LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042862.D
Acq On : 16 Sep 2019 23:40
Operator : HP/JU
Sample : K4884-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6INCH-PIT

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-BG091219.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	3.214	15	21	30	rBV	229194	473150	9.14%	1.301%
2	3.290	30	34	46	rVB	607798	961026	18.56%	2.642%
3	5.688	432	442	453	rBV	1676397	2750256	53.11%	7.562%
4	7.268	702	711	722	rBV	1781390	3331257	64.33%	9.159%
5	7.650	768	776	785	rBV	1710305	2938020	56.73%	8.078%
6	8.120	849	856	863	rBV	388155	665531	12.85%	1.830%
7	8.443	903	911	922	rVB	1226061	2142897	41.38%	5.892%
8	9.272	1043	1052	1063	rBV	1031709	1931123	37.29%	5.310%
9	10.923	1325	1333	1342	rBV	505895	948700	18.32%	2.608%
10	13.361	1741	1748	1757	rBV	2555489	3972196	76.71%	10.922%
11	14.178	1882	1887	1900	rBV	146840	232582	4.49%	0.639%
12	14.736	1974	1982	1991	rVB2	804027	1321540	25.52%	3.634%
13	16.216	2227	2234	2247	rBV	2218058	3406460	65.78%	9.366%
14	17.474	2439	2448	2455	rBV2	1006367	1598789	30.87%	4.396%
15	17.597	2459	2469	2473	rVV8	39572	70033	1.35%	0.193%
16	18.361	2595	2599	2603	rBV6	55358	73300	1.42%	0.202%
17	20.082	2886	2892	2899	rVB	3887039	5178525	100.00%	14.238%
18	21.399	3112	3116	3128	rVB	237826	388371	7.50%	1.068%
19	21.757	3170	3177	3186	rVB	975074	1692725	32.69%	4.654%
20	21.974	3210	3214	3219	rVB	64598	96899	1.87%	0.266%
21	22.597	3317	3320	3331	rVB4	100622	213847	4.13%	0.588%
22	23.314	3437	3442	3449	rVB2	77358	144800	2.80%	0.398%
23	24.142	3578	3583	3591	rVB2	81131	182153	3.52%	0.501%
24	25.024	3724	3733	3744	rVV2	531870	1544073	29.82%	4.245%
25	25.118	3746	3749	3756	rVB4	57904	111638	2.16%	0.307%

Sum of corrected areas: 36369891

LSC Report - Integrated Chromatogram

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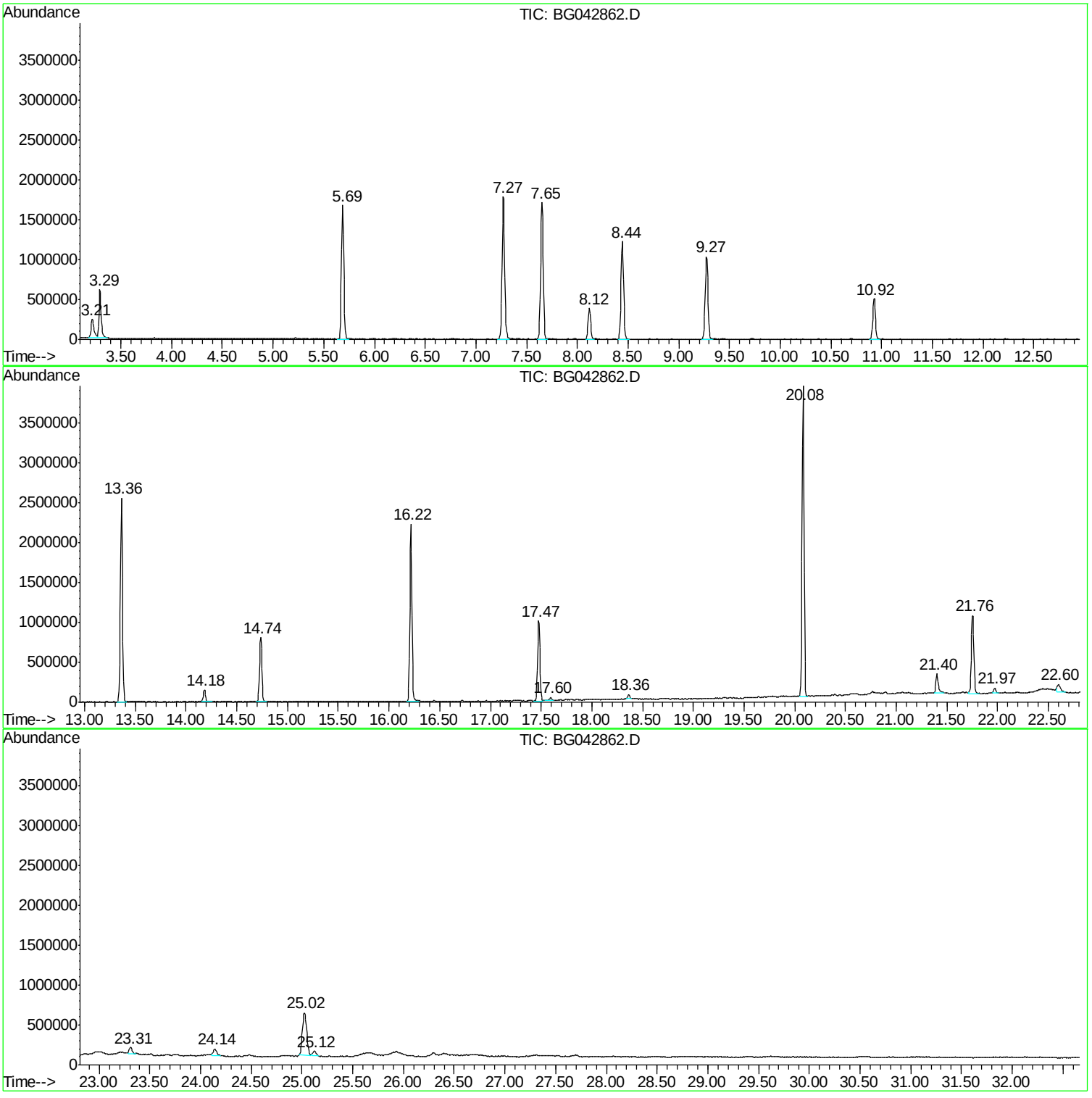
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042862.D
Acq On : 16 Sep 2019 23:40
Operator : HP/JU
Sample : K4884-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

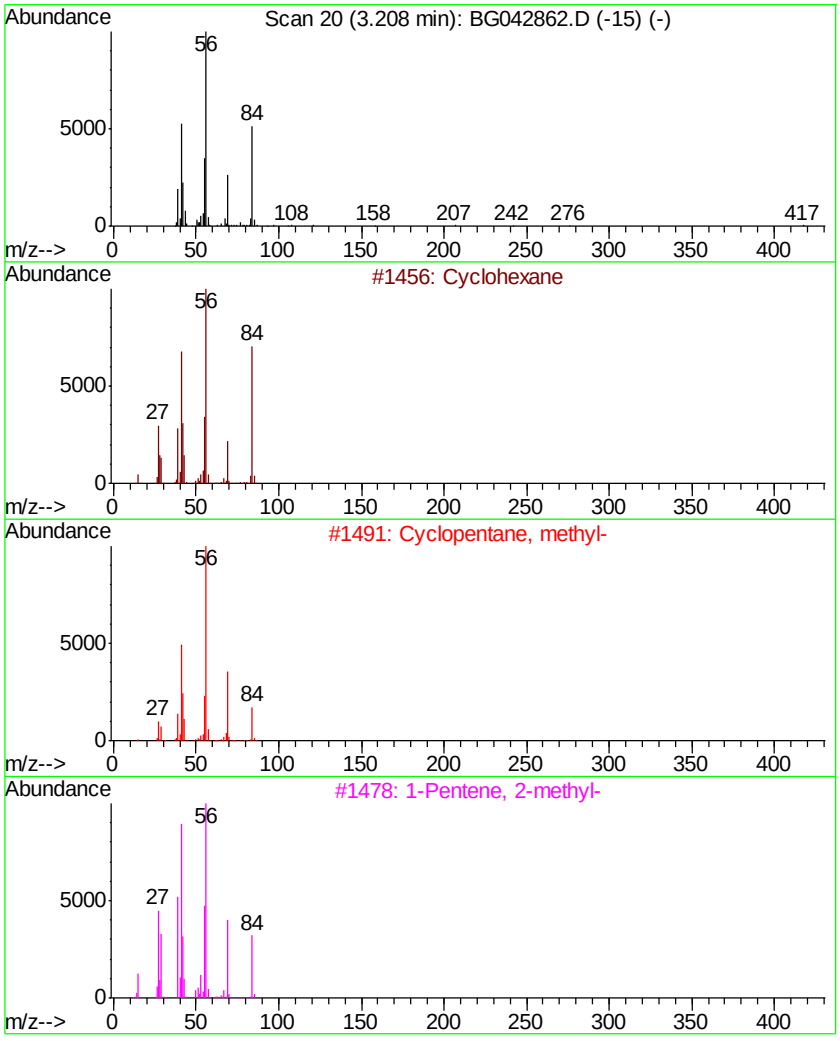
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

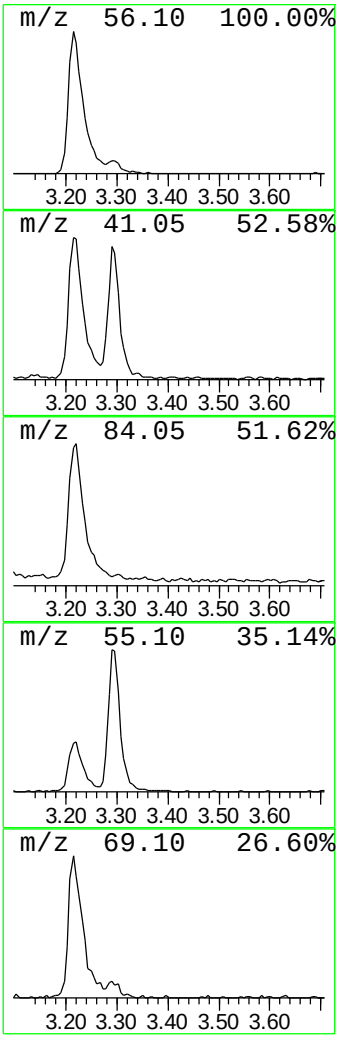
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	14.22 ng	473150	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	59
5	1-Hexene	84	C6H12	000592-41-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
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Misc :
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Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.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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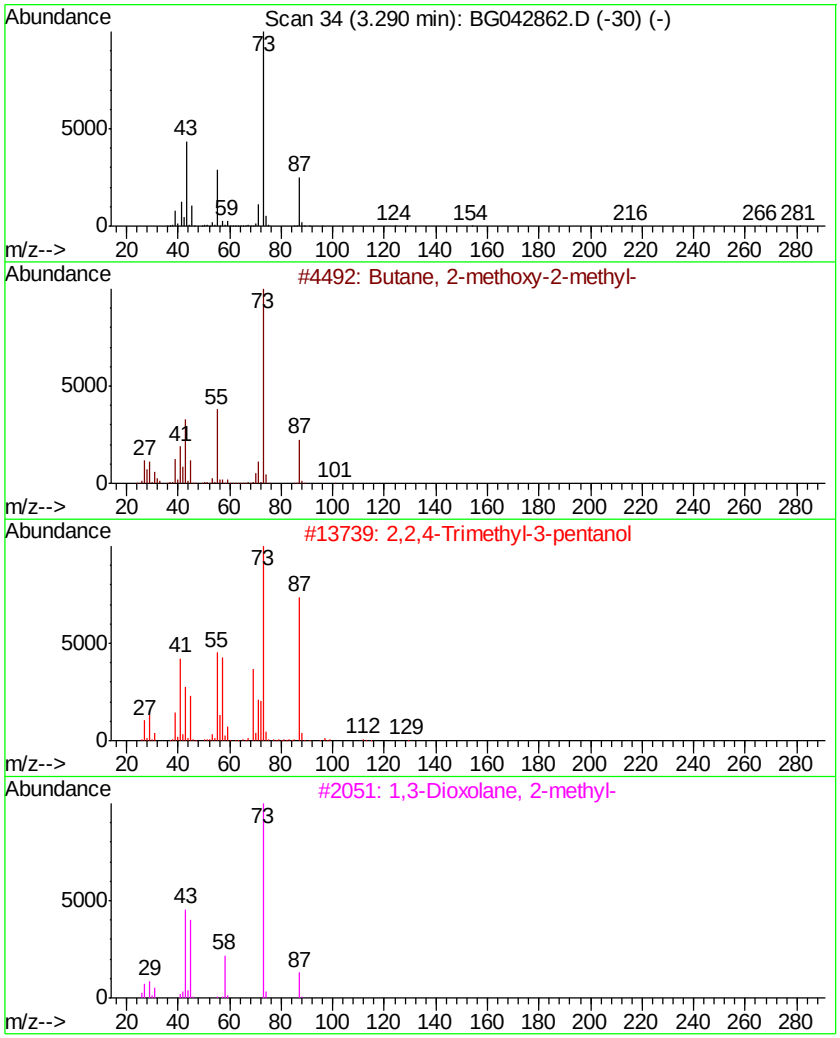
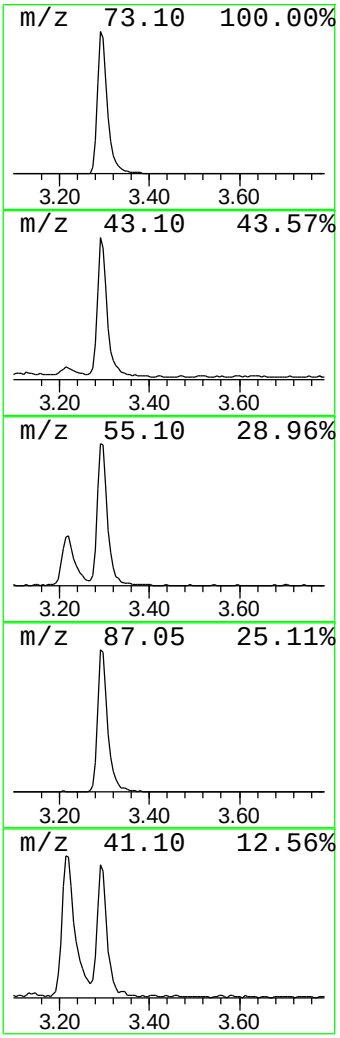
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	28.88 ng	961026	1,4-Dichlorobenzene-d4	8.12

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042862.D
Acq On : 16 Sep 2019 23:40
Operator : HP/JU
Sample : K4884-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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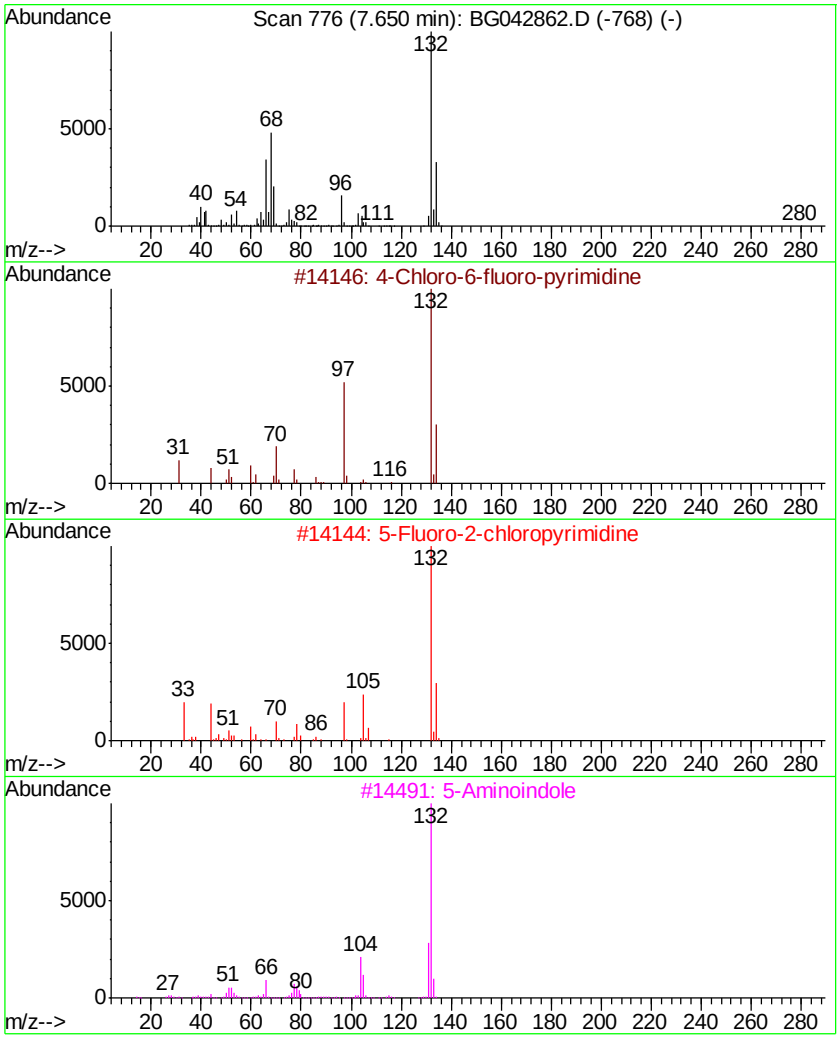
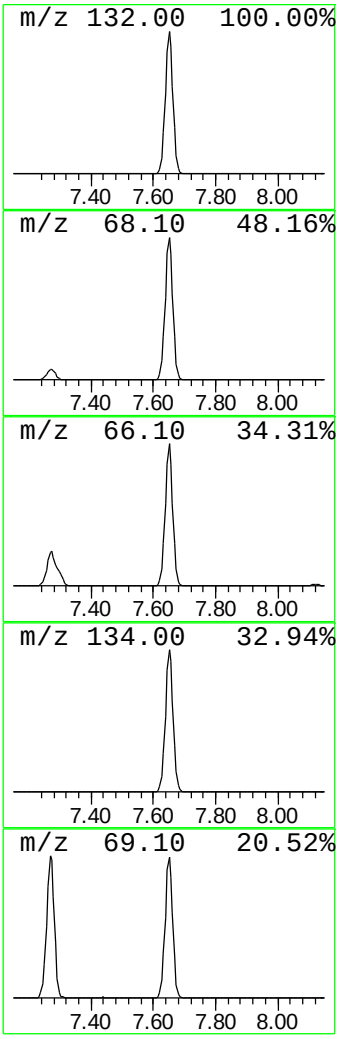
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	88.29 ng	2938020	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Misc :
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Instrument : BNA_G
ClientSampleId : 6INCH-PIT

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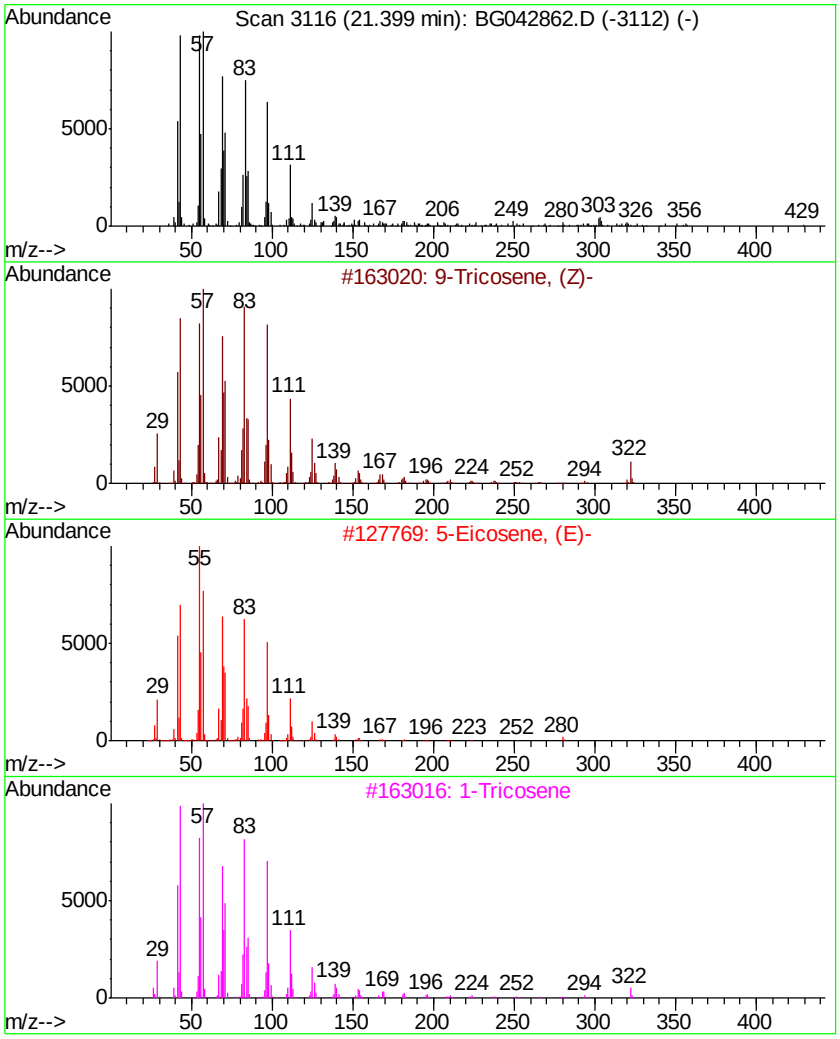
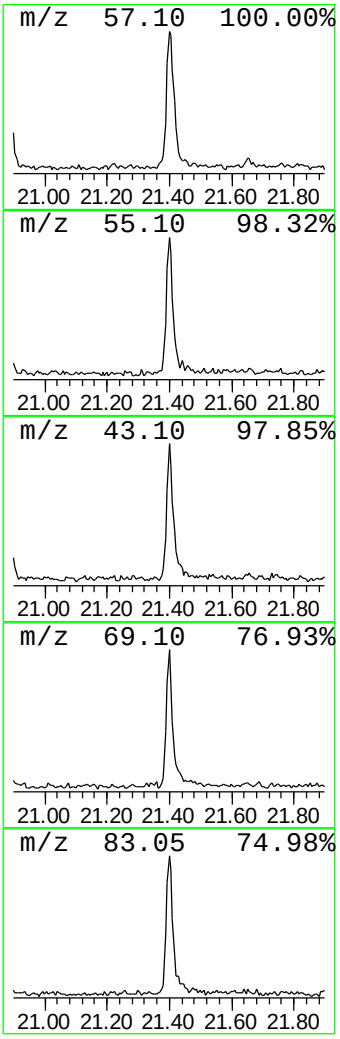
Peak Number 5 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.59 ng	388371	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	1-Tricosene	322	C23H46	018835-32-0	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

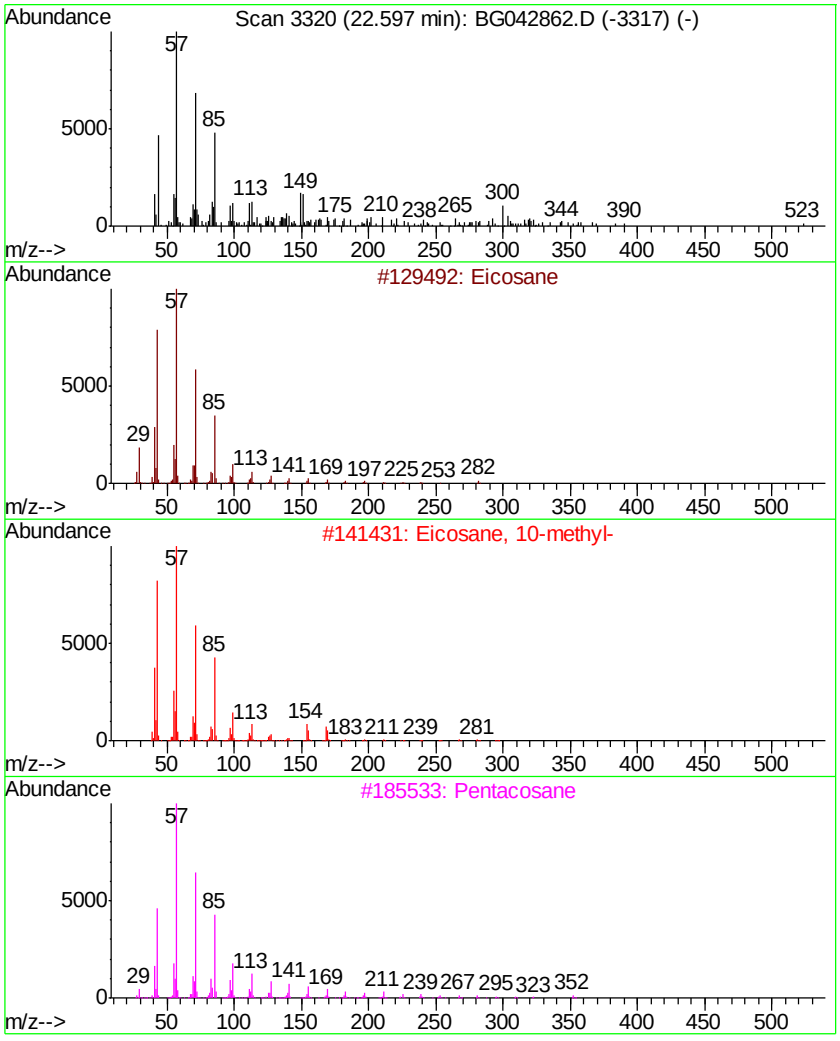
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

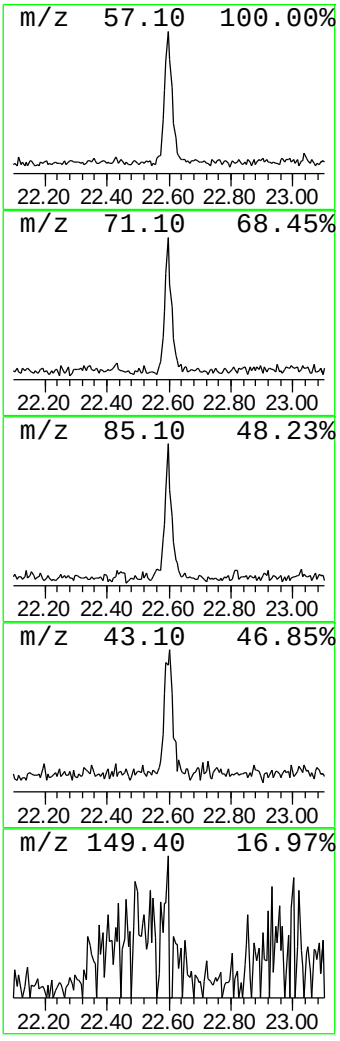
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.53 ng	213847	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	60
3	Pentacosane	352	C25H52	000629-99-2	60
4	Hexadecane	226	C16H34	000544-76-3	60
5	Nonadecane	268	C19H40	000629-92-5	53





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Misc :
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Instrument : BNA_G
ClientSampleId : 6INCH-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

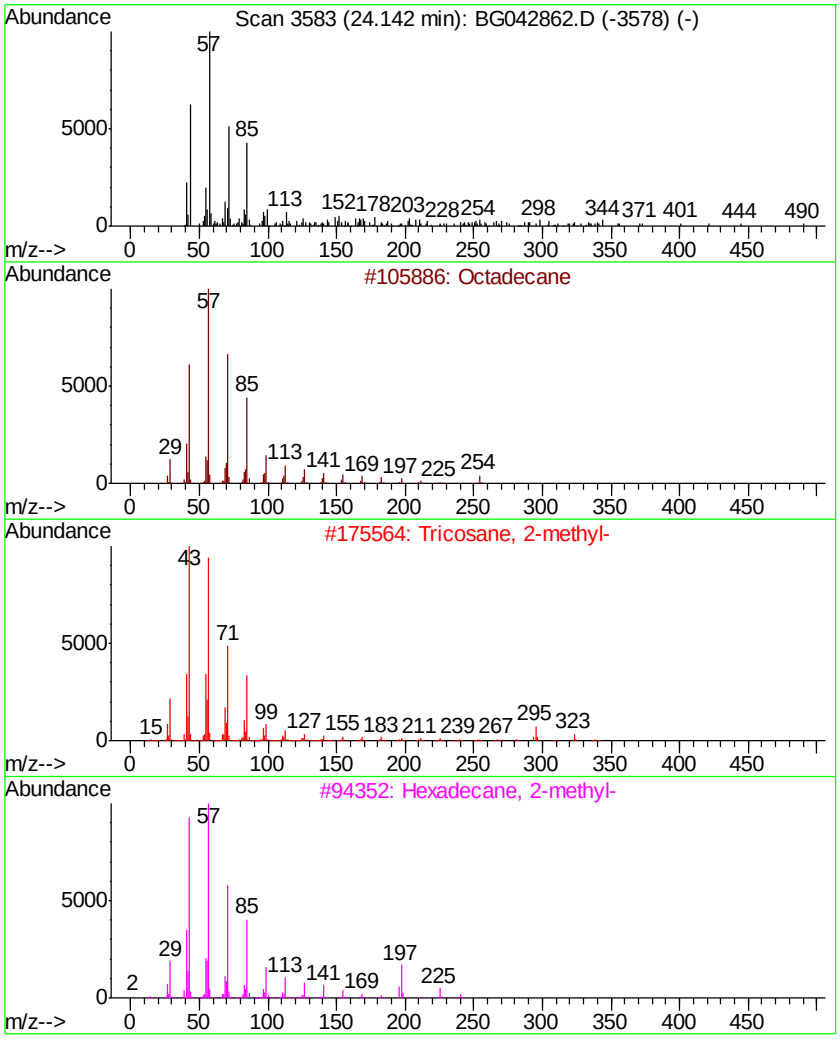
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

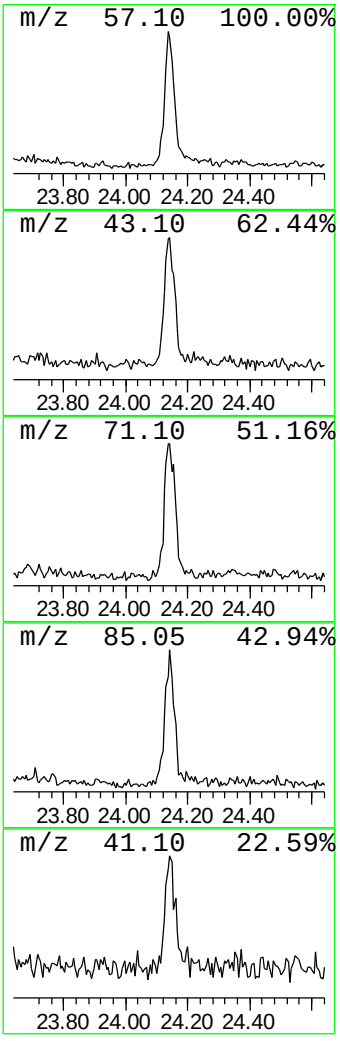
****

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.36 ng	182153	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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
Cyclopentane, met...	3.21	14.2	ng	473150	1	8.12	665531	20.0
Butane, 2-methoxy...	3.29	28.9	ng	961026	1	8.12	665531	20.0
unknown7.65	7.65	88.3	ng	2938020	1	8.12	665531	20.0
9-Tricosene, (Z)-	21.40	4.6	ng	388371	5	21.75	1692730	20.0
Eicosane	22.60	2.5	ng	213847	5	21.75	1692730	20.0
Octadecane	24.14	2.4	ng	182153	6	25.02	1544070	20.0