LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042543.D
Acq On : 28 Aug 2019 21:53
Operator : HP/JU
Sample : K4536-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-30-32

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-BG082219.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	3.118	3	5	22	rVB	449711	541892	22.16%	4.447%
2	5.556	413	420	433	rBV	356775	601915	24.61%	4.939%
3	7.160	685	693	707	rBV	362817	670772	27.43%	5.504%
4	7.530	749	756	770	rBV	398267	692473	28.31%	5.682%
5	7.994	829	835	845	rVB	88130	148057	6.05%	1.215%
6	8.323	883	891	900	rBV	305407	521344	21.32%	4.278%
7	9.164	1027	1034	1049	rBV	198963	385185	15.75%	3.161%
8	10.820	1308	1316	1327	rBV	93011	195610	8.00%	1.605%
9	13.276	1727	1734	1749	rBV	653244	1076834	44.03%	8.836%
10	14.105	1868	1875	1888	rBV	124341	229239	9.37%	1.881%
11	14.657	1963	1969	1985	rBV2	214143	352480	14.41%	2.892%
12	16.150	2216	2223	2243	rBV	706298	1281042	52.38%	10.512%
13	17.413	2431	2438	2451	rBV	349358	569022	23.27%	4.669%
14	17.530	2451	2458	2466	rVB4	15604	25930	1.06%	0.213%
15	20.021	2876	2882	2891	rBV	1827633	2445689	100.00%	20.069%
16	21.326	3098	3104	3118	rBV	137886	298316	12.20%	2.448%
17	21.684	3159	3165	3178	rVB2	460154	796463	32.57%	6.536%
18	21.878	3193	3198	3203	rBV2	33155	49291	2.02%	0.404%
19	22.489	3297	3302	3308	rBV2	50162	84631	3.46%	0.694%
20	23.188	3414	3421	3427	rBV3	59558	120809	4.94%	0.991%
21	24.005	3553	3560	3566	rBV3	47516	100099	4.09%	0.821%
22	24.927	3706	3717	3734	rBV2	290650	945474	38.66%	7.759%
23	26.103	3910	3917	3926	rVB5	18834	53725	2.20%	0.441%

Sum of corrected areas: 12186292

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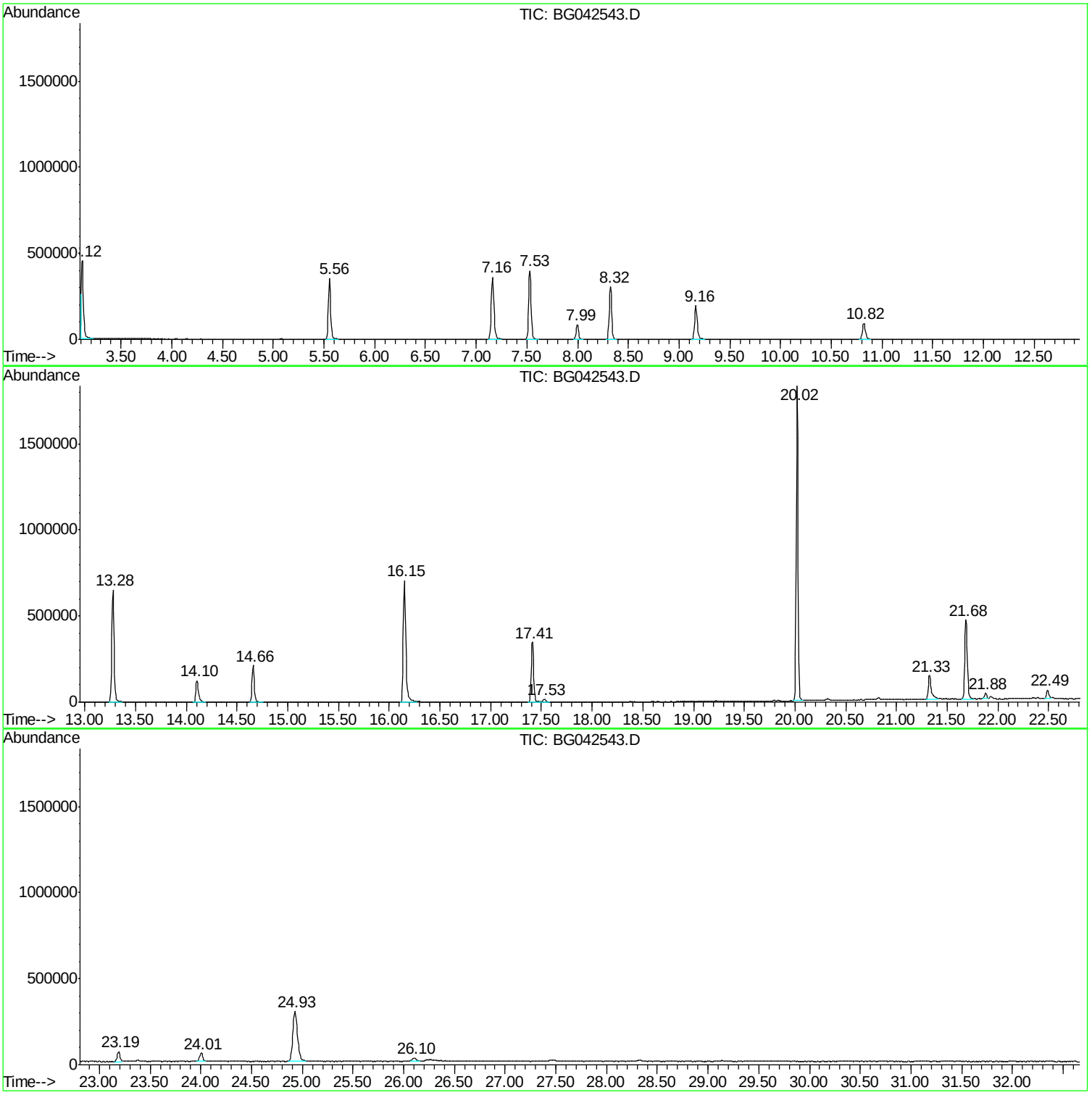
Instrument : BNA_G
ClientSampleId : SB-1-30-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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Data File : BG042543.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

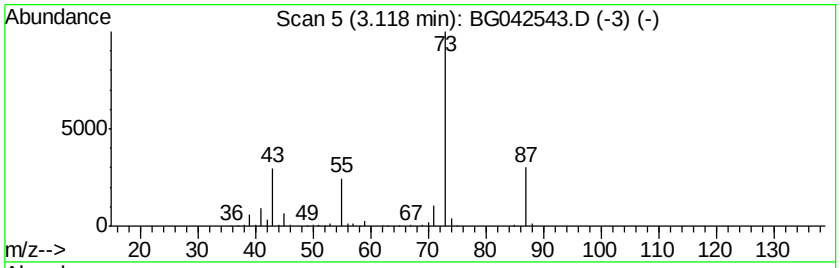
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

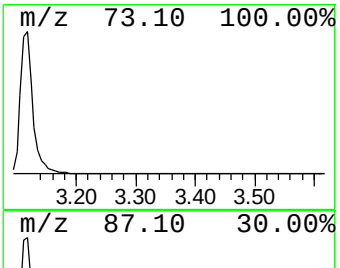
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	73.20 ng	541892	1,4-Dichlorobenzene-d4	7.99

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : SB-1-30-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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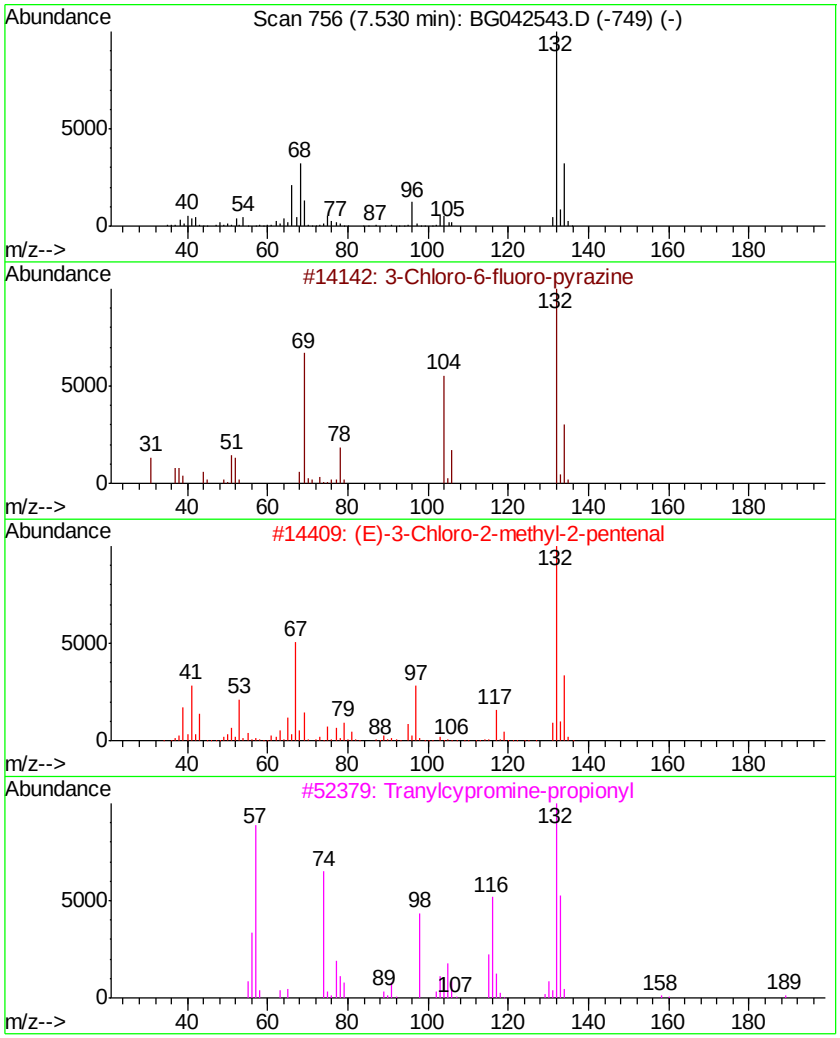
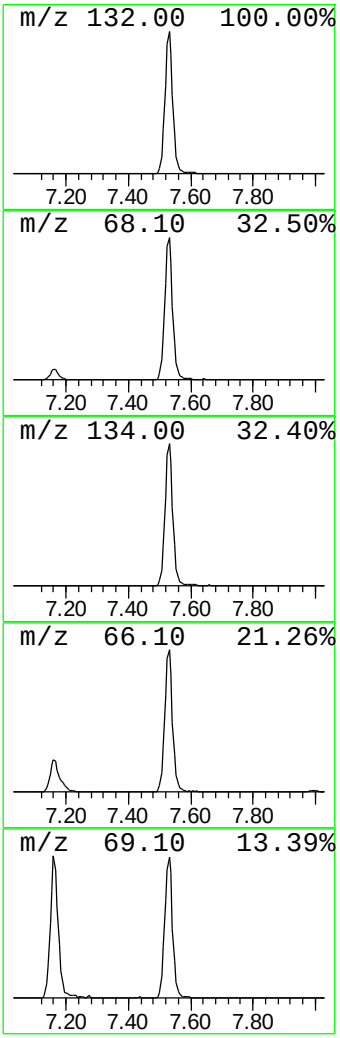
****

Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	93.54 ng	692473	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : HP/JU
Sample : K4536-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-30-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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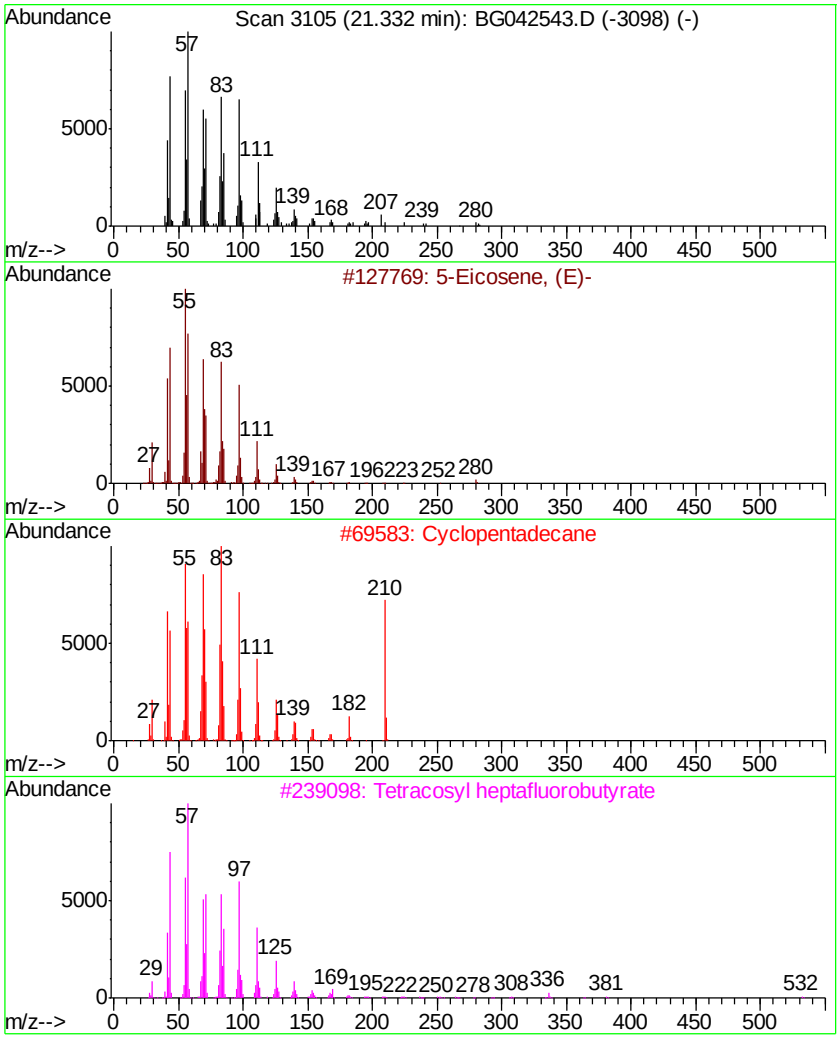
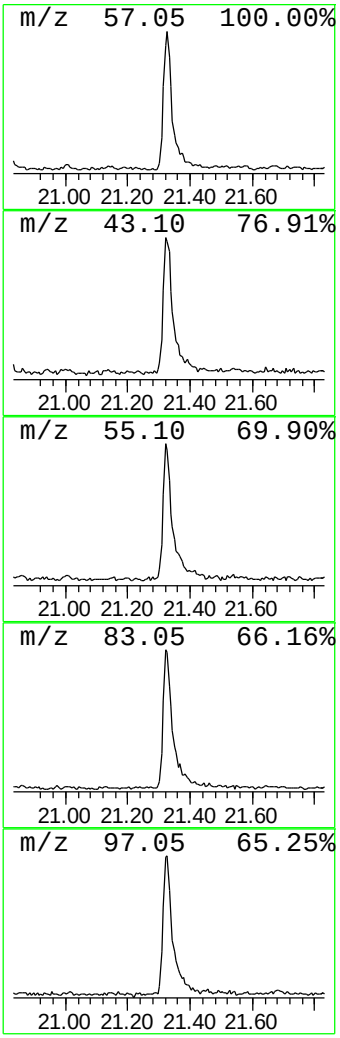
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	7.49 ng	298316	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042543.D
Acq On : 28 Aug 2019 21:53
Operator : HP/JU
Sample : K4536-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-30-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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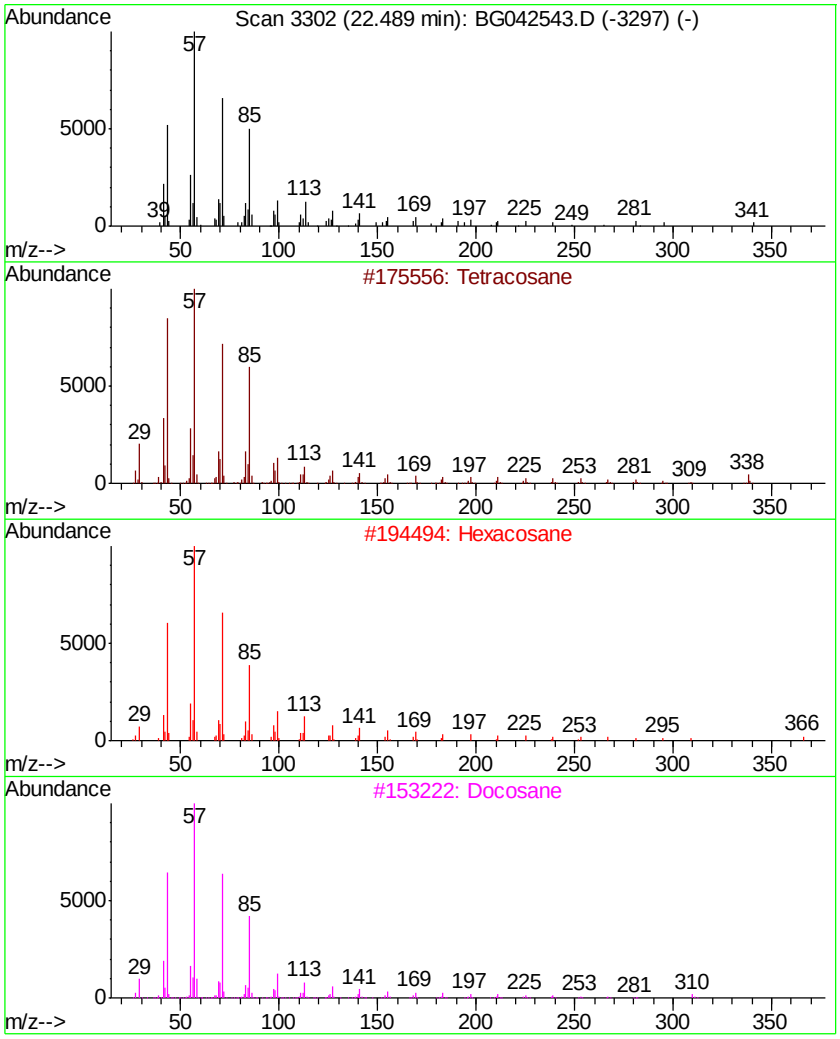
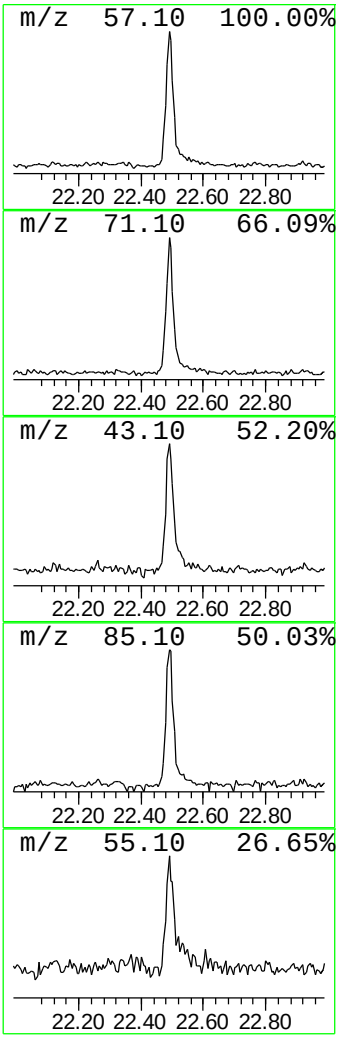
****

Peak Number 5 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.13 ng	84631	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Docosane	310	C22H46	000629-97-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	90





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : SB-1-30-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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TIC Library : C:\Database\NIST11.L
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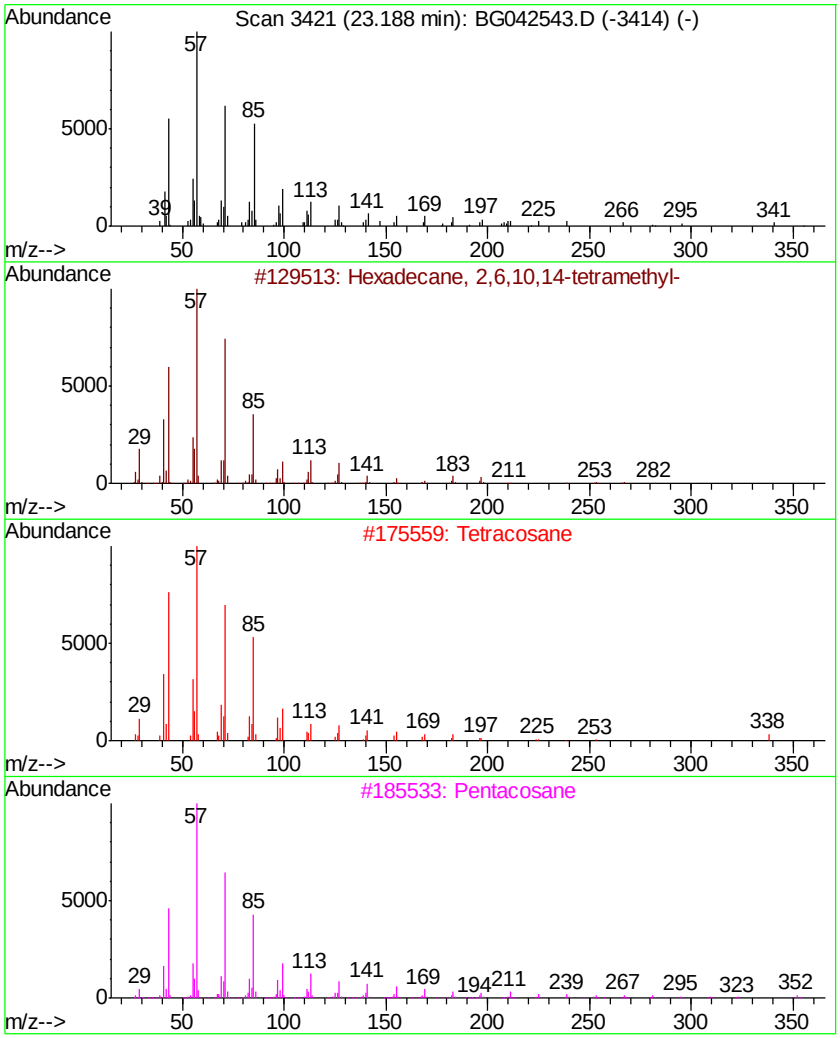
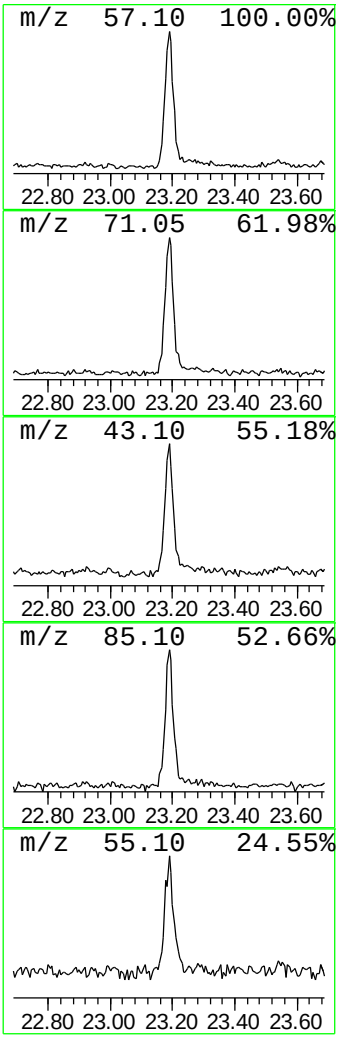
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.03 ng	120809	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Triacontane	422	C30H62	000638-68-6	91





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Instrument : BNA_G
ClientSampleId : SB-1-30-32

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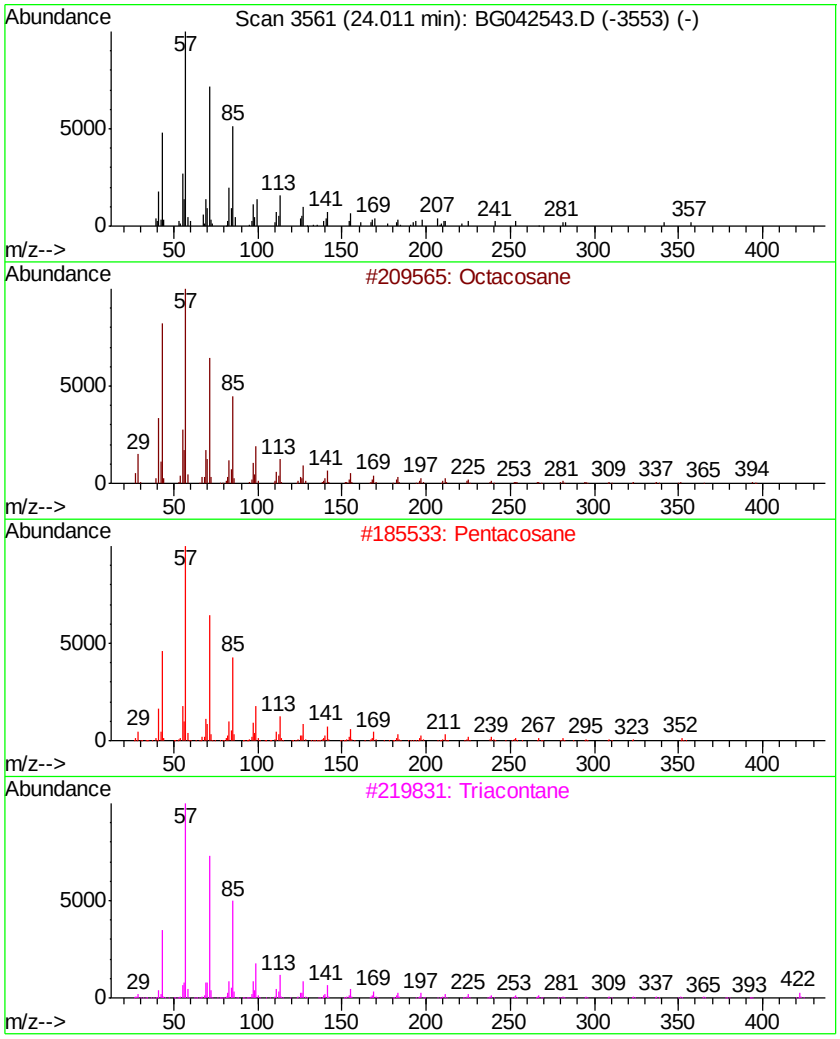
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

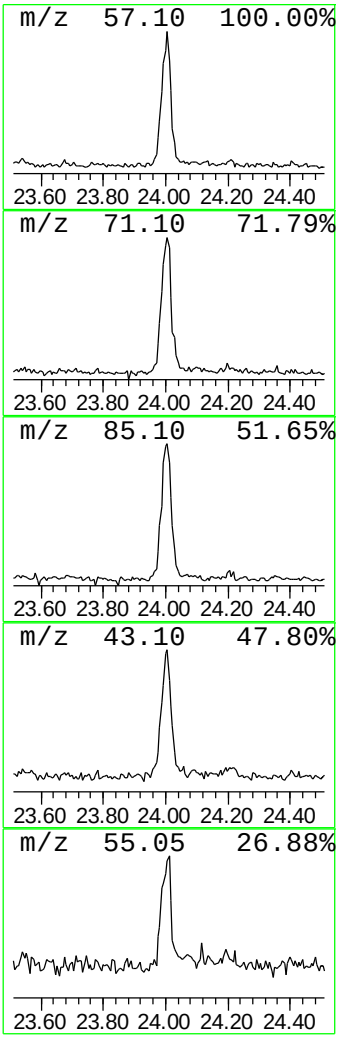
****

Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.12 ng	100099	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	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
Butane, 2-methoxy...	3.12	73.2	ng	541892	1	7.99	148057	20.0
unknown7.53	7.53	93.5	ng	692473	1	7.99	148057	20.0
5-Eicosene, (E)-	21.33	7.5	ng	298316	5	21.68	796463	20.0
Tetracosane	22.49	2.1	ng	84631	5	21.68	796463	20.0
Hexadecane, 2,6,1...	23.19	3.0	ng	120809	5	21.68	796463	20.0
Octacosane	24.01	2.1	ng	100099	6	24.93	945474	20.0