LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044587.D
Acq On : 25 Feb 2020 21:54
Operator : CG/JU
Sample : L1655-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

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-BG022420.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	4.977	315	321	329	rBV	29185	48341	1.17%	0.251%
2	5.453	395	402	416	rBV	881632	1467397	35.44%	7.605%
3	7.051	666	674	691	rBV	860415	1539483	37.19%	7.979%
4	7.874	806	814	823	rBV	197699	340439	8.22%	1.764%
5	8.197	860	869	882	rBV	756063	1296462	31.32%	6.719%
6	9.031	1003	1011	1028	rBV	500065	966304	23.34%	5.008%
7	10.676	1282	1291	1309	rBV	243657	471786	11.40%	2.445%
8	13.138	1702	1710	1722	rBV	1417474	2393207	57.81%	12.403%
9	13.978	1846	1853	1861	rBV2	25526	48663	1.18%	0.252%
10	14.519	1937	1945	1955	rBV	420200	701990	16.96%	3.638%
11	16.005	2190	2198	2217	rBV	1206135	1933482	46.70%	10.021%
12	17.263	2404	2412	2425	rBV	571305	912842	22.05%	4.731%
13	19.877	2851	2857	2872	rBV	3113687	4139946	100.00%	21.456%
14	21.170	3072	3077	3087	rBV2	139863	254889	6.16%	1.321%
15	21.499	3127	3133	3142	rBV	616502	1047477	25.30%	5.429%
16	21.704	3164	3168	3173	rVB	40672	55496	1.34%	0.288%
17	22.286	3262	3267	3278	rBV	61519	106079	2.56%	0.550%
18	22.950	3374	3380	3390	rVB	74045	135419	3.27%	0.702%
19	23.714	3504	3510	3519	rVB	66127	133943	3.24%	0.694%
20	24.566	3644	3655	3672	rBV2	388759	1218089	29.42%	6.313%
21	25.676	3837	3844	3854	rVB2	28697	82908	2.00%	0.430%

Sum of corrected areas: 19294642

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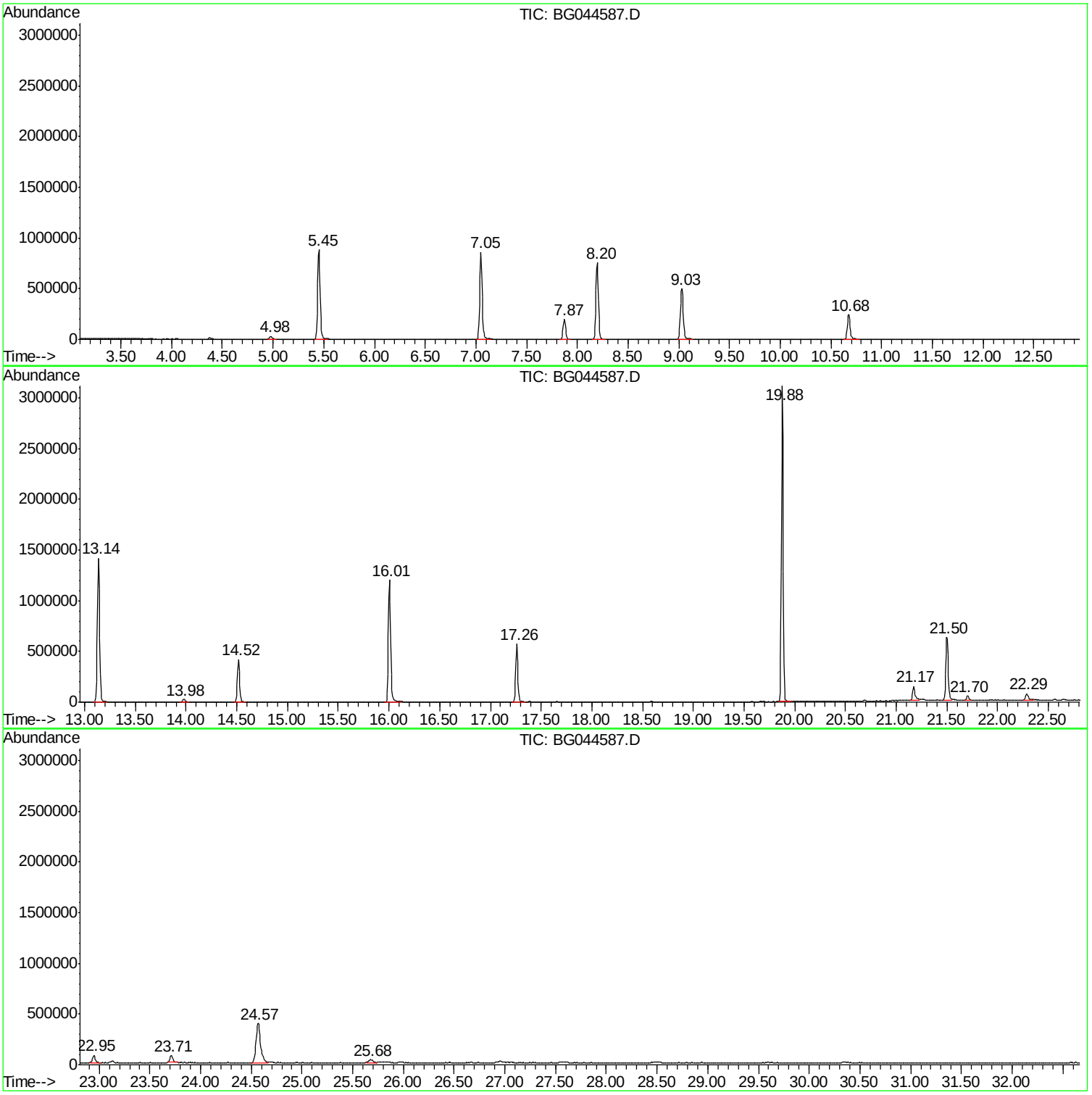
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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Operator : CG/JU
Sample : L1655-01
Misc :
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Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

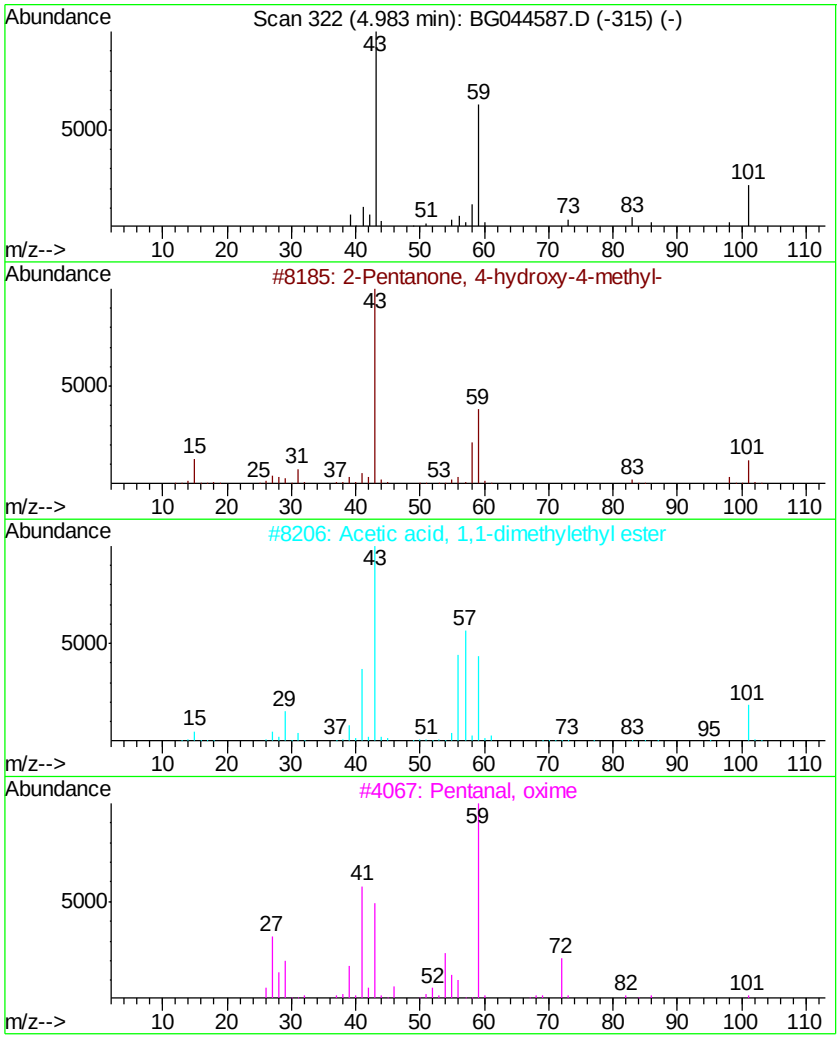
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

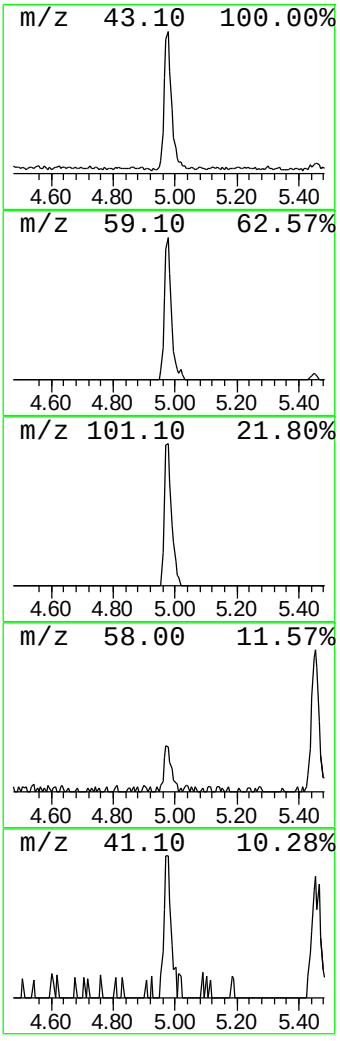
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.84 ng	48341	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Pentanal, oxime	101	C5H11NO	000628-79-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butanamide	87	C4H9NO	000541-35-5	12





Library Search Compound Report

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Data File : BG044587.D
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Misc :
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Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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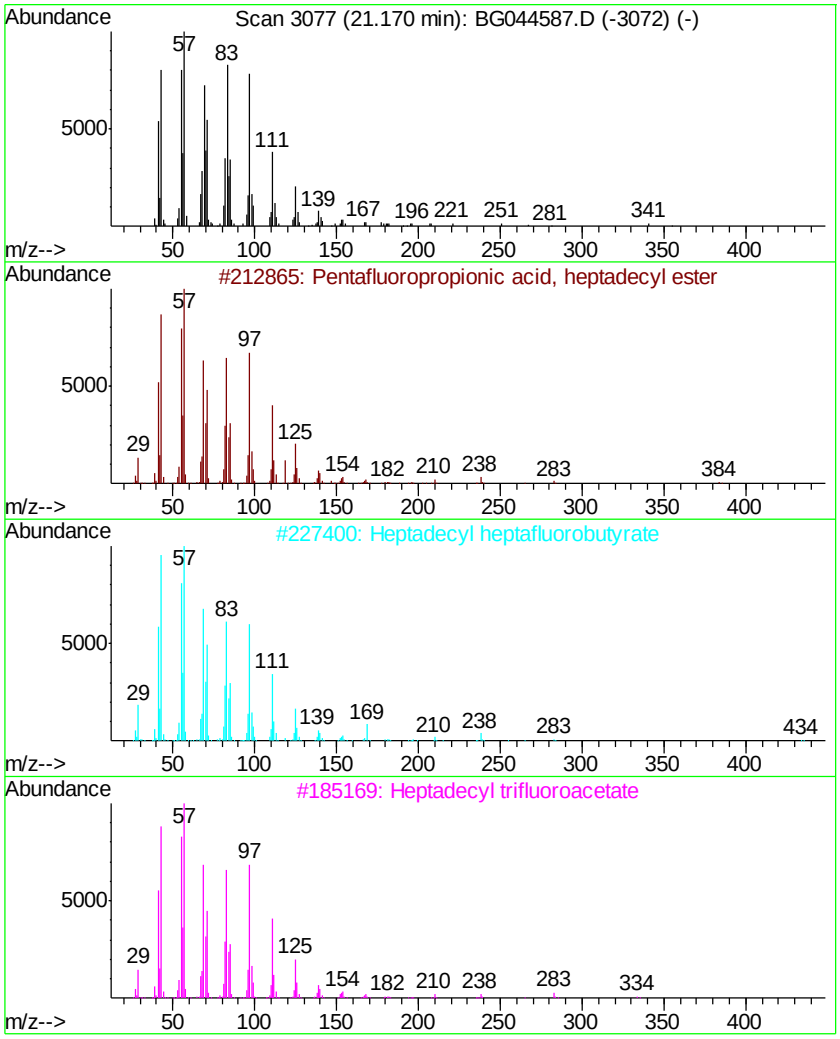
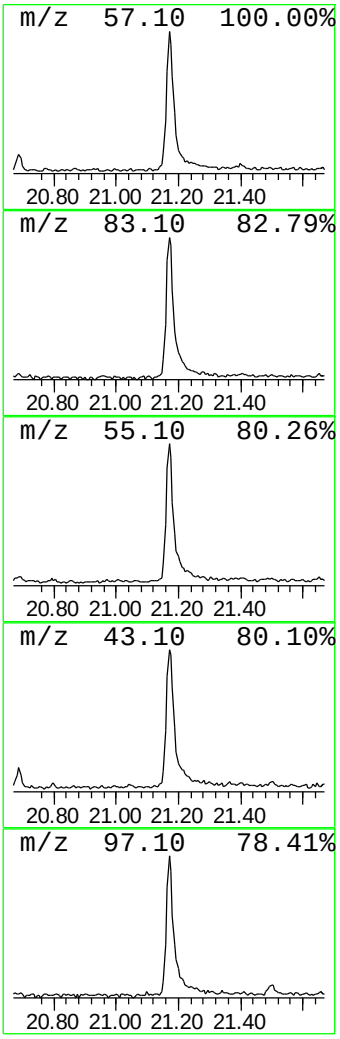
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	4.87 ng	254889	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
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Operator : CG/JU
Sample : L1655-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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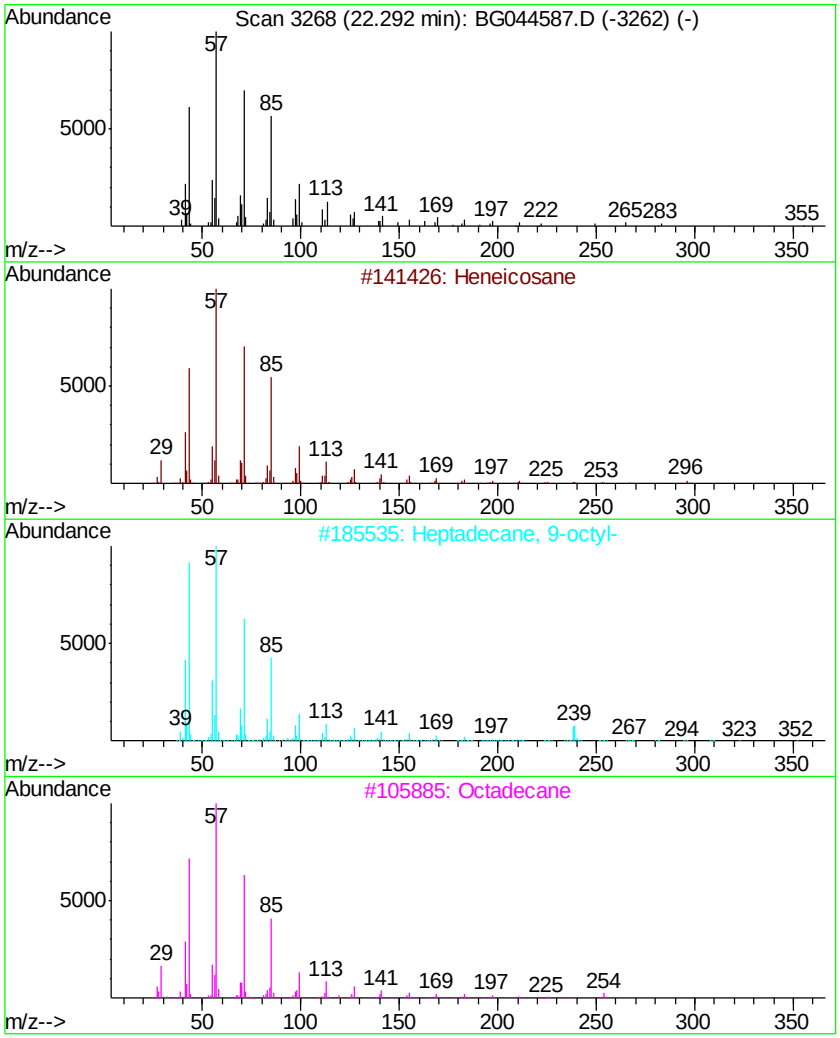
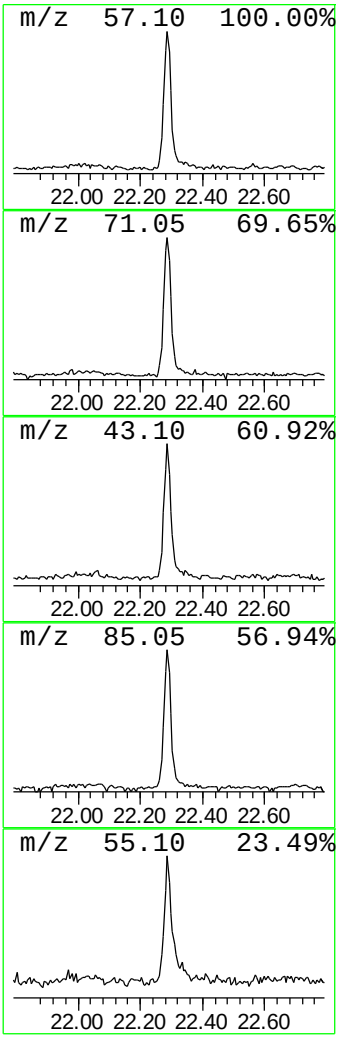
Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.03 ng	106079	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octadecane	254	C18H38	000593-45-3	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Pentacosane	352	C25H52	000629-99-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
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Acq On : 25 Feb 2020 21:54
Operator : CG/JU
Sample : L1655-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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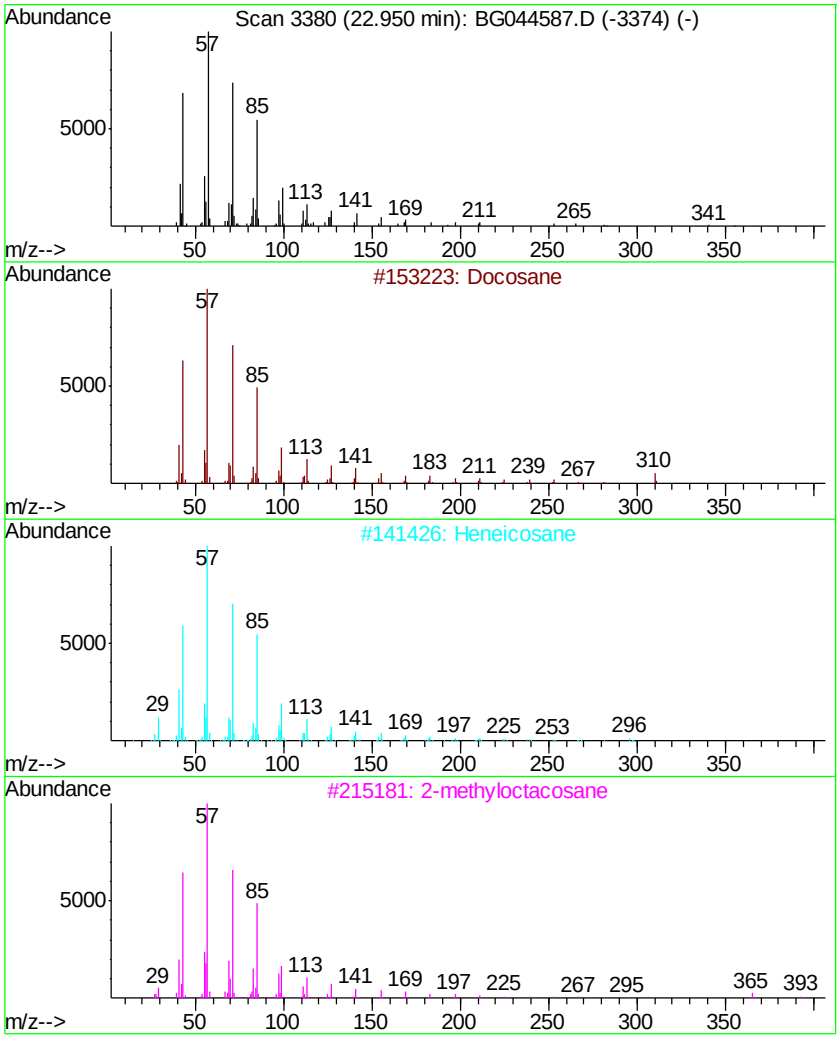
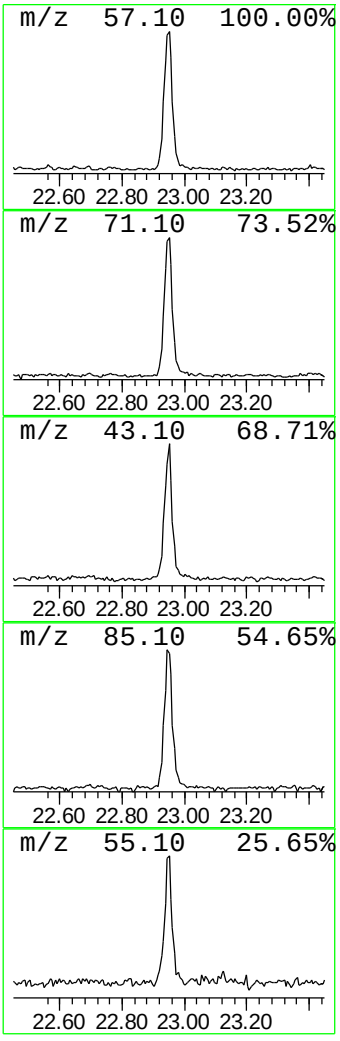
Peak Number 5 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.59 ng	135419	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
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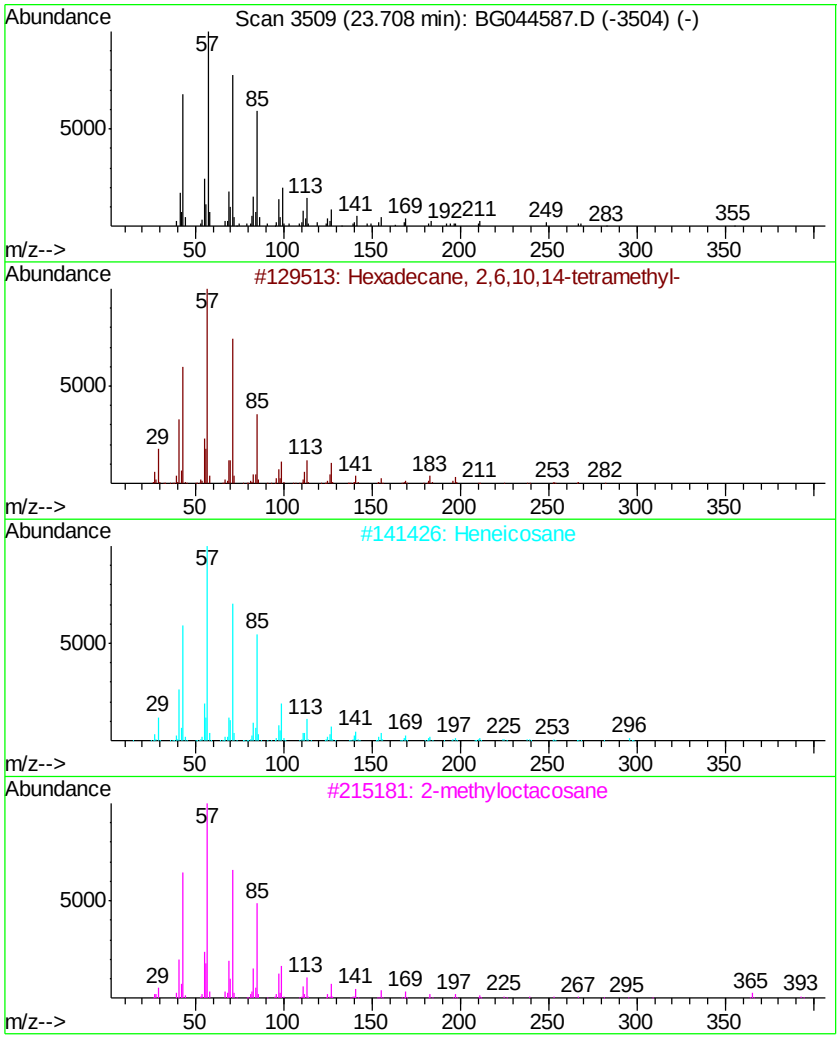
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

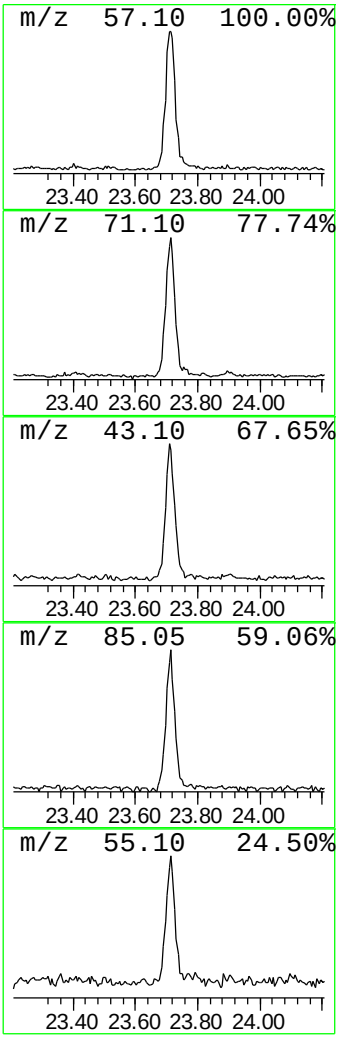
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	2.20 ng	133943	Perylene-d12	24.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022520\
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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...	4.98	2.8	ng	48341	1	7.87	340439	20.0
Pentafluoropropio...	21.17	4.9	ng	254889	5	21.50	1047480	20.0
Heneicosane	22.29	2.0	ng	106079	5	21.50	1047480	20.0
Docosane	22.95	2.6	ng	135419	5	21.50	1047480	20.0
Hexadecane, 2,6,1...	23.71	2.2	ng	133943	6	24.57	1218090	20.0