LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025491.D
Acq On : 12 Jan 2017 20:54
Operator : UM/SJ
Sample : I1031-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-0030

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:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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	2.888	4	8	17	rVB4	53959	121057	2.45%	0.414%
2	5.262	405	412	420	rBV	508825	834653	16.90%	2.855%
3	5.738	487	493	506	rBV	1077223	1891651	38.31%	6.470%
4	7.359	762	769	783	rBV	1152286	2187326	44.30%	7.482%
5	7.729	824	832	844	rBV	1113190	2015297	40.82%	6.893%
6	8.199	904	912	921	rBV2	231642	423006	8.57%	1.447%
7	8.523	959	967	979	rBV	804755	1483519	30.05%	5.074%
8	9.386	1107	1114	1127	rBV2	681763	1342076	27.18%	4.591%
9	11.031	1385	1394	1404	rBV	282388	571740	11.58%	1.956%
10	13.446	1794	1805	1816	rBV	1783292	2836961	57.46%	9.704%
11	14.269	1939	1945	1954	rBV	454815	718328	14.55%	2.457%
12	14.827	2034	2040	2047	rVB	558894	870812	17.64%	2.979%
13	16.319	2286	2294	2303	rBV	1822231	3068979	62.16%	10.497%
14	16.472	2316	2320	2329	rBV2	51900	78251	1.58%	0.268%
15	17.265	2449	2455	2460	rBV3	30933	50687	1.03%	0.173%
16	17.577	2501	2508	2515	rBV2	697353	1166045	23.62%	3.988%
17	18.411	2645	2650	2659	rBV2	118700	187952	3.81%	0.643%
18	19.621	2850	2856	2861	rBV2	39696	63284	1.28%	0.216%
19	19.974	2913	2916	2923	rVB3	34162	61179	1.24%	0.209%
20	20.150	2941	2946	2954	rBV	3846328	4937468	100.00%	16.888%
21	21.437	3159	3165	3180	rBV	79245	265740	5.38%	0.909%
22	21.860	3230	3237	3244	rBV	982519	1744563	35.33%	5.967%
23	23.523	3514	3520	3525	rVB2	74757	140613	2.85%	0.481%
24	23.693	3544	3549	3556	rBV10	40260	72414	1.47%	0.248%
25	24.145	3620	3626	3637	rBV6	90356	243060	4.92%	0.831%
26	25.256	3805	3815	3830	rBV2	578878	1776456	35.98%	6.076%
27	26.290	3985	3991	3992	rBV6	54253	82770	1.68%	0.283%

Sum of corrected areas: 29235887

LSC Report - Integrated Chromatogram

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Misc :
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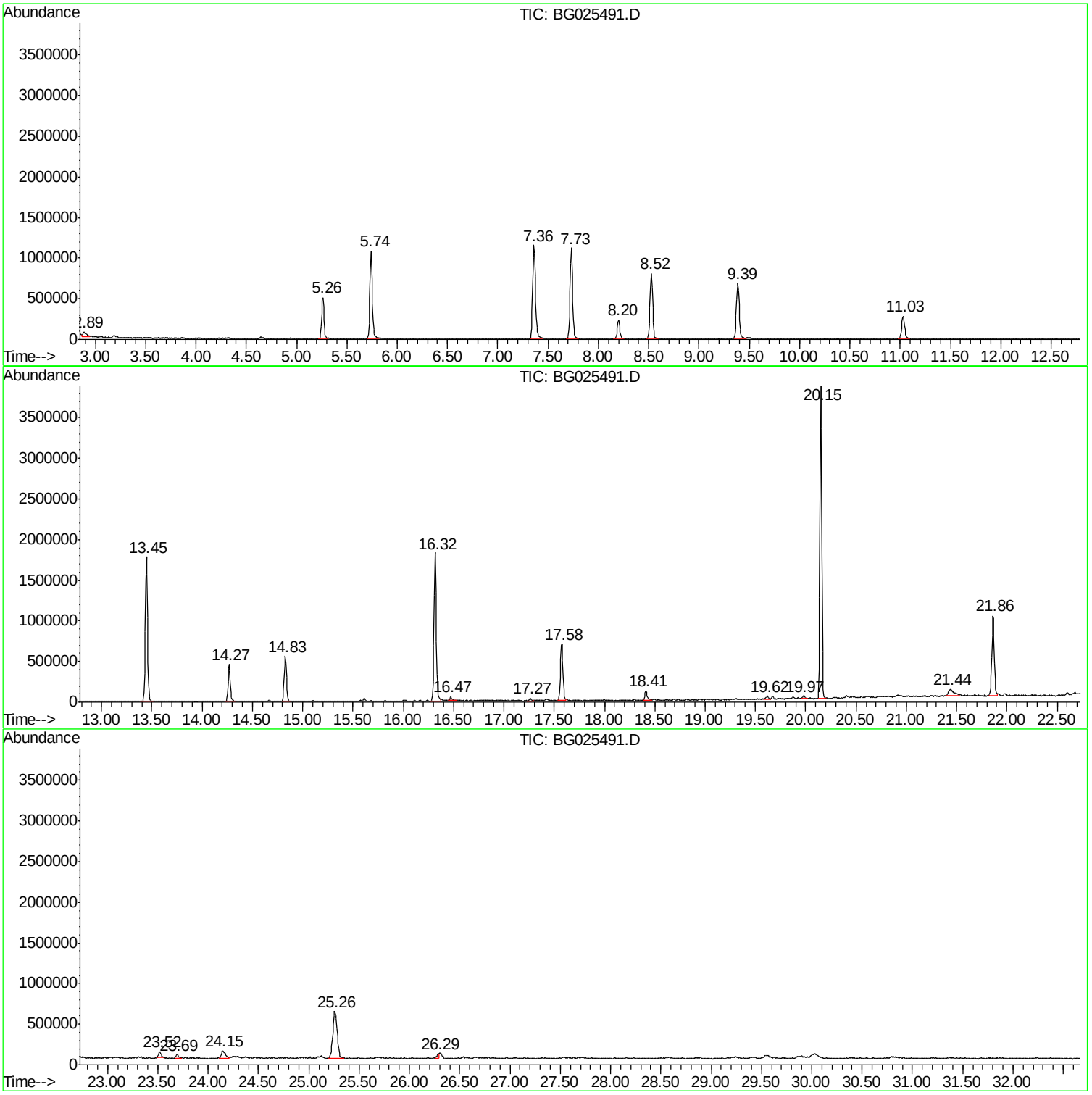
Instrument : BNA_G
ClientSampleId : COMP-0030

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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Instrument : BNA_G
ClientSampleId : COMP-0030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

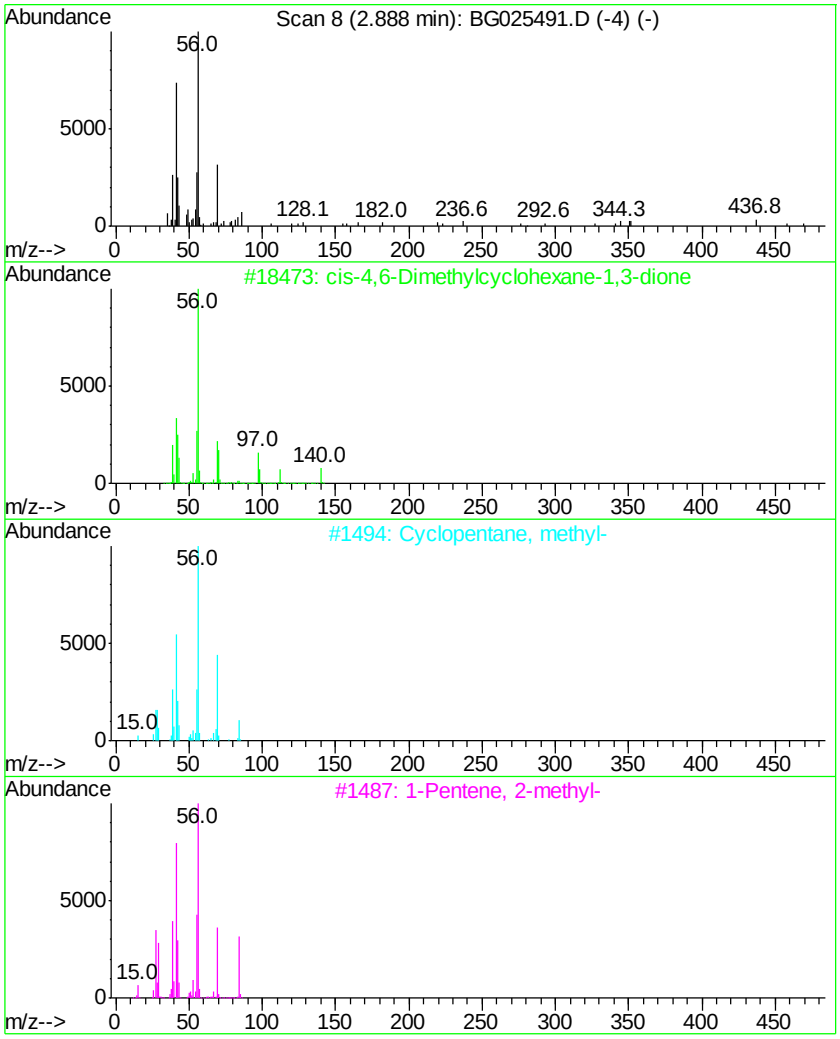
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

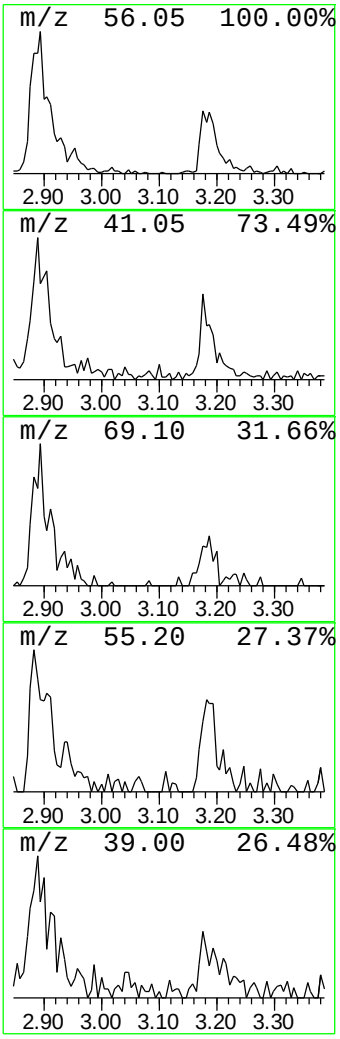
****

Peak Number 1 cis-4,6-Dimethylcyclohexane... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	5.72 ng	121057	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4,6-Dimethylcyclohexane-1,3-...	140	C8H12O2	069841-15-2	50
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	45
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	42





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Operator : UM/SJ
Sample : I1031-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-0030

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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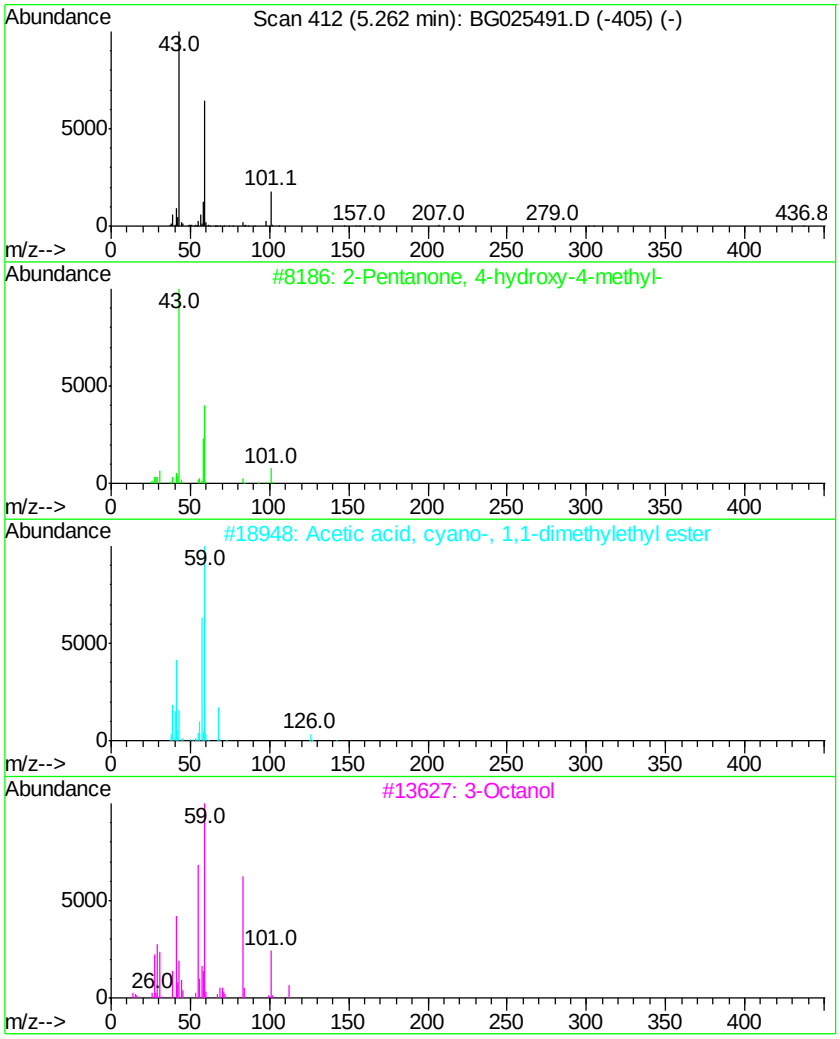
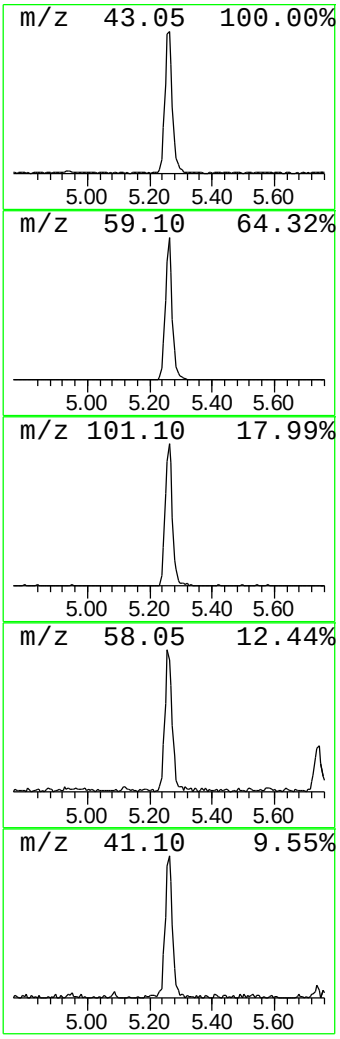
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	39.46 ng	834653	1,4-Dichlorobenzene-d4	8.21

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	3-Octanol	130	C8H18O	000589-98-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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Operator : UM/SJ
Sample : I1031-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-0030

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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TIC Library : C:\DATABASE\NIST11.L
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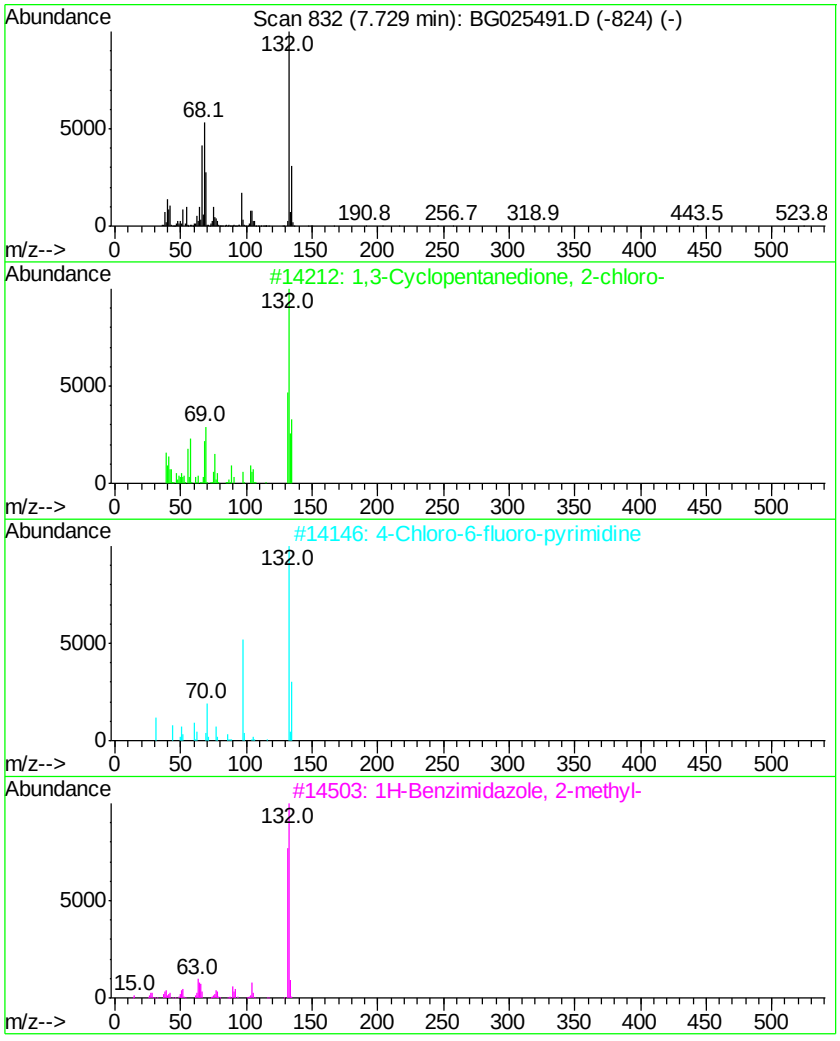
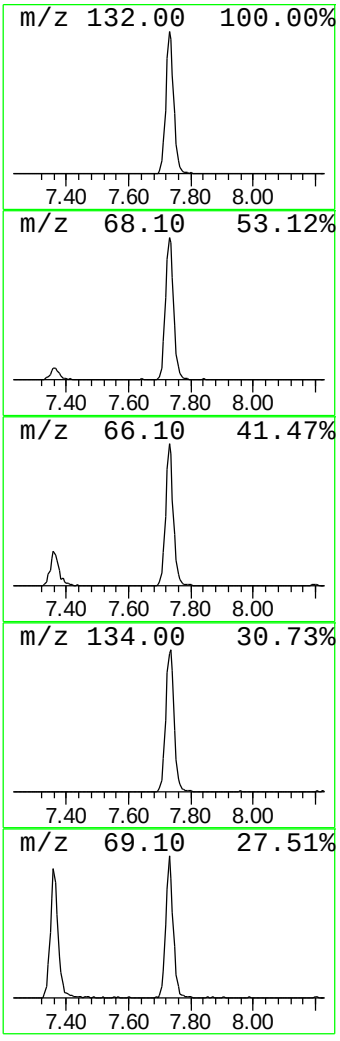
****

Peak Number 3 unknown7.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	95.28 ng	2015300	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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ClientSampleId : COMP-0030

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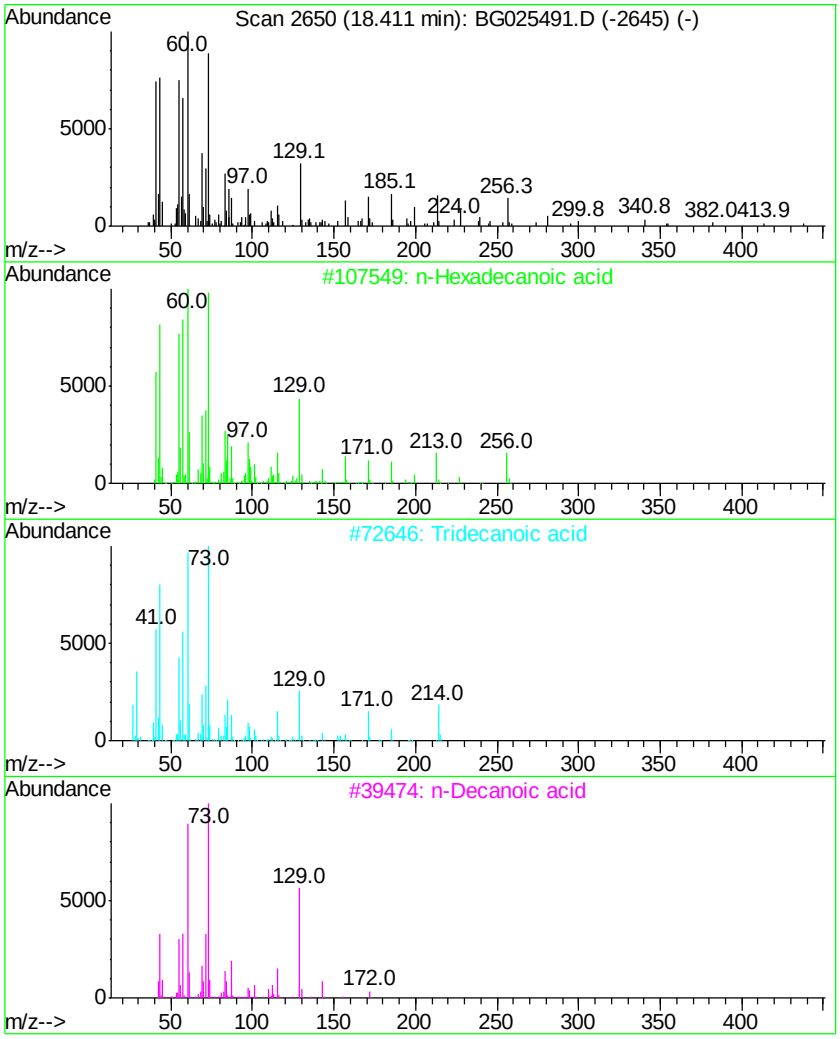
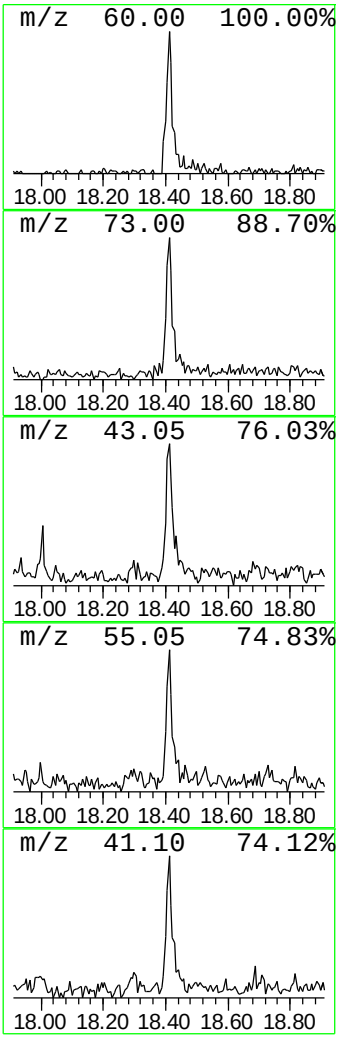
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.22 ng	187952	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	53





Library Search Compound Report

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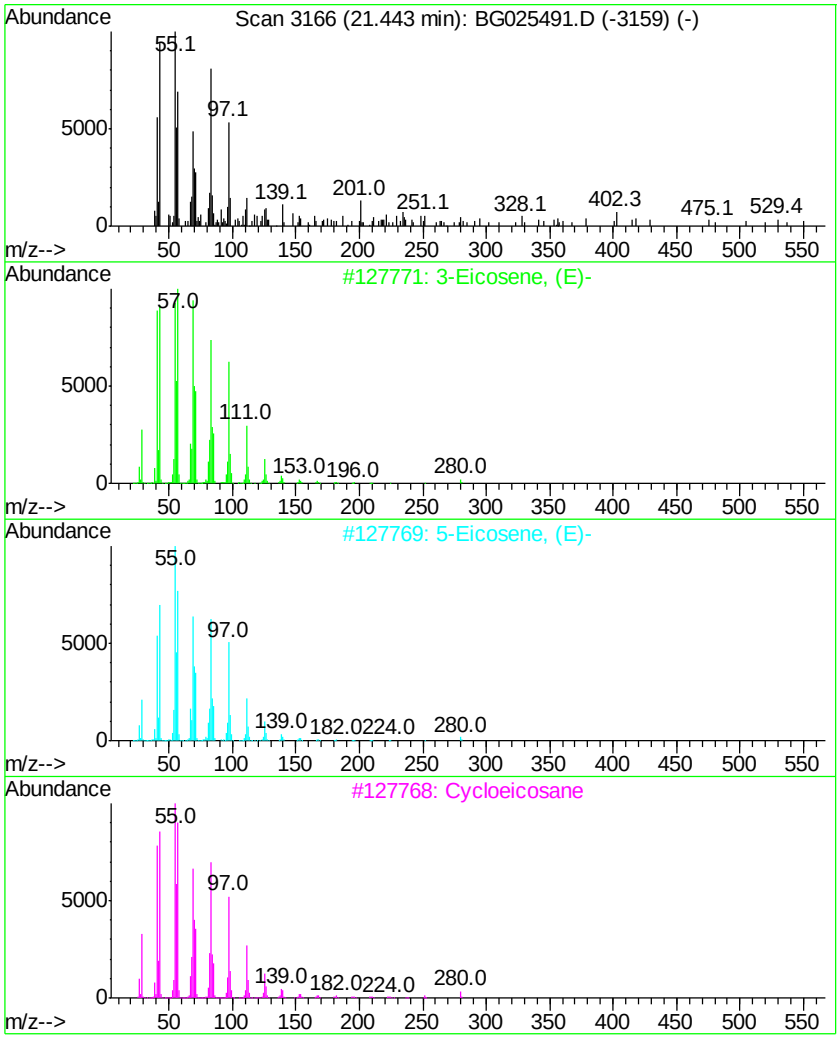
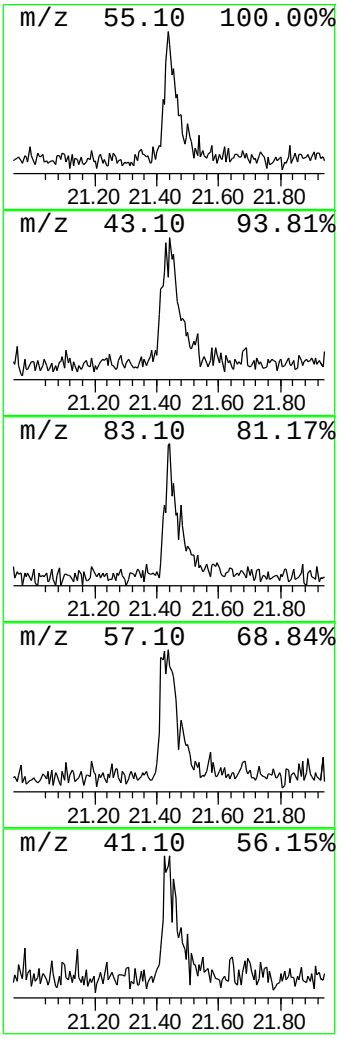
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.05 ng	265740	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Cycloeicosane	280	C20H40	000296-56-0	83
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	59
5	11-Tricosene	322	C23H46	052078-56-5	56





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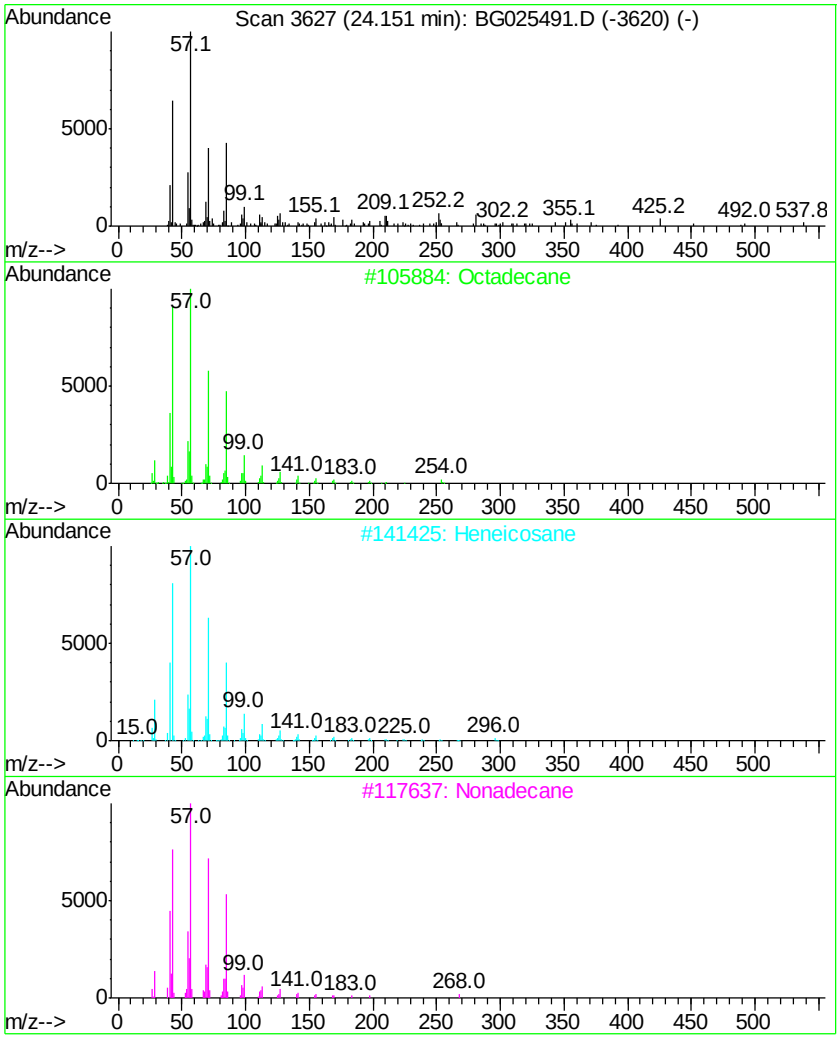
TIC Integration Parameters: LSCINT.P

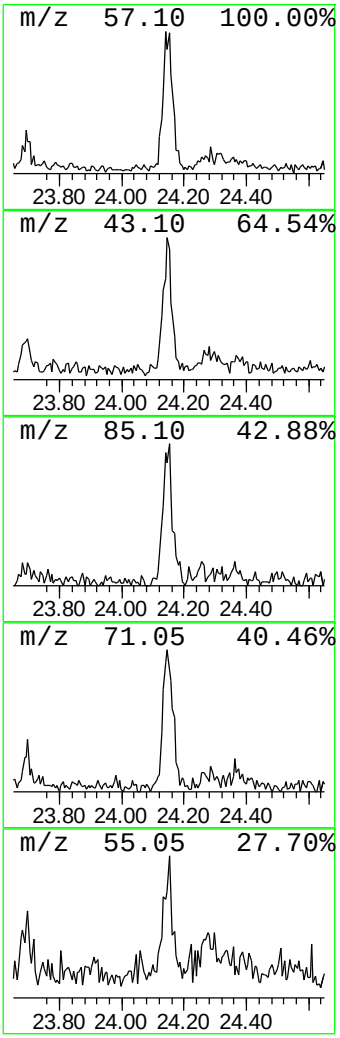
****

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	2.74 ng	243060	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentatriacontane	493	C35H72	000630-07-9	86
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86





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
cis-4,6-Dimethylc...	2.89	5.7	ng	121057	1	8.21	423006	20.0
2-Pentanone, 4-hy...	5.26	39.5	ng	834653	1	8.21	423006	20.0
unknown7.73	7.73	95.3	ng	2015300	1	8.21	423006	20.0
n-Hexadecanoic acid	18.41	3.2	ng	187952	4	17.58	1166050	20.0
3-Eicosene, (E)-	21.44	3.0	ng	265740	5	21.86	1744560	20.0
Octadecane	24.15	2.7	ng	243060	6	25.26	1776460	20.0