LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044441.D
Acq On : 14 Feb 2020 16:41
Operator : CG/JU
Sample : L1523-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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	4.997	319	325	334	rBV2	41836	69353	2.12%	0.406%
2	5.473	399	406	425	rBV	716704	1186216	36.26%	6.947%
3	7.065	670	677	695	rBV	692968	1254100	38.34%	7.345%
4	7.894	811	818	827	rBV	186013	323468	9.89%	1.894%
5	8.217	866	873	884	rBV	602345	1050906	32.12%	6.155%
6	9.051	1006	1015	1036	rBV	416984	799164	24.43%	4.680%
7	10.696	1286	1295	1314	rBV	233171	450376	13.77%	2.638%
8	13.158	1706	1714	1734	rBV	1153052	1880775	57.49%	11.015%
9	13.992	1850	1856	1868	rVB	27660	52589	1.61%	0.308%
10	14.533	1942	1948	1960	rBV2	409825	657454	20.10%	3.850%
11	16.019	2195	2201	2220	rBV	943744	1512177	46.22%	8.856%
12	17.277	2408	2415	2425	rBV	551766	866318	26.48%	5.073%
13	19.891	2854	2860	2873	rBV	2397672	3271341	100.00%	19.158%
14	21.190	3076	3081	3095	rBV	115301	219869	6.72%	1.288%
15	21.425	3116	3121	3128	rVB	111301	147980	4.52%	0.867%
16	21.519	3131	3137	3148	rBV	673517	1102329	33.70%	6.456%
17	21.724	3167	3172	3181	rVB	37175	57519	1.76%	0.337%
18	22.312	3265	3272	3280	rBV	58209	111921	3.42%	0.655%
19	22.976	3380	3385	3392	rVB	71019	126838	3.88%	0.743%
20	23.158	3409	3416	3424	rBV	199498	372536	11.39%	2.182%
21	23.746	3508	3516	3523	rBV2	65382	146766	4.49%	0.860%
22	24.603	3652	3662	3683	rBV2	415881	1262682	38.60%	7.395%
23	25.726	3845	3853	3864	rVB2	38374	108295	3.31%	0.634%
24	27.018	4067	4073	4079	rVB6	17319	44382	1.36%	0.260%

Sum of corrected areas: 17075354

LSC Report - Integrated Chromatogram

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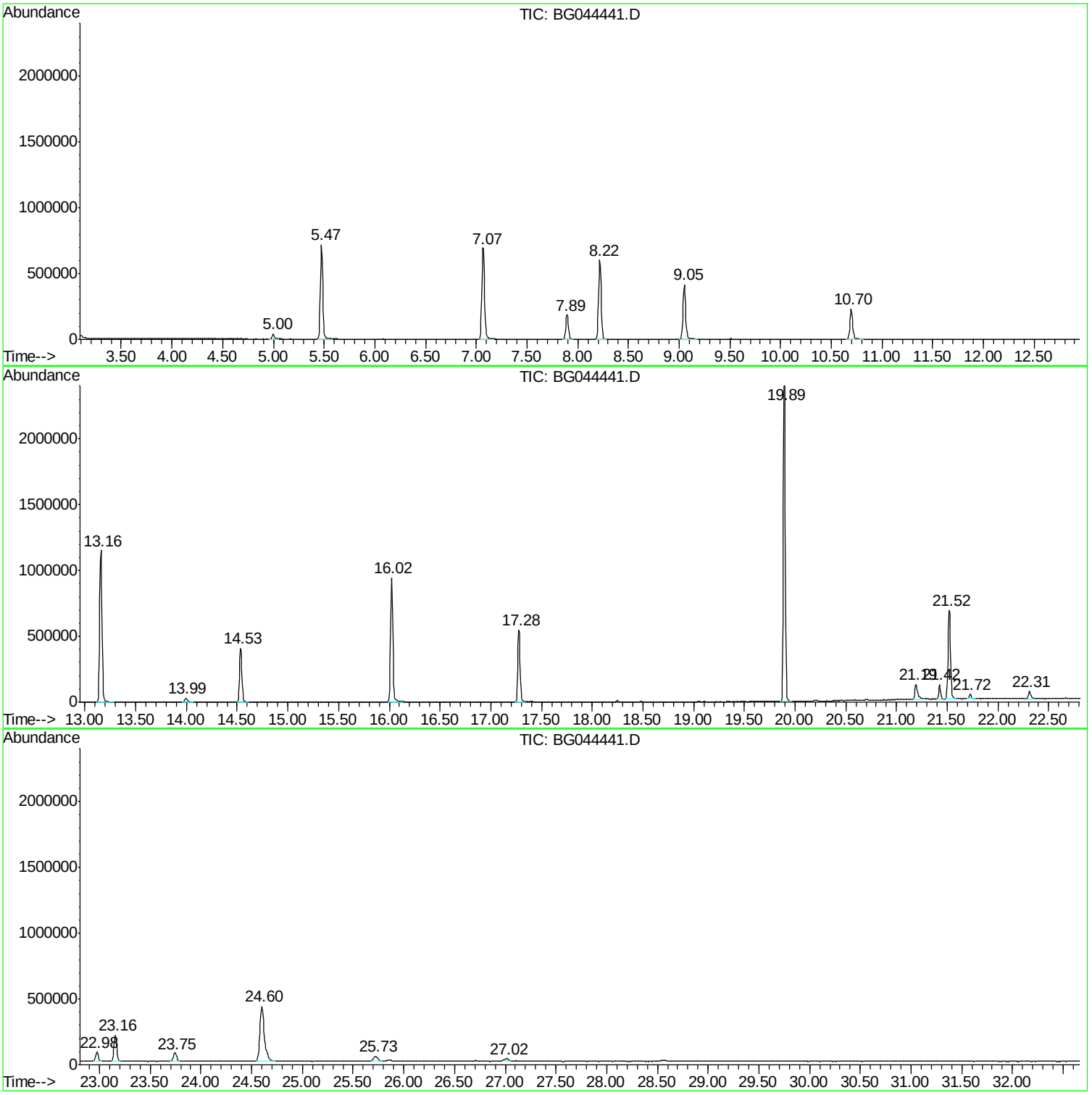
Sample : L1523-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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 Library : C:\Database\NIST11.L
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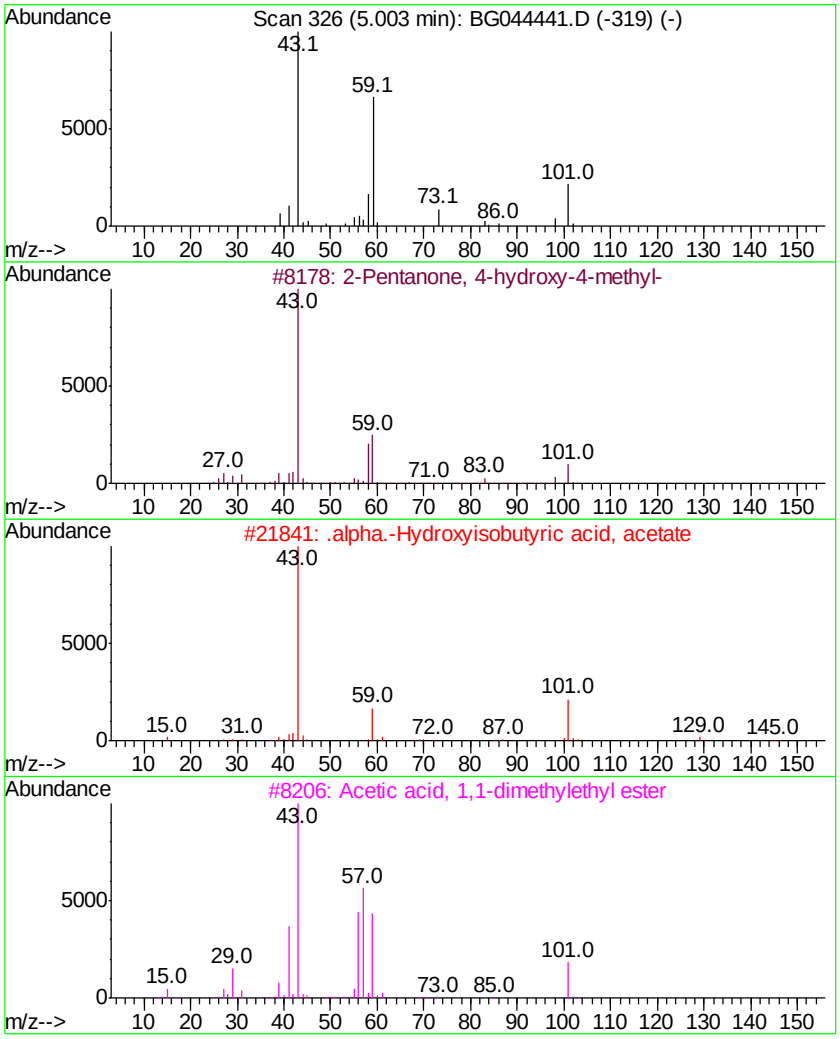
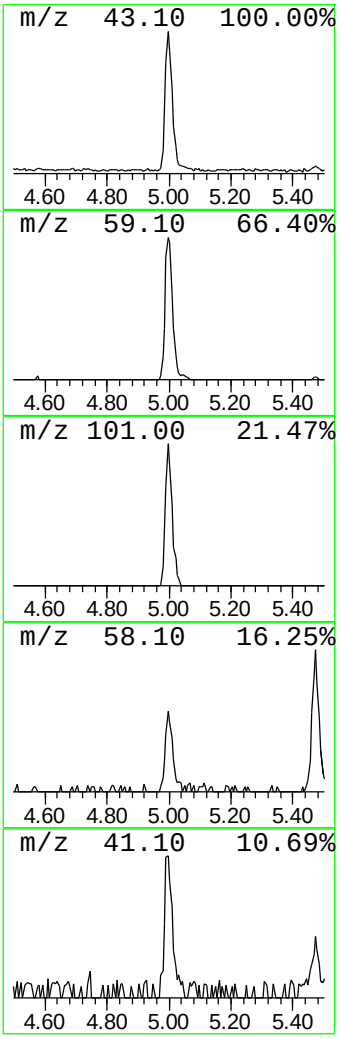
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.29 ng	69353	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	45
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	3-Pentanol	88	C5H12O	000584-02-1	17





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Instrument : BNA_G
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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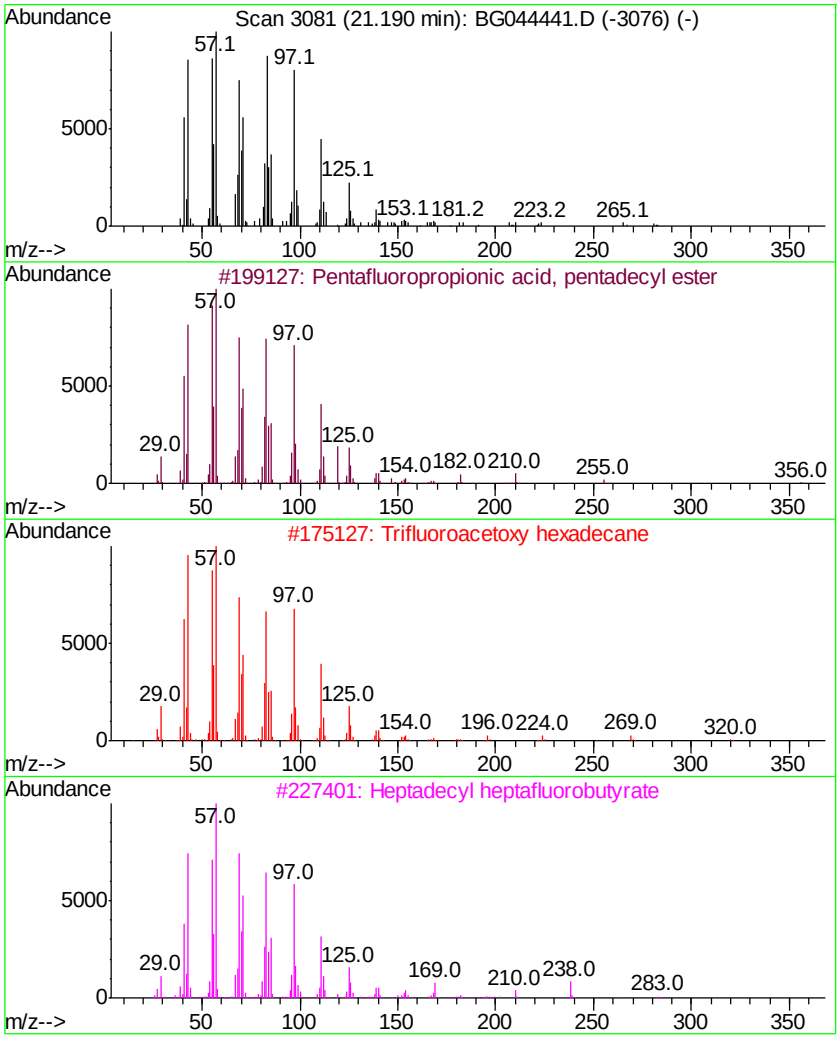
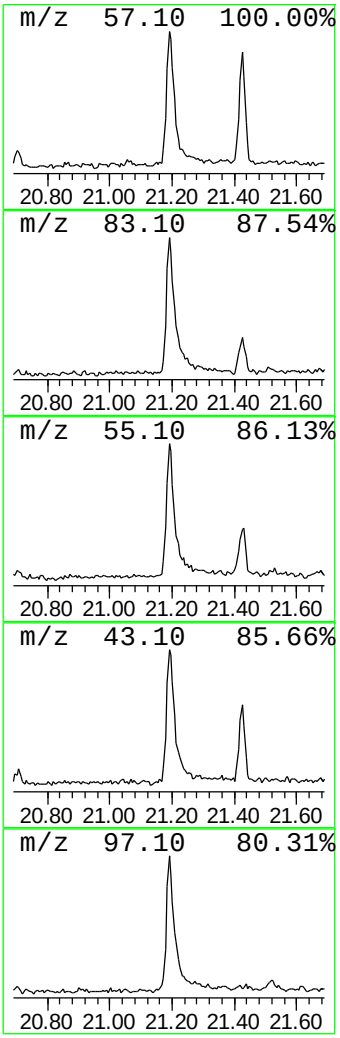
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	3.99 ng	219869	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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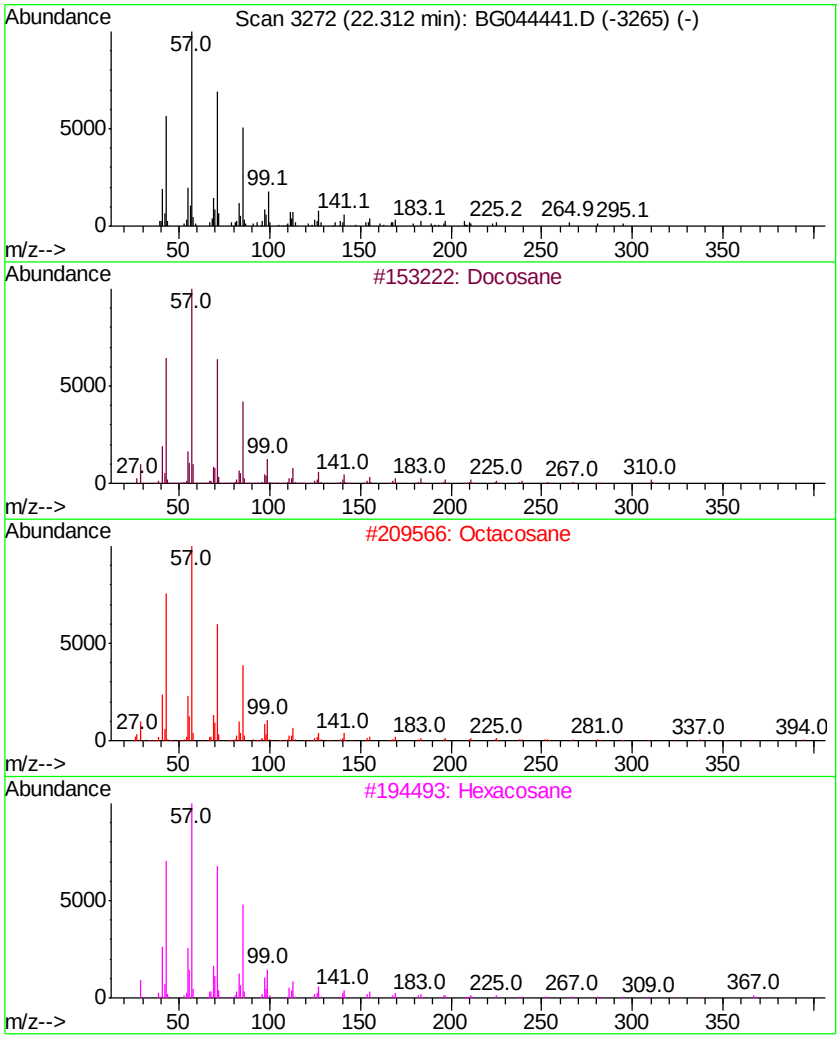
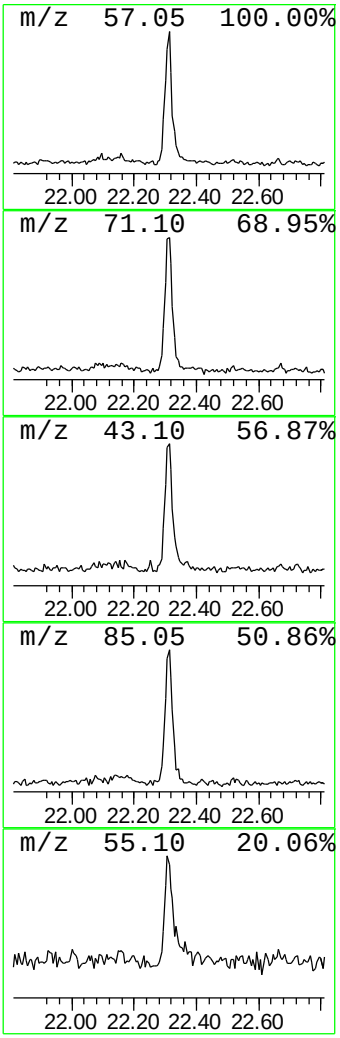
Peak Number 4 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.03 ng	111921	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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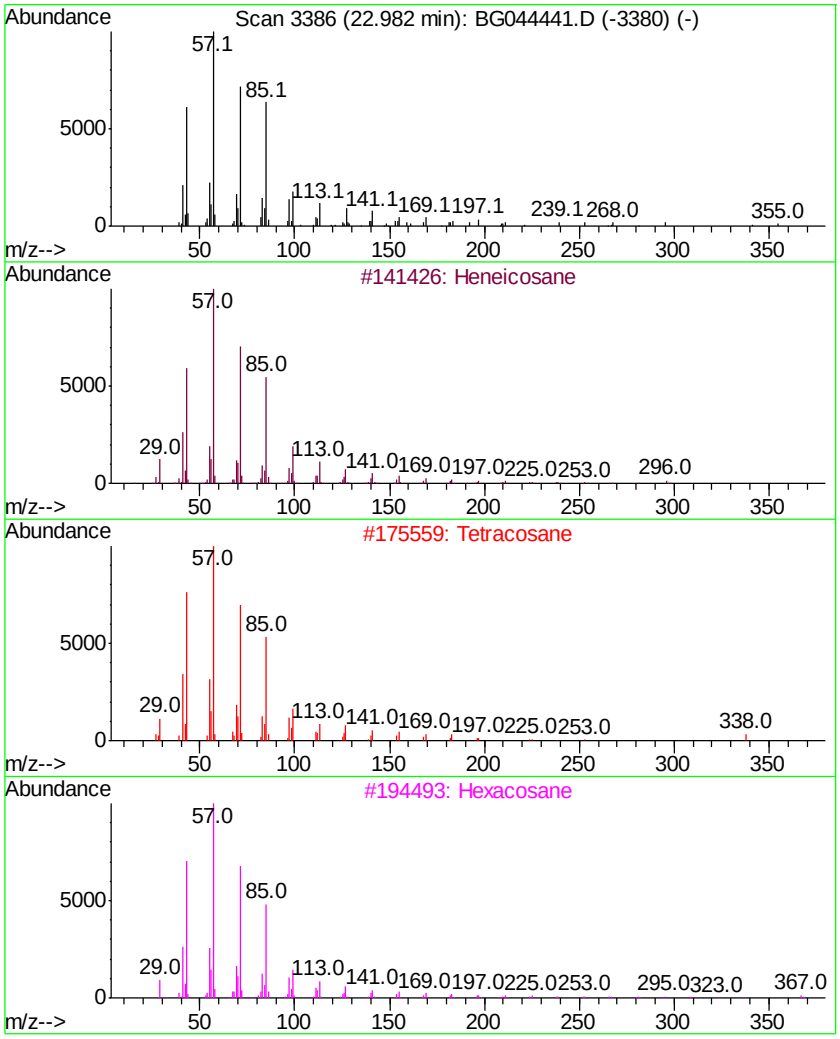
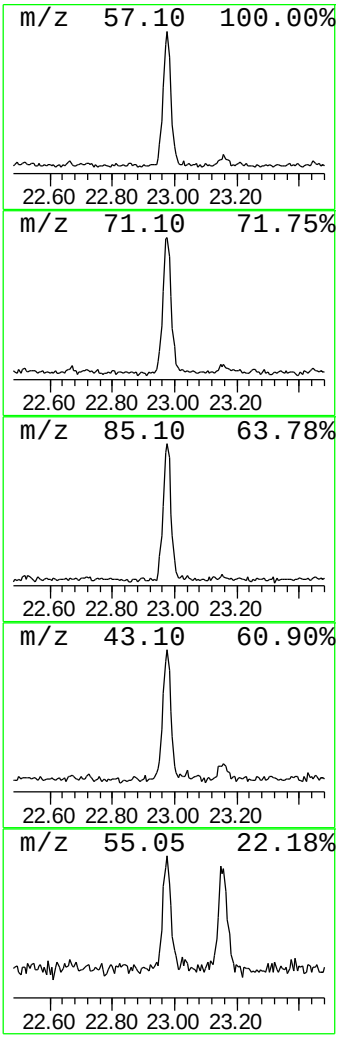
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	2.30 ng	126838	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane	310	C22H46	000629-97-0	91





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Sample : L1523-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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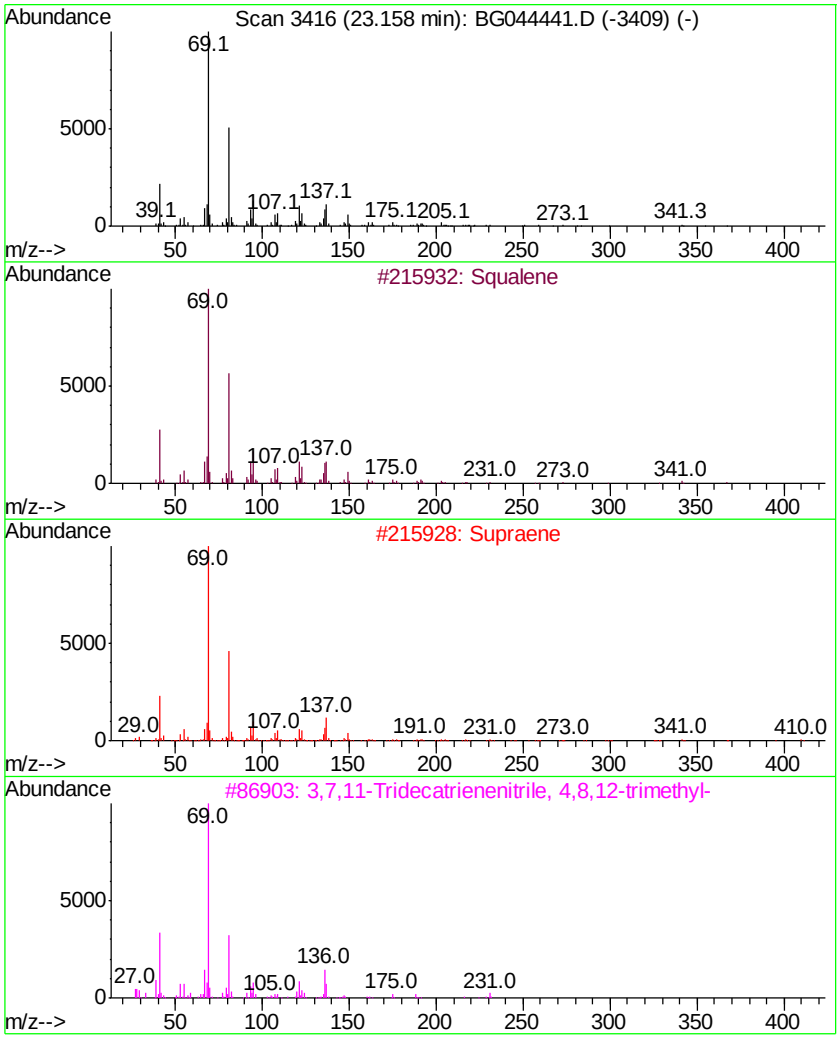
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

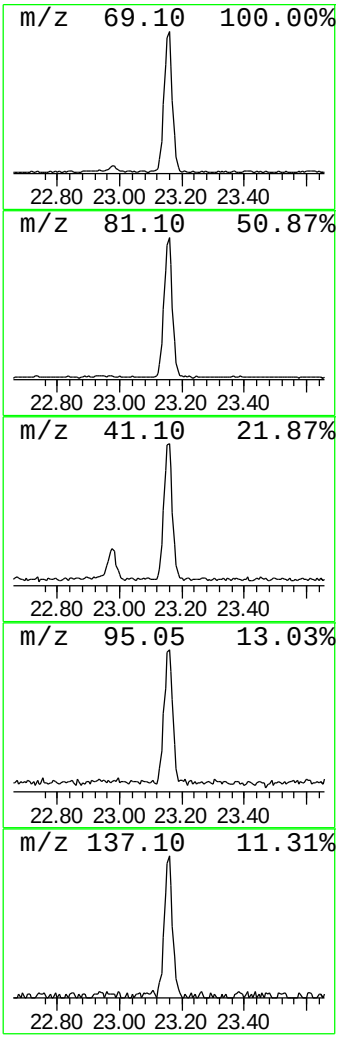
****

Peak Number 6 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	5.90 ng	372536	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	78
4	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Tentatively Identified Compound (LSC) summary

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ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
2-Pentanone, 4-hy...	5.00	4.3	ng	69353	1	7.89	323468	20.0
Pentafluoropropio...	21.19	4.0	ng	219869	5	21.52	1102330	20.0
Docosane	22.31	2.0	ng	111921	5	21.52	1102330	20.0
Heneicosane	22.98	2.3	ng	126838	5	21.52	1102330	20.0
Squalene	23.16	5.9	ng	372536	6	24.60	1262680	20.0