LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040243.D
Acq On : 30 Mar 2019 2:36
Operator : JU/SJ
Sample : K2121-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG032719.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	3.123	3	6	15	rVB	379419	611826	13.43%	2.483%
2	3.199	15	19	29	rVB	406176	578018	12.69%	2.346%
3	5.144	343	350	357	rBV	50585	79153	1.74%	0.321%
4	5.608	421	429	439	rBV	570253	910093	19.97%	3.693%
5	7.206	693	701	713	rBV	392220	680171	14.93%	2.760%
6	7.582	757	765	773	rBV	1008899	1739293	38.17%	7.059%
7	8.058	839	846	855	rVB	223226	379430	8.33%	1.540%
8	8.375	893	900	909	rBV	805809	1418658	31.14%	5.757%
9	9.233	1038	1046	1064	rBV	766663	1366927	30.00%	5.547%
10	10.867	1317	1324	1335	rBV	311689	567280	12.45%	2.302%
11	13.311	1732	1740	1750	rVB	2093709	3219907	70.67%	13.068%
12	14.686	1968	1974	1982	rVB2	539479	857391	18.82%	3.480%
13	16.178	2219	2228	2239	rBV	1738333	2687457	58.98%	10.907%
14	17.430	2434	2441	2448	rBV2	747215	1112060	24.41%	4.513%
15	18.293	2582	2588	2604	rBV	156670	360054	7.90%	1.461%
16	19.562	2799	2804	2812	rBV2	188498	334638	7.34%	1.358%
17	20.032	2878	2884	2894	rVB	3208167	4556291	100.00%	18.491%
18	21.713	3163	3170	3177	rVB	733296	1198684	26.31%	4.865%
19	21.854	3189	3194	3200	rVB	43575	65807	1.44%	0.267%
20	22.465	3292	3298	3305	rVB	77576	131037	2.88%	0.532%
21	23.164	3411	3417	3426	rBV	100340	190306	4.18%	0.772%
22	23.981	3550	3556	3562	rBV	78310	164545	3.61%	0.668%
23	25.003	3712	3730	3745	rVB2	359174	1333440	29.27%	5.412%
24	26.096	3907	3916	3927	rVB5	31446	98088	2.15%	0.398%

Sum of corrected areas: 24640554

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ClientSampleId :
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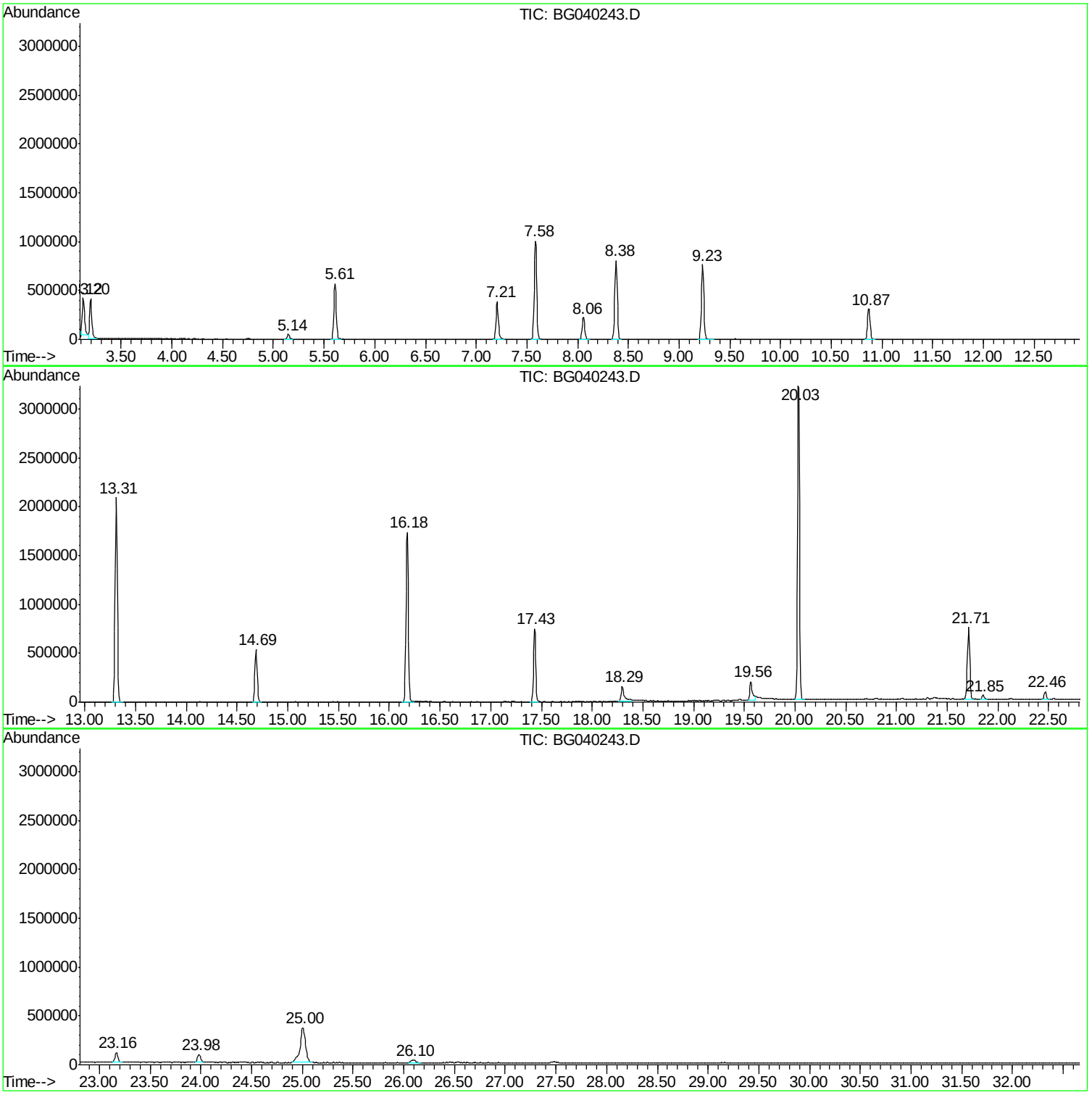
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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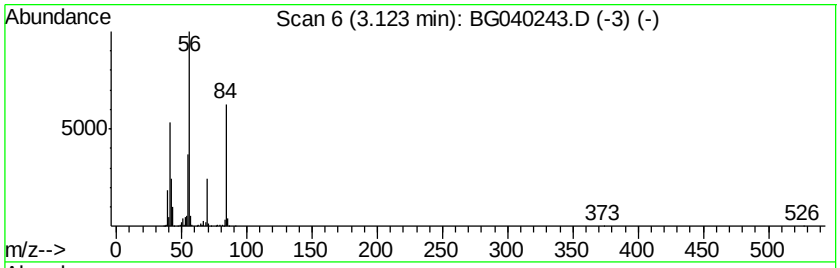
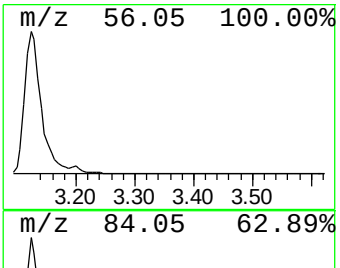
****

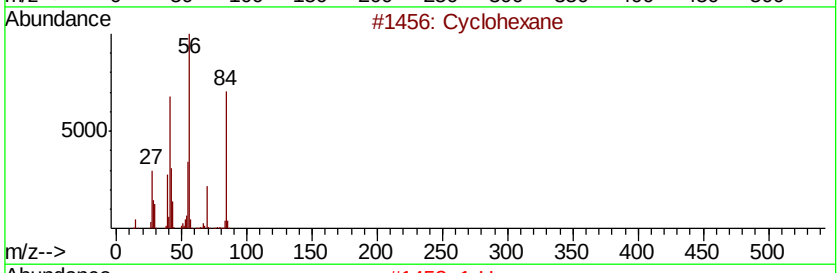
Peak Number 1 1-Hexene Concentration Rank 3

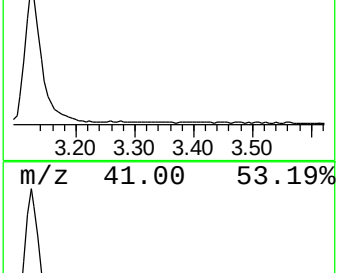
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	32.25 ng	611826	1,4-Dichlorobenzene-d4	8.06

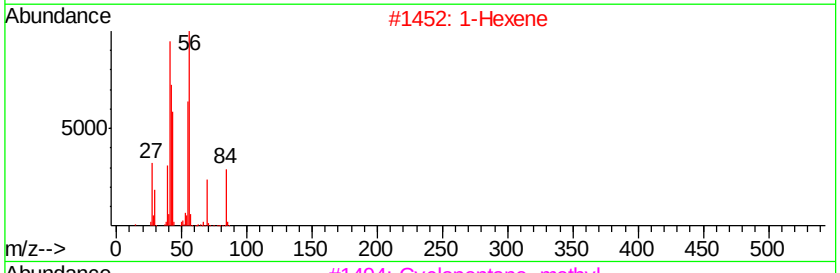
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Hexene	84	C6H12	000592-41-6	59
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56

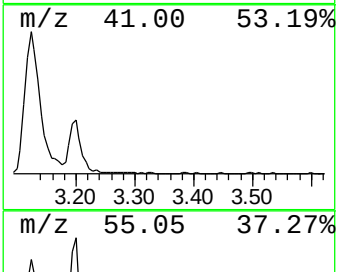


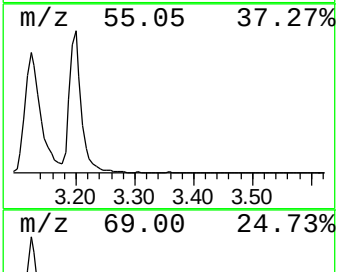


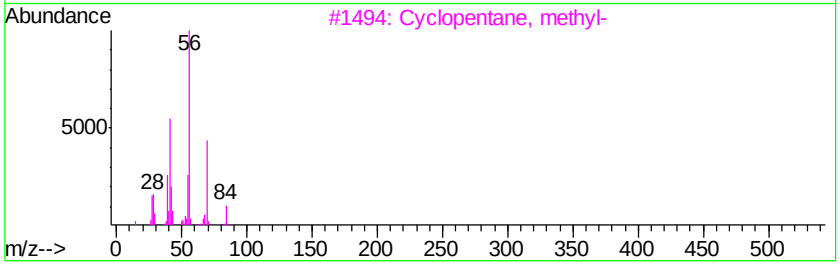


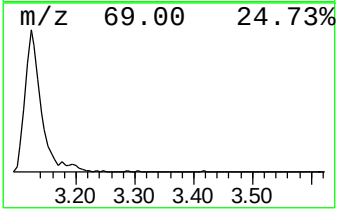












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

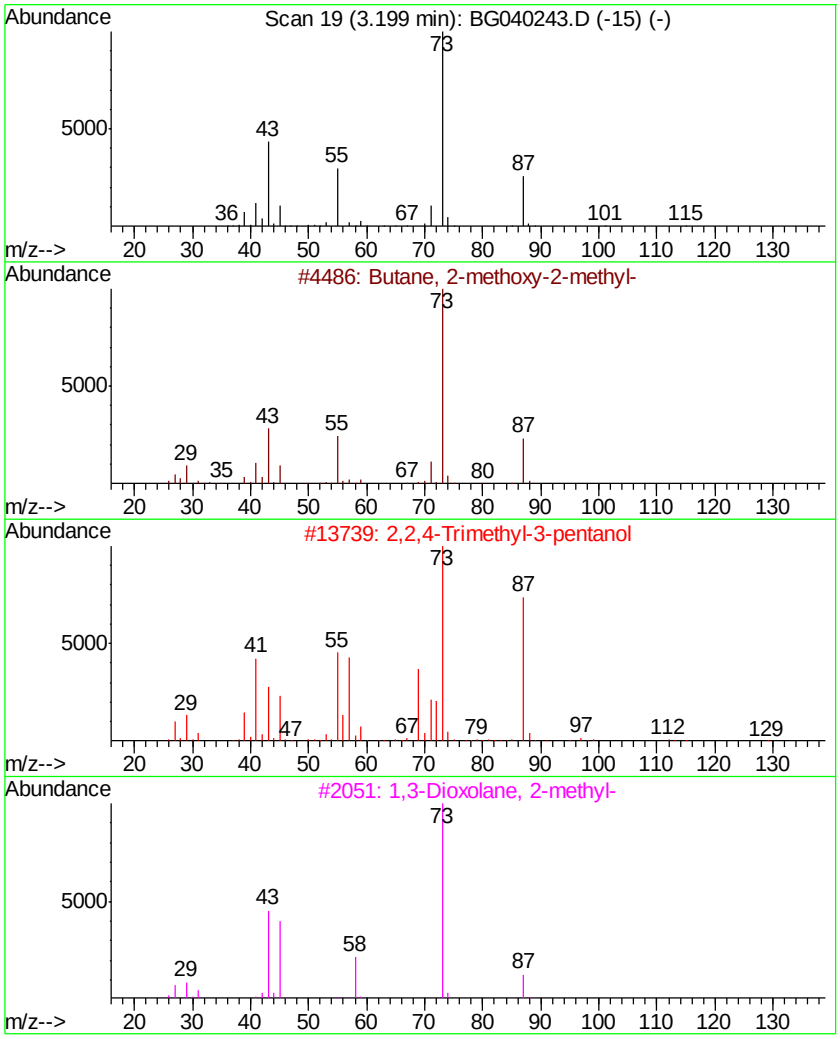
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

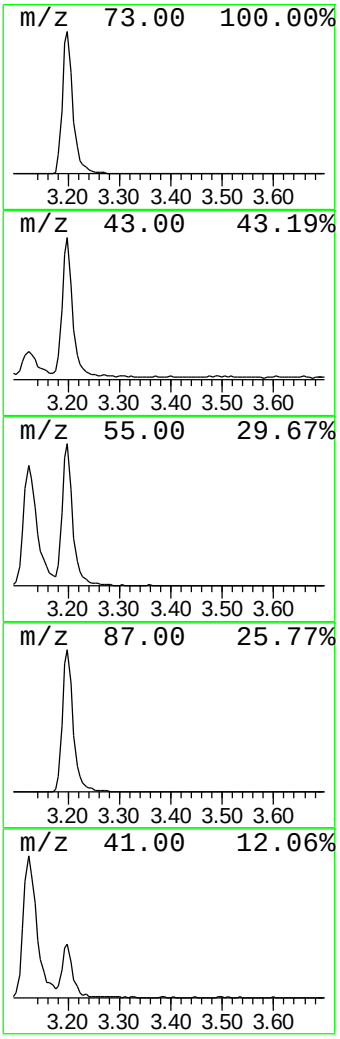
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	30.47 ng	578018	1,4-Dichlorobenzene-d4	8.06

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	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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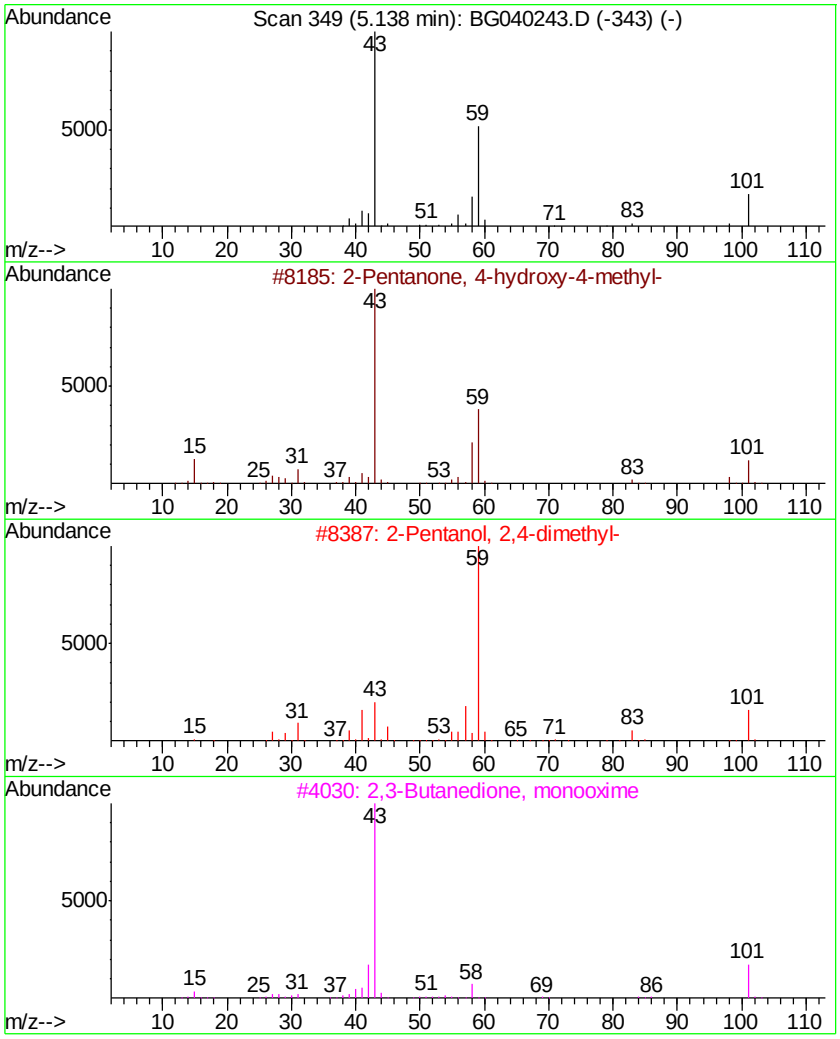
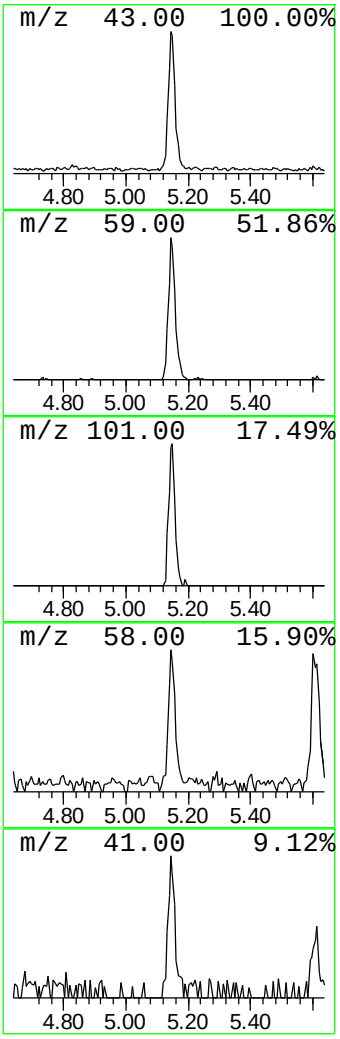
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	4.17 ng	79153	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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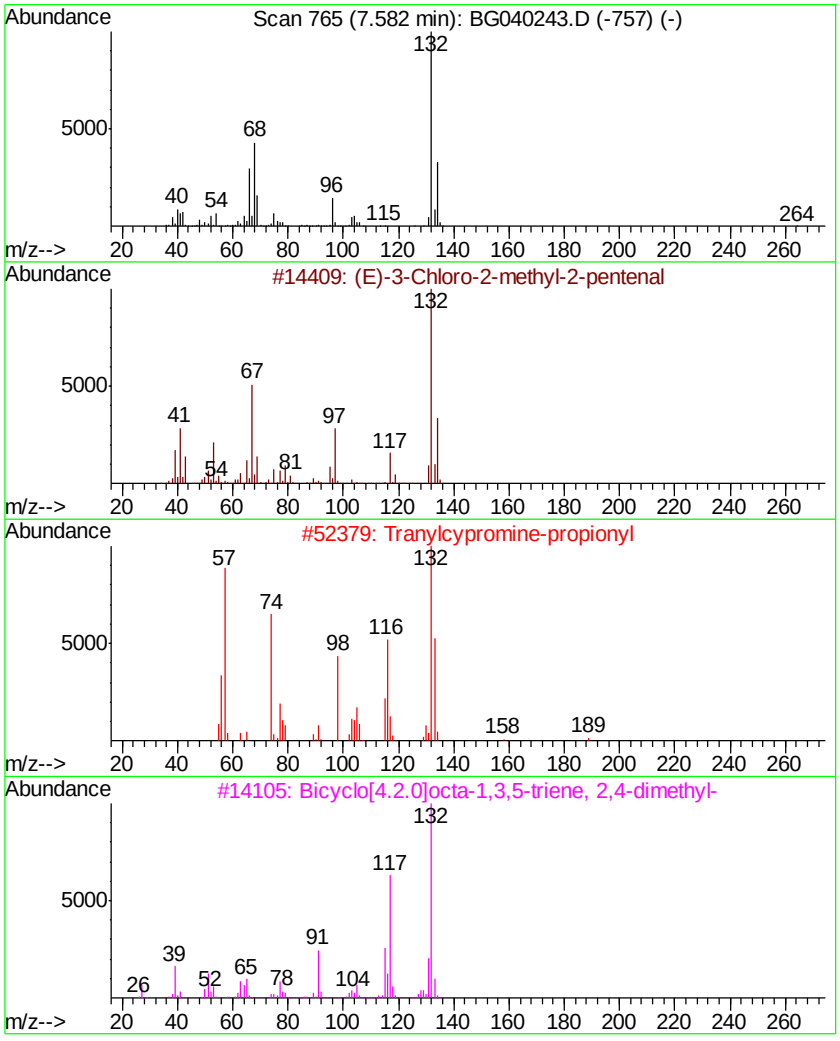
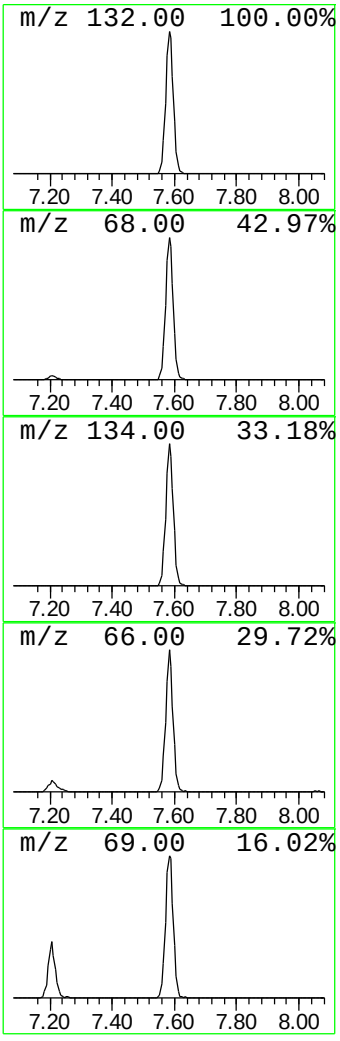
****

Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	91.68 ng	1739290	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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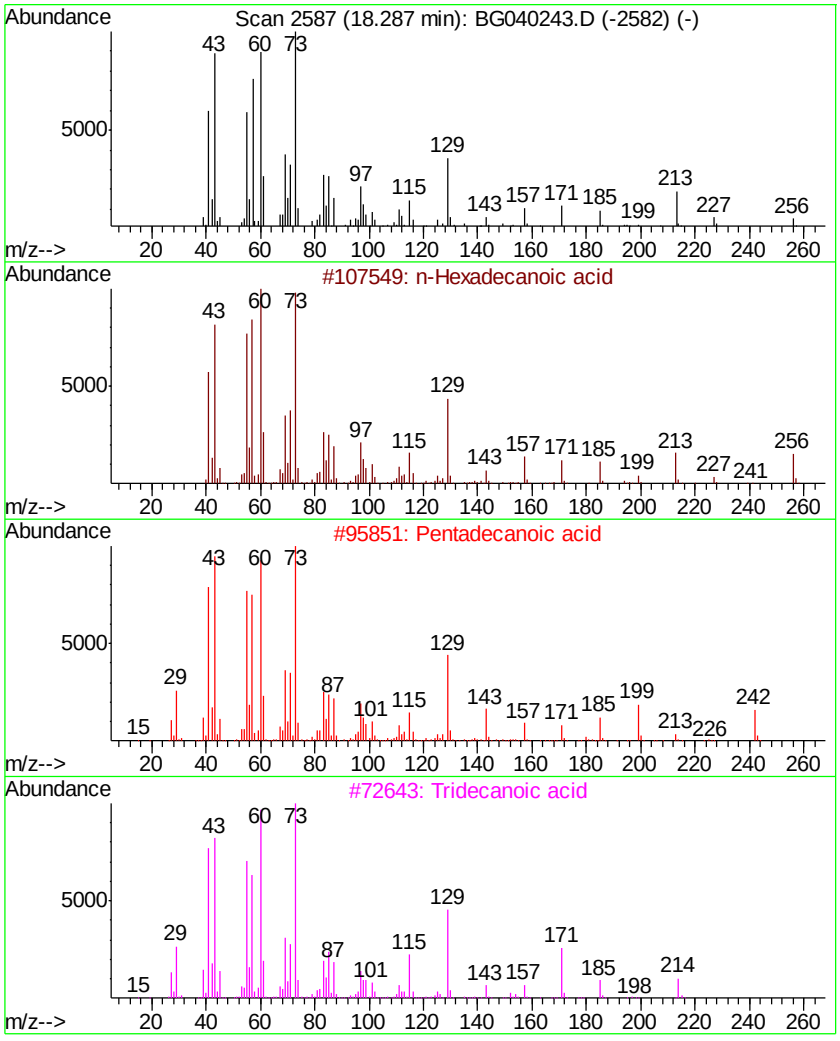
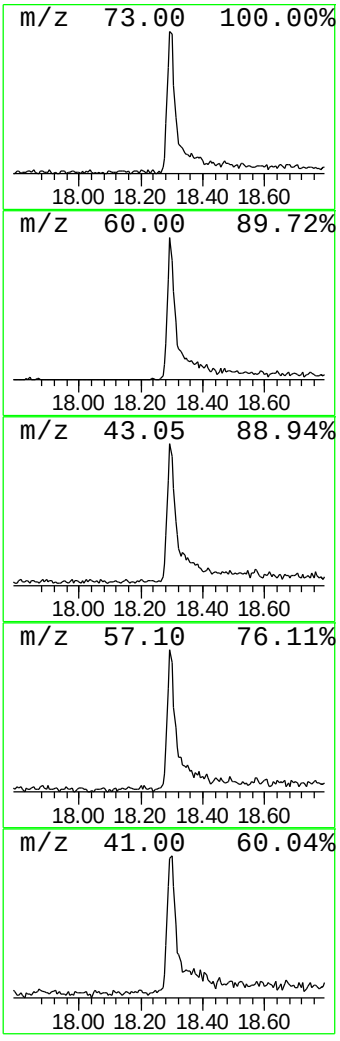
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.48 ng	360054	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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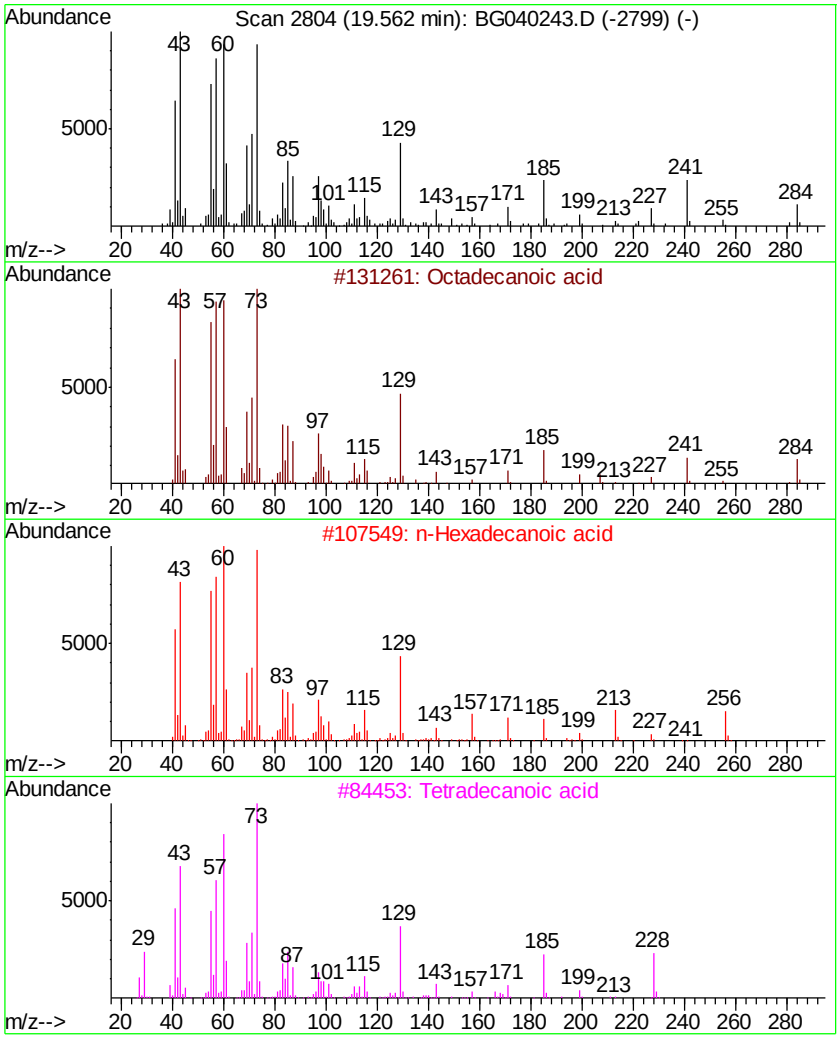
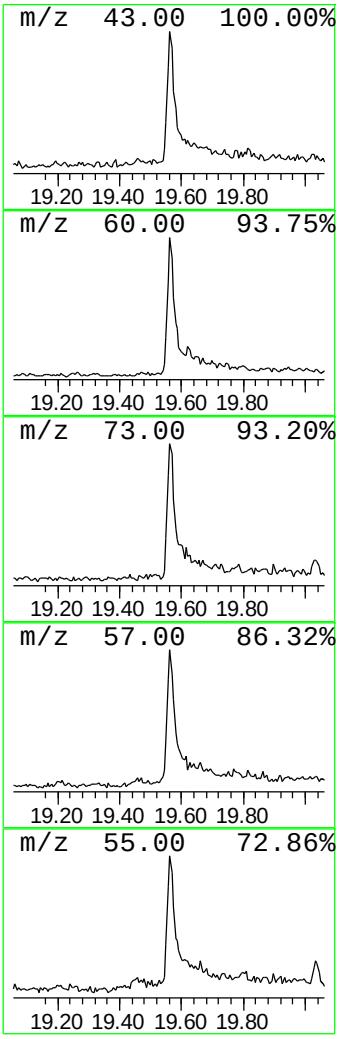
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	6.02 ng	334638	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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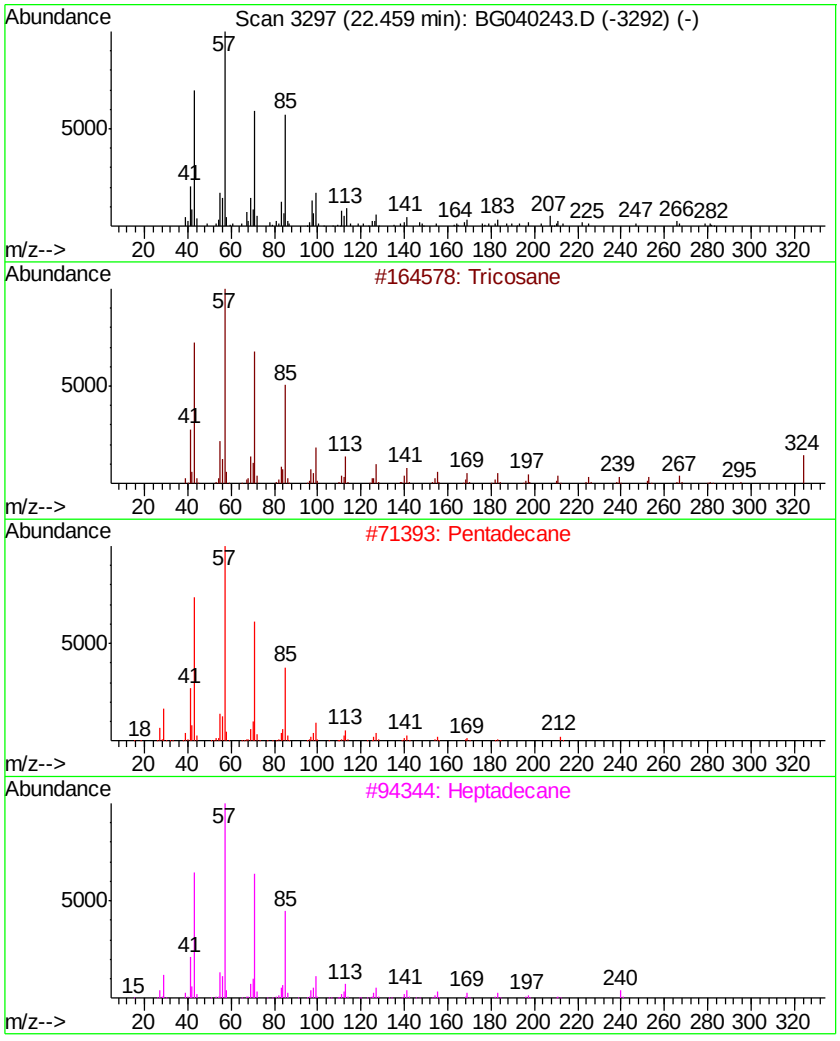
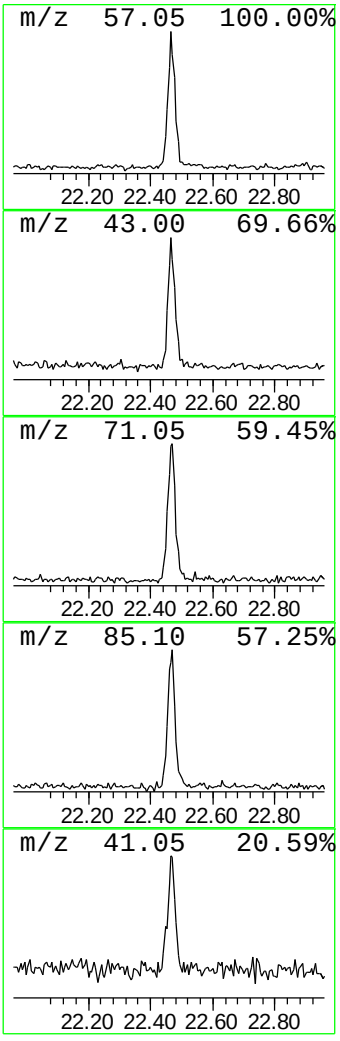
Peak Number 8 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.19 ng	131037	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane	254	C18H38	000593-45-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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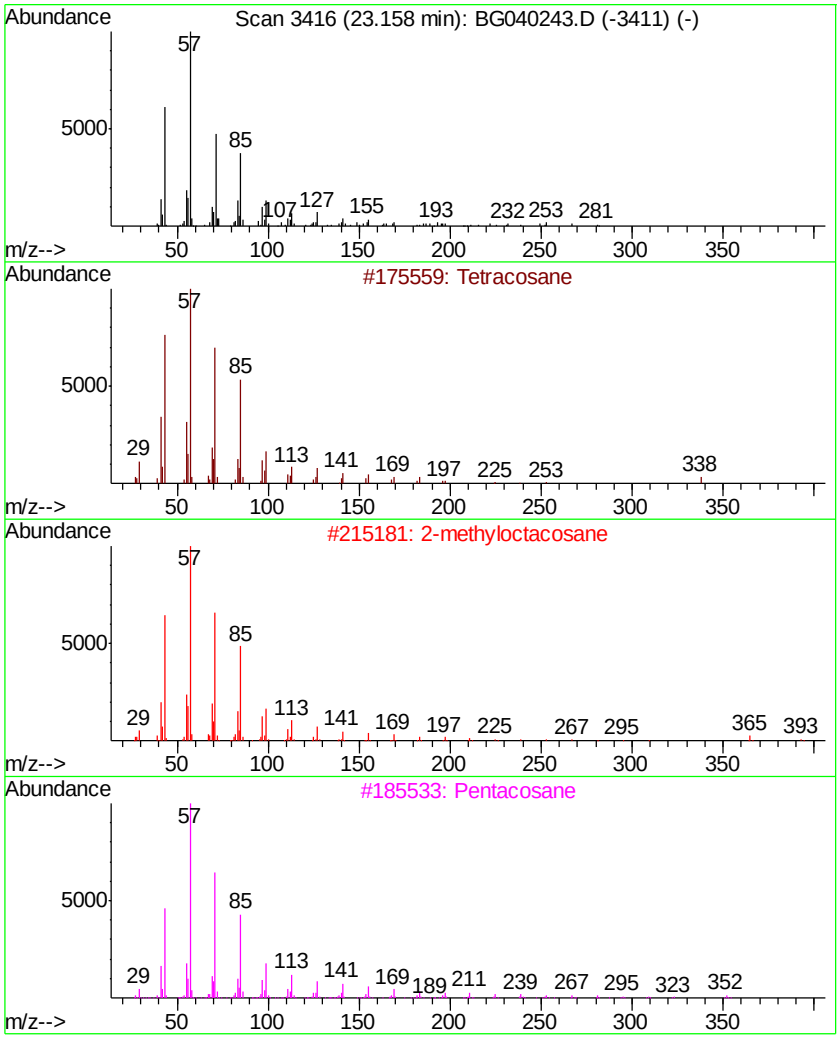
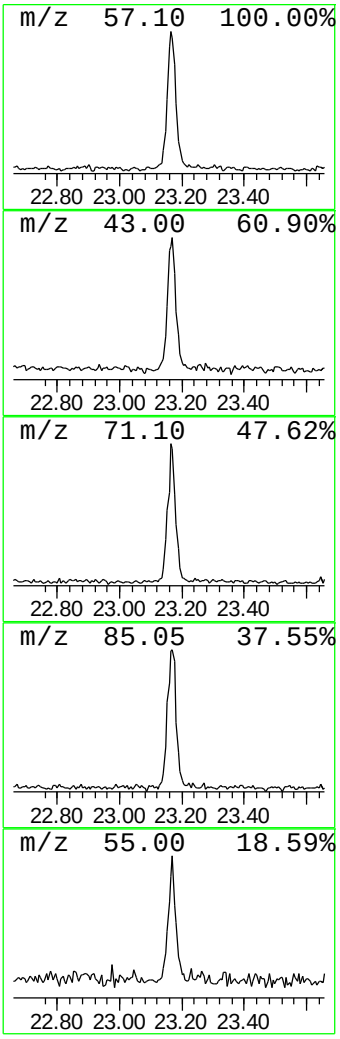
Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.18 ng	190306	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





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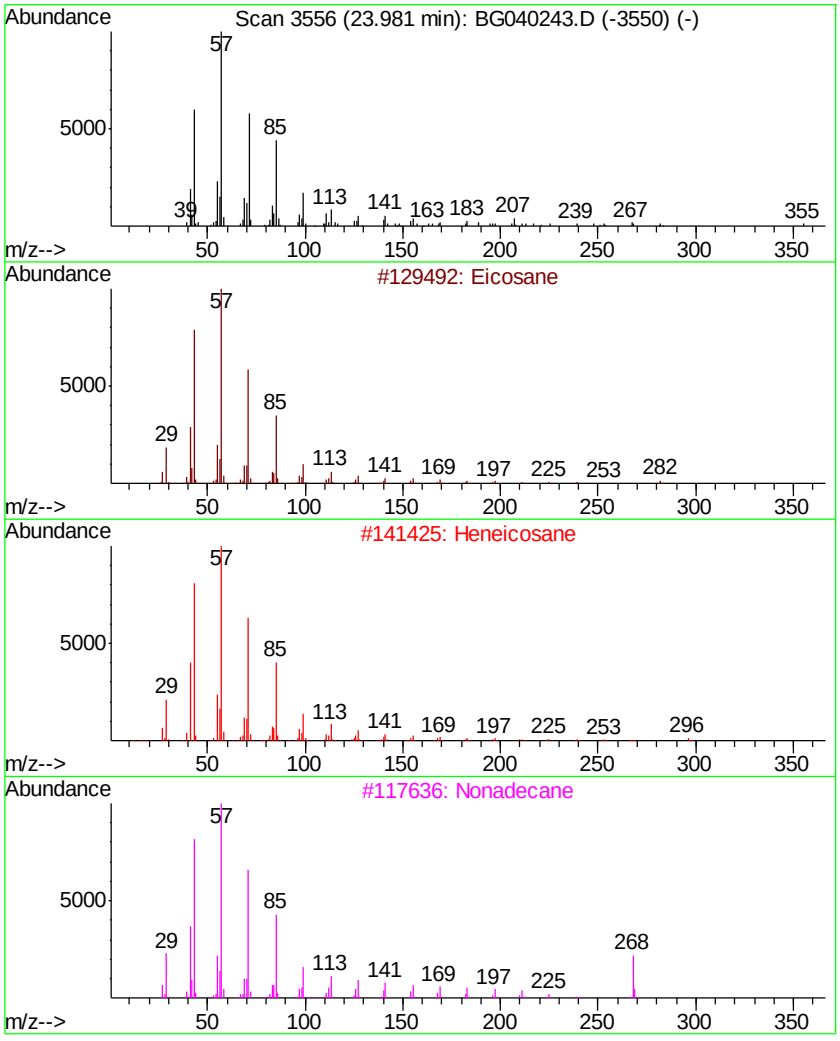
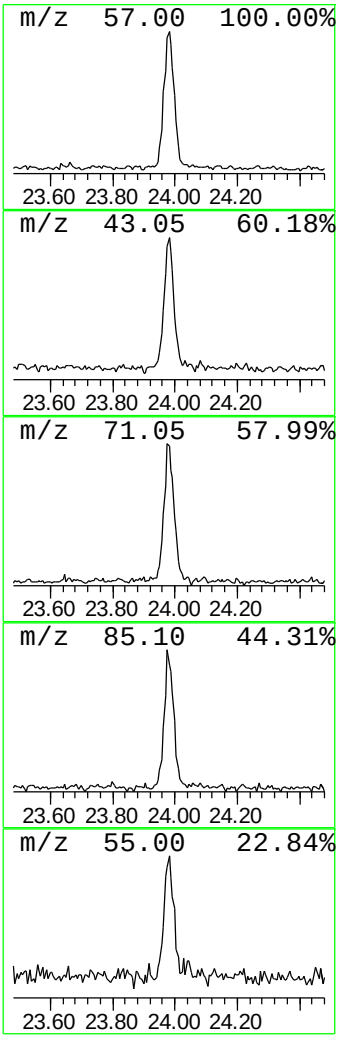
****

Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.47 ng	164545	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octacosane	394	C28H58	000630-02-4	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040243.D
Acq On : 30 Mar 2019 2:36
Operator : JU/SJ
Sample : K2121-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
1-Hexene	3.12	32.3	ng	611826	1	8.06	379430	20.0
Butane, 2-methoxy...	3.20	30.5	ng	578018	1	8.06	379430	20.0
2-Pentanone, 4-hy...	5.14	4.2	ng	79153	1	8.06	379430	20.0
unknown7.58	7.58	91.7	ng	1739290	1	8.06	379430	20.0
n-Hexadecanoic acid	18.29	6.5	ng	360054	4	17.43	1112060	20.0
Octadecanoic acid	19.56	6.0	ng	334638	4	17.43	1112060	20.0
Tricosane	22.46	2.2	ng	131037	5	21.71	1198680	20.0
Tetracosane	23.16	3.2	ng	190306	5	21.71	1198680	20.0
Eicosane	23.98	2.5	ng	164545	6	25.00	1333440	20.0