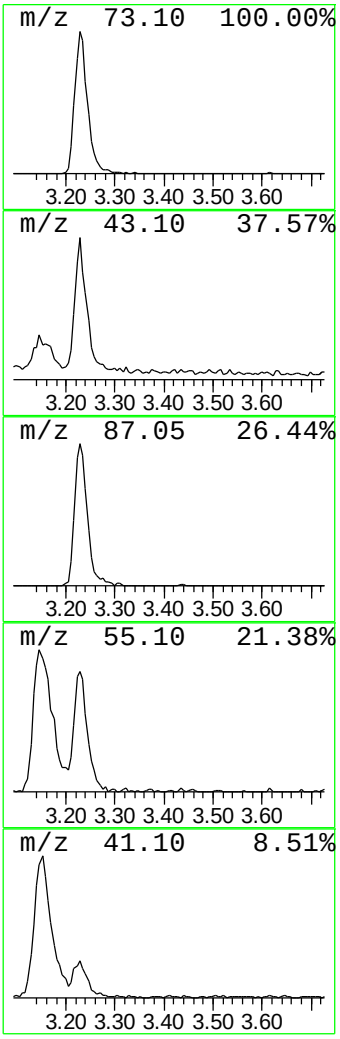
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	10.30 ng	267057	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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ClientSampleId : FIELD-BLANK

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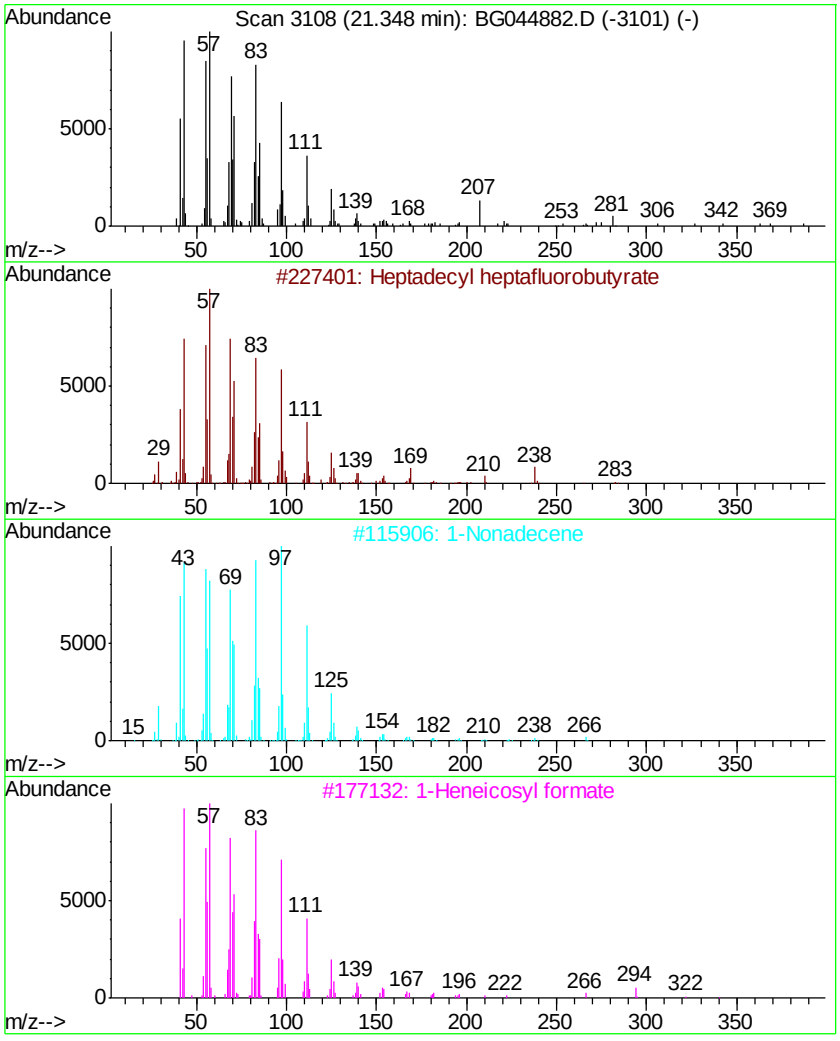
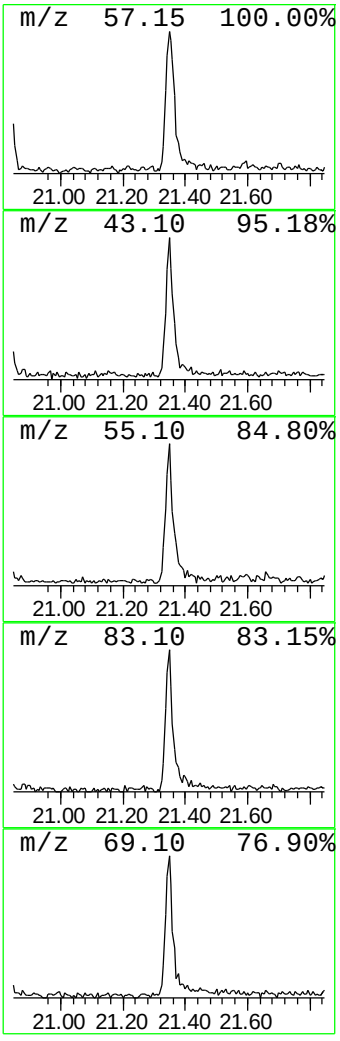
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.82 ng	270810	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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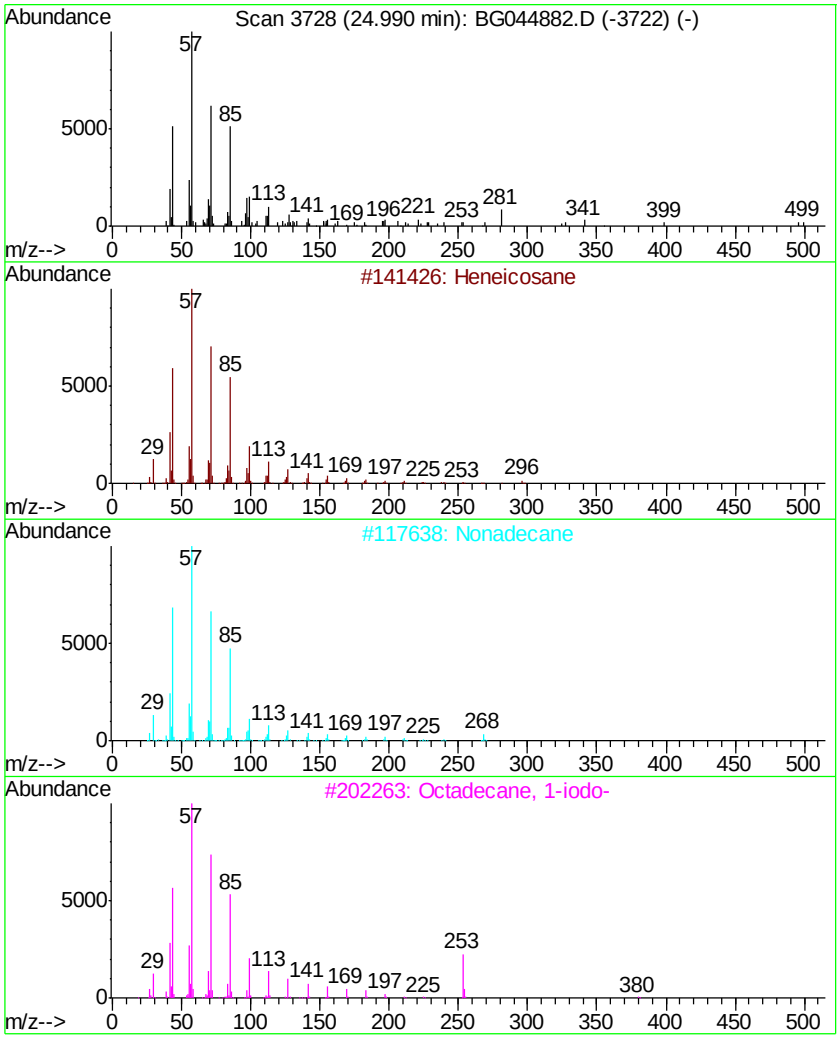
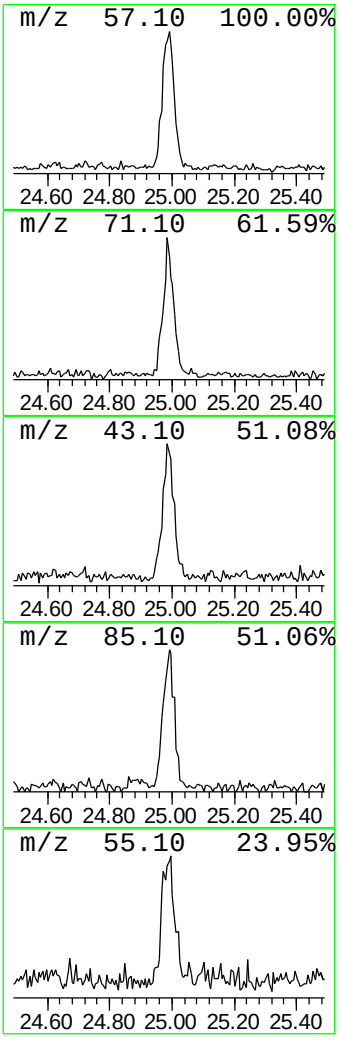
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.33 ng	165254	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Octadecane	254	C18H38	000593-45-3	80





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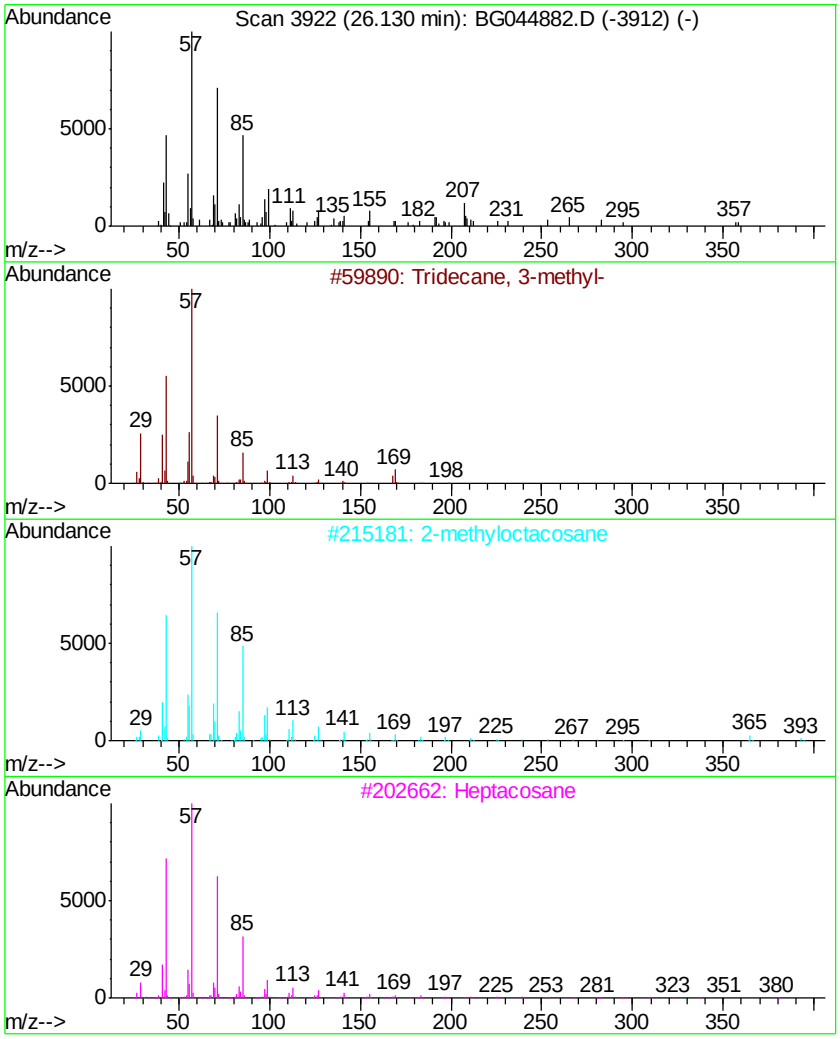
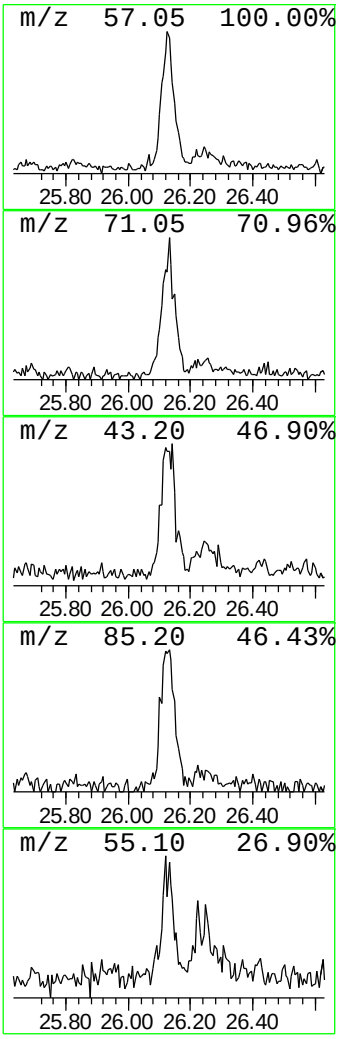
****

Peak Number 6 Tridecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.03 ng	144173	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2	2-methyloctacosane	408	C29H60	1000376-72-8	64
3	Heptacosane	380	C27H56	000593-49-7	58
4	Pentadecane	212	C15H32	000629-62-9	52
5	Heneicosane	296	C21H44	000629-94-7	52





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Butane, 2-methoxy...	3.23	10.3	ng	267057	1	8.05	518511	20.0
Heptadecyl heptaf...	21.35	3.8	ng	270810	5	21.69	1418420	20.0
Heneicosane	24.99	2.3	ng	165254	6	24.88	1416960	20.0
Tridecane, 3-methyl-	26.13	2.0	ng	144173	6	24.88	1416960	20.0