LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036714.D
Acq On : 14 Sep 2018 20:40
Operator : JU/SJ
Sample : J4906-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-PIT-7

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-BG082318.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	5.156	312	318	324	rBV	26580	41580	1.79%	0.275%
2	5.620	390	397	410	rVB	577443	912675	39.20%	6.034%
3	7.206	659	667	679	rBV	603328	1066174	45.80%	7.048%
4	7.582	723	731	739	rBV	555342	957337	41.12%	6.329%
5	8.052	804	811	818	rBV	172128	298802	12.83%	1.975%
6	8.376	857	866	876	rBV	388827	674370	28.97%	4.458%
7	9.210	998	1008	1020	rBV	357323	630124	27.07%	4.166%
8	10.855	1280	1288	1296	rVB	252472	447440	19.22%	2.958%
9	13.299	1696	1704	1713	rBV	901641	1400089	60.14%	9.256%
10	14.122	1837	1844	1851	rBV	103052	151829	6.52%	1.004%
11	14.674	1931	1938	1947	rVB2	430296	686203	29.47%	4.536%
12	16.161	2184	2191	2206	rBV	899282	1430484	61.44%	9.457%
13	17.418	2399	2405	2412	rBV	622110	948566	40.74%	6.271%
14	19.827	2813	2815	2822	rVB6	16665	24931	1.07%	0.165%
15	20.021	2842	2848	2856	rBV	1774701	2328090	100.00%	15.391%
16	20.326	2896	2900	2905	rBV2	24645	32766	1.41%	0.217%
17	20.820	2980	2984	2988	rBV	40033	48398	2.08%	0.320%
18	21.331	3067	3071	3077	rBV2	55856	84979	3.65%	0.562%
19	21.684	3124	3131	3138	rBV	596730	998579	42.89%	6.601%
20	21.877	3159	3164	3170	rVB	79165	123019	5.28%	0.813%
21	22.483	3262	3267	3273	rBV	99612	157406	6.76%	1.041%
22	23.170	3378	3384	3393	rVB	100455	198021	8.51%	1.309%
23	23.364	3414	3417	3424	rVB	33833	52410	2.25%	0.346%
24	23.975	3515	3521	3529	rVB2	81980	180128	7.74%	1.191%
25	24.886	3666	3676	3693	rVB2	363199	1158721	49.77%	7.660%
26	26.037	3866	3872	3881	rVB4	35960	93578	4.02%	0.619%

Sum of corrected areas: 15126699

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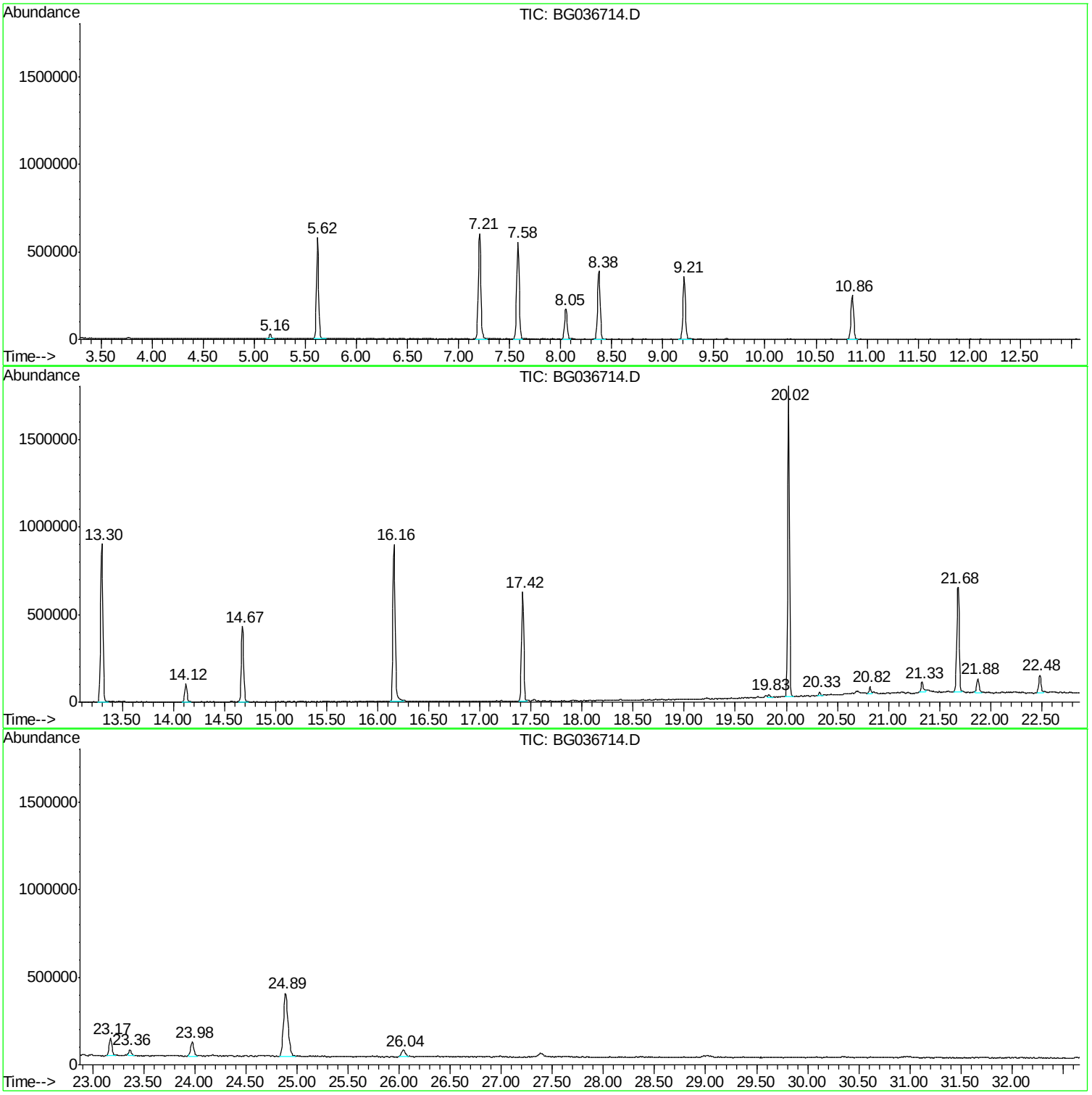
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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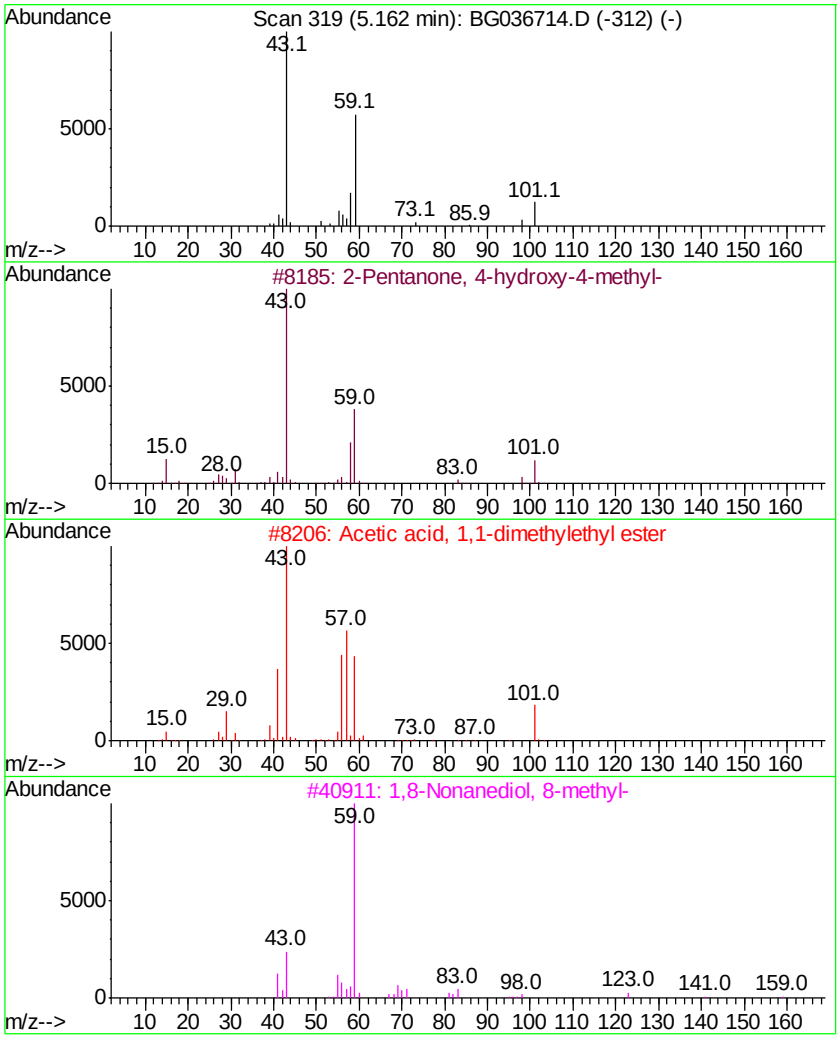
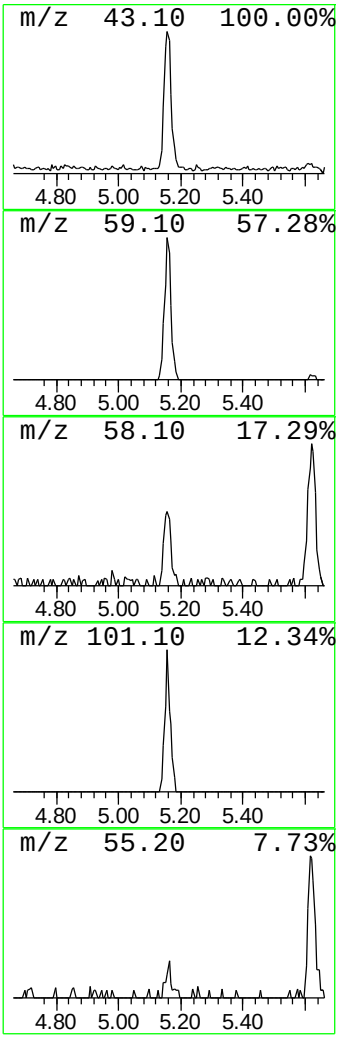
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.78 ng	41580	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	56
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	3-Hexanol	102	C6H14O	000623-37-0	23





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ClientSampleId : SP-PIT-7

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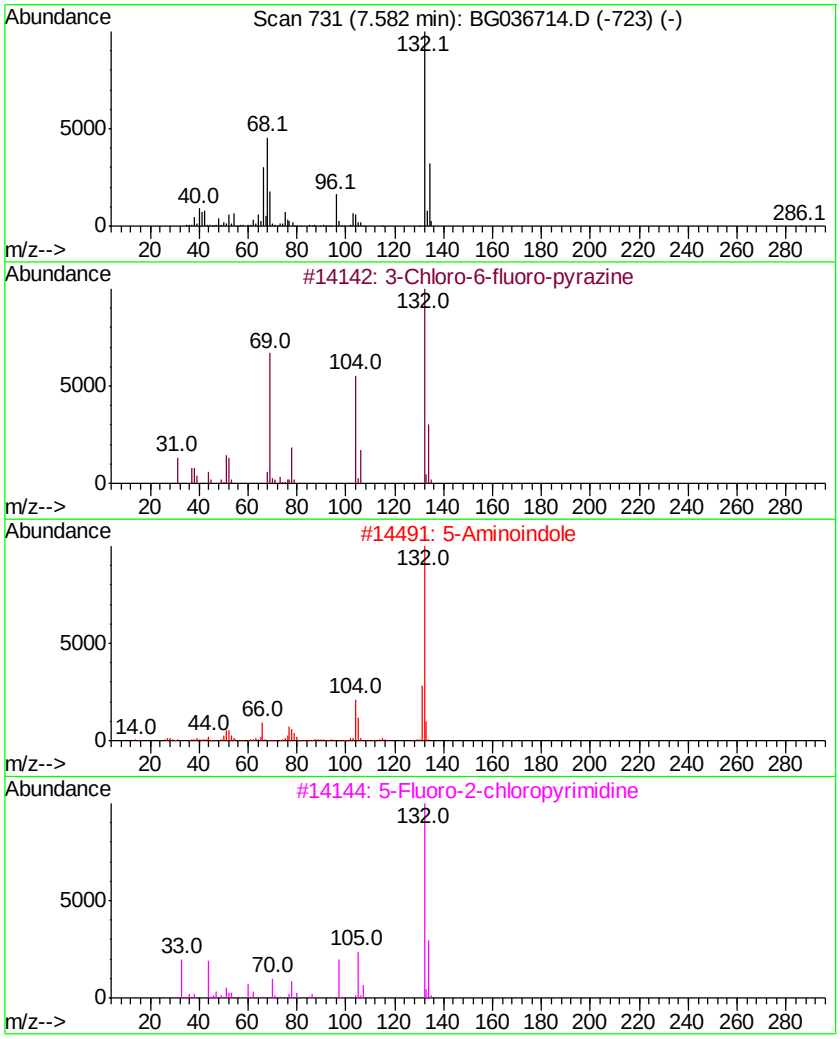
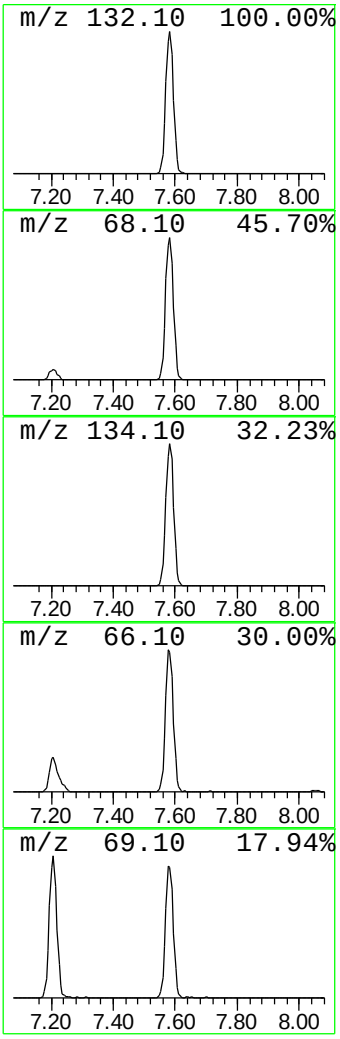
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	64.08 ng	957337	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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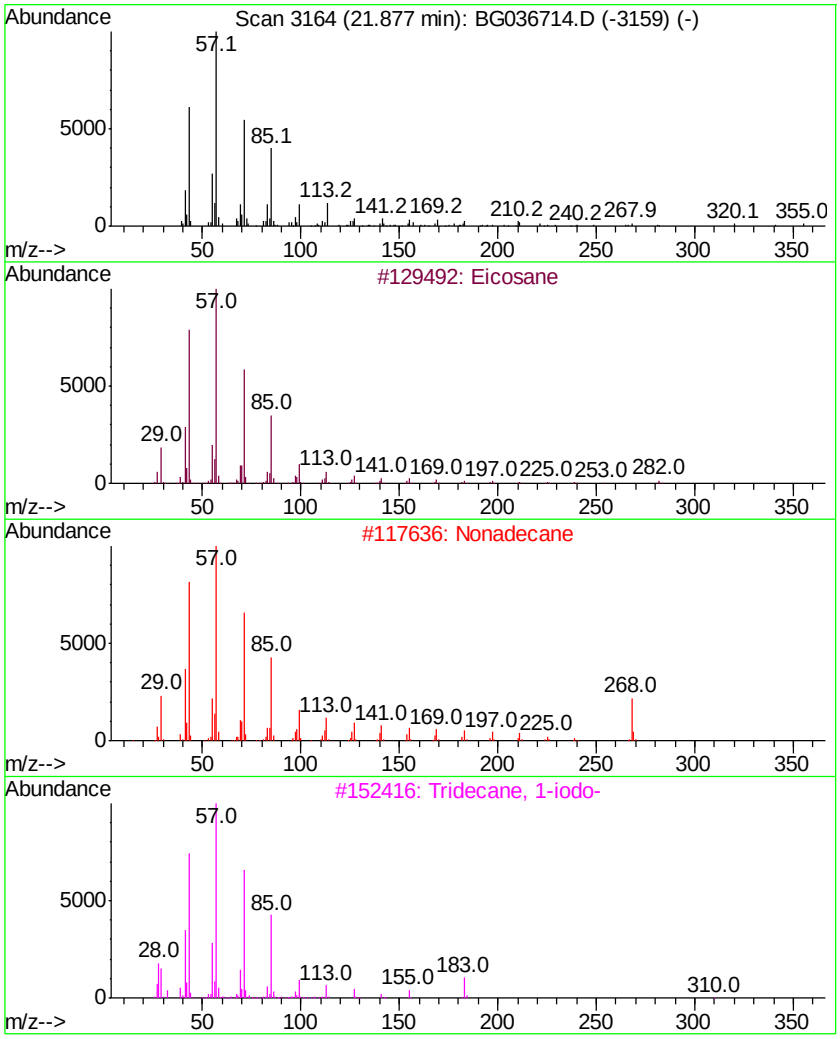
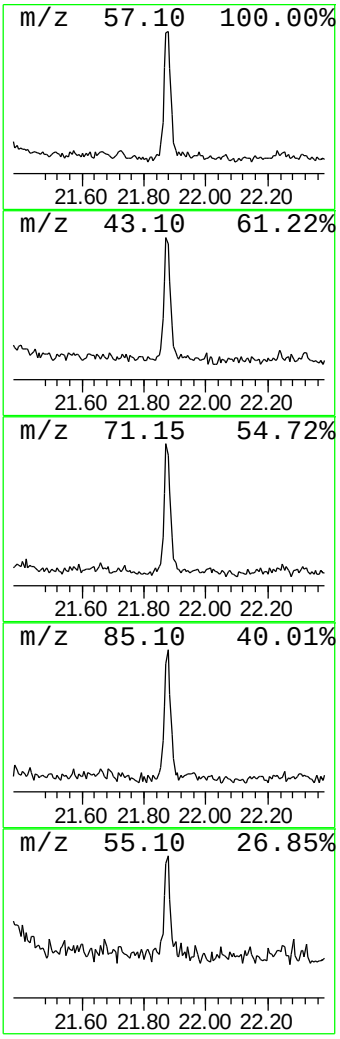
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.46 ng	123019	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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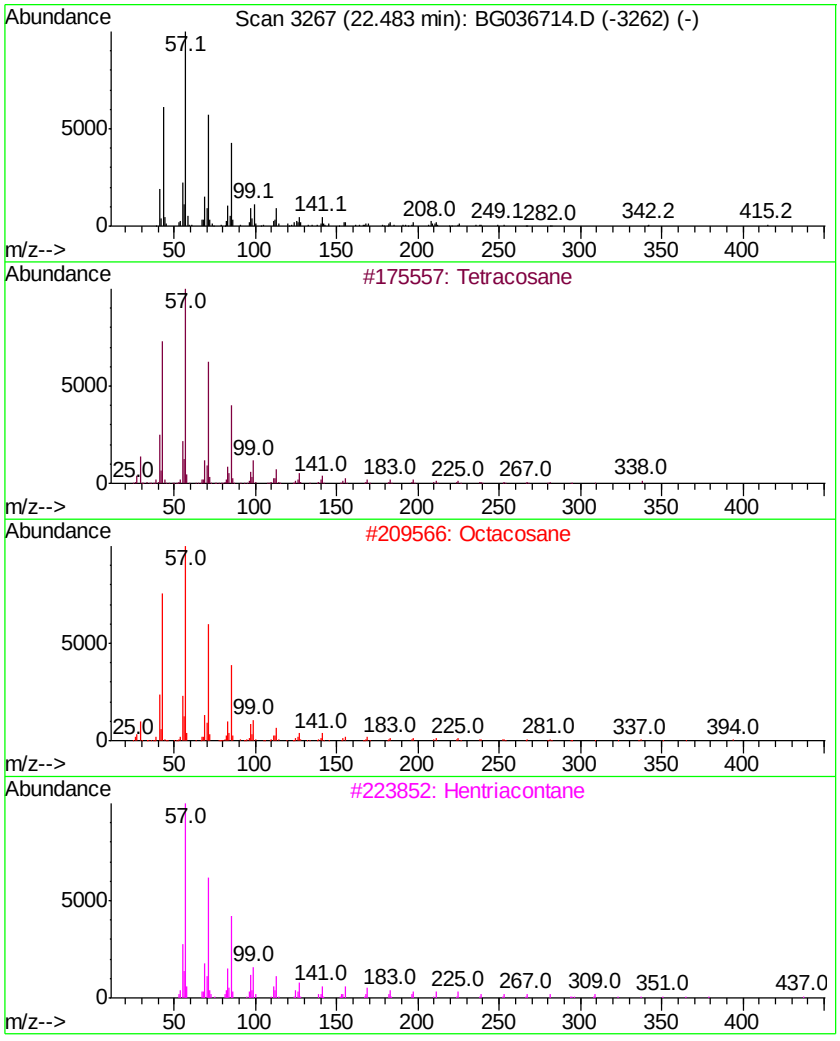
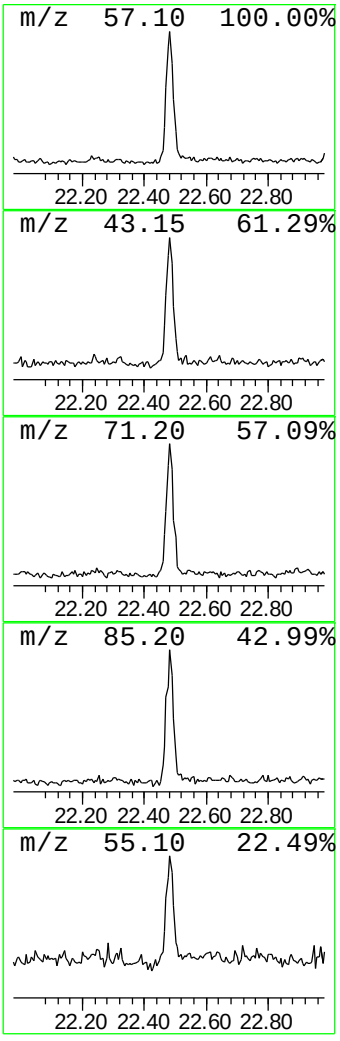
Peak Number 5 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.15 ng	157406	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Nonadecane	268	C19H40	000629-92-5	87
5	Docosane	310	C22H46	000629-97-0	87





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Instrument : BNA_G
ClientSampleId : SP-PIT-7

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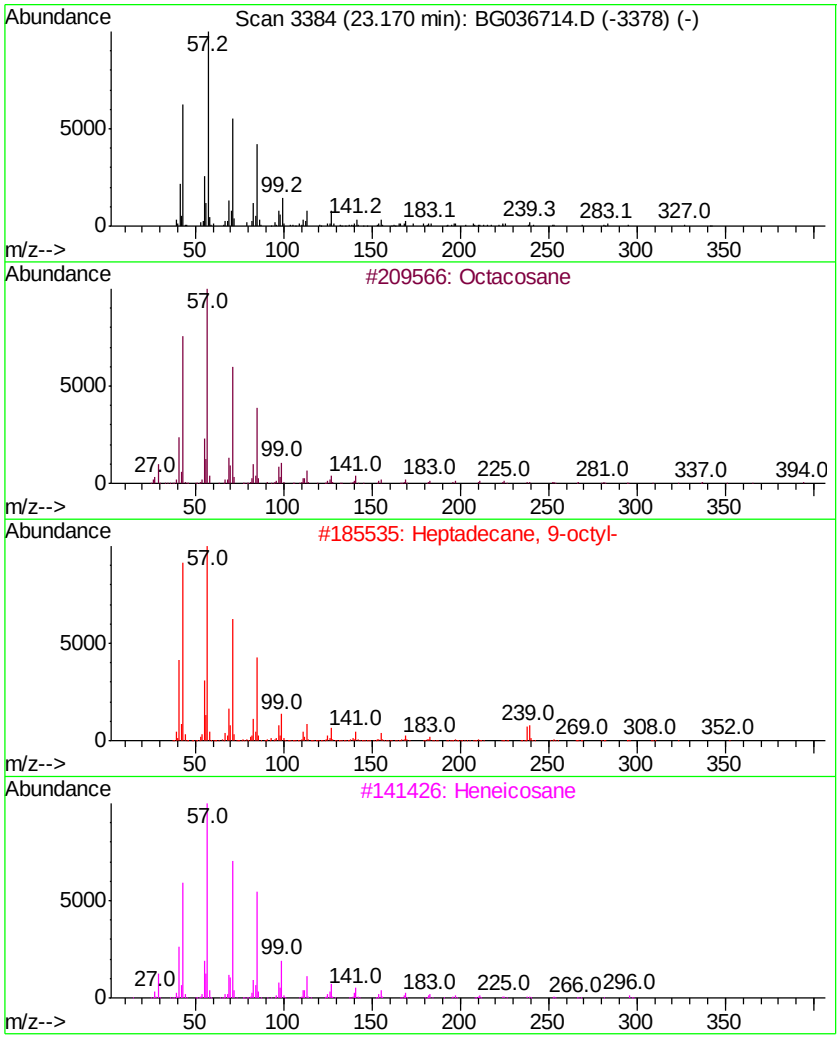
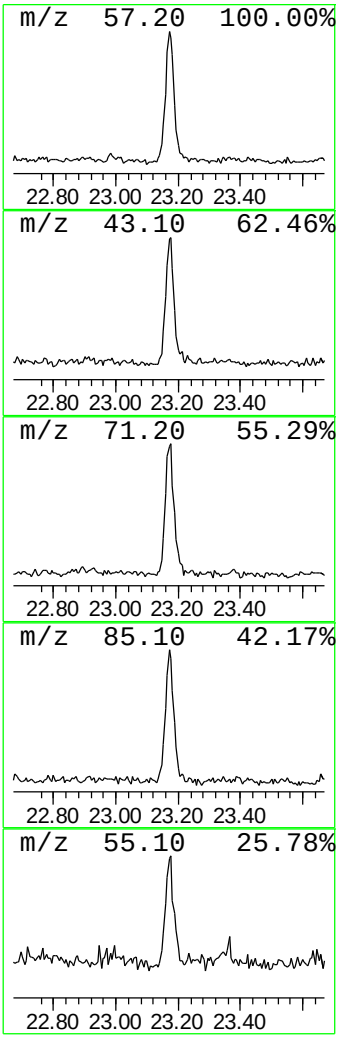
Peak Number 6 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.97 ng	198021	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Octadecane	254	C18H38	000593-45-3	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	2.8	ng	41580	1	8.05	298802	20.0
unknown7.58	7.58	64.1	ng	957337	1	8.05	298802	20.0
Eicosane	21.88	2.5	ng	123019	5	21.68	998579	20.0
Tetracosane	22.48	3.1	ng	157406	5	21.68	998579	20.0
Octacosane	23.17	4.0	ng	198021	5	21.68	998579	20.0