LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-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-BG092519.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	3.130	3	7	16	rBV	65351	124744	5.09%	0.745%
2	3.206	16	20	31	rVB	152655	217843	8.89%	1.301%
3	5.145	343	350	358	rBV	14728	25661	1.05%	0.153%
4	5.615	424	430	442	rBV	480129	838928	34.23%	5.010%
5	7.213	693	702	716	rBV	567749	1121620	45.77%	6.698%
6	7.577	756	764	775	rBV	578921	1032971	42.15%	6.168%
7	8.036	835	842	851	rBV	184867	335406	13.69%	2.003%
8	8.359	890	897	910	rBV	433128	808393	32.99%	4.827%
9	9.199	1031	1040	1058	rBV	316993	657023	26.81%	3.923%
10	10.844	1308	1320	1331	rBV	228161	478162	19.51%	2.855%
11	13.288	1729	1736	1750	rBV	990981	1618392	66.04%	9.664%
12	14.111	1869	1876	1881	rBV	95585	165062	6.74%	0.986%
13	14.663	1960	1970	1978	rBV	422977	725113	29.59%	4.330%
14	15.063	2032	2038	2043	rBV6	14872	30326	1.24%	0.181%
15	15.286	2070	2076	2081	rBV4	14423	28074	1.15%	0.168%
16	15.915	2180	2183	2192	rVB4	18304	33594	1.37%	0.201%
17	16.156	2216	2224	2234	rBV	547214	979196	39.96%	5.847%
18	16.391	2258	2264	2270	rVB2	43684	72654	2.96%	0.434%
19	17.213	2400	2404	2410	rBV8	21336	38260	1.56%	0.228%
20	17.413	2432	2438	2442	rBV2	487928	819715	33.45%	4.895%
21	17.454	2442	2445	2453	rVV	110120	188160	7.68%	1.124%
22	17.531	2453	2458	2467	rVB3	43435	97325	3.97%	0.581%
23	18.300	2583	2589	2592	rBV3	41420	71158	2.90%	0.425%
24	18.335	2592	2595	2603	rVB2	27210	50841	2.07%	0.304%
25	18.482	2615	2620	2624	rBV3	30775	57545	2.35%	0.344%
26	18.523	2624	2627	2633	rVB6	18652	30622	1.25%	0.183%
27	19.205	2739	2743	2744	rBV3	17862	26008	1.06%	0.155%
28	19.464	2781	2787	2792	rBV	248177	381831	15.58%	2.280%
29	19.516	2793	2796	2801	rVB6	23298	33386	1.36%	0.199%
30	19.822	2844	2848	2856	rVB	223989	346933	14.16%	2.072%
31	20.022	2876	2882	2892	rBV	1840302	2450652	100.00%	14.634%
32	21.326	3099	3104	3113	rBV5	142060	299294	12.21%	1.787%
33	21.402	3114	3117	3126	rVB2	76463	141113	5.76%	0.843%
34	21.684	3157	3165	3170	rBV3	625475	1215175	49.59%	7.256%

LSC Area Percent Report

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Acq On : 17 Oct 2019 18:22
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-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-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.872	3194	3197	3205	rBV7	41947	71552	2.92%	0.427%
36	23.870	3533	3537	3538	rBV3	66261	75256	3.07%	0.449%
37	24.904	3704	3713	3724	rBV2	356484	1058568	43.20%	6.321%

Sum of corrected areas: 16746556

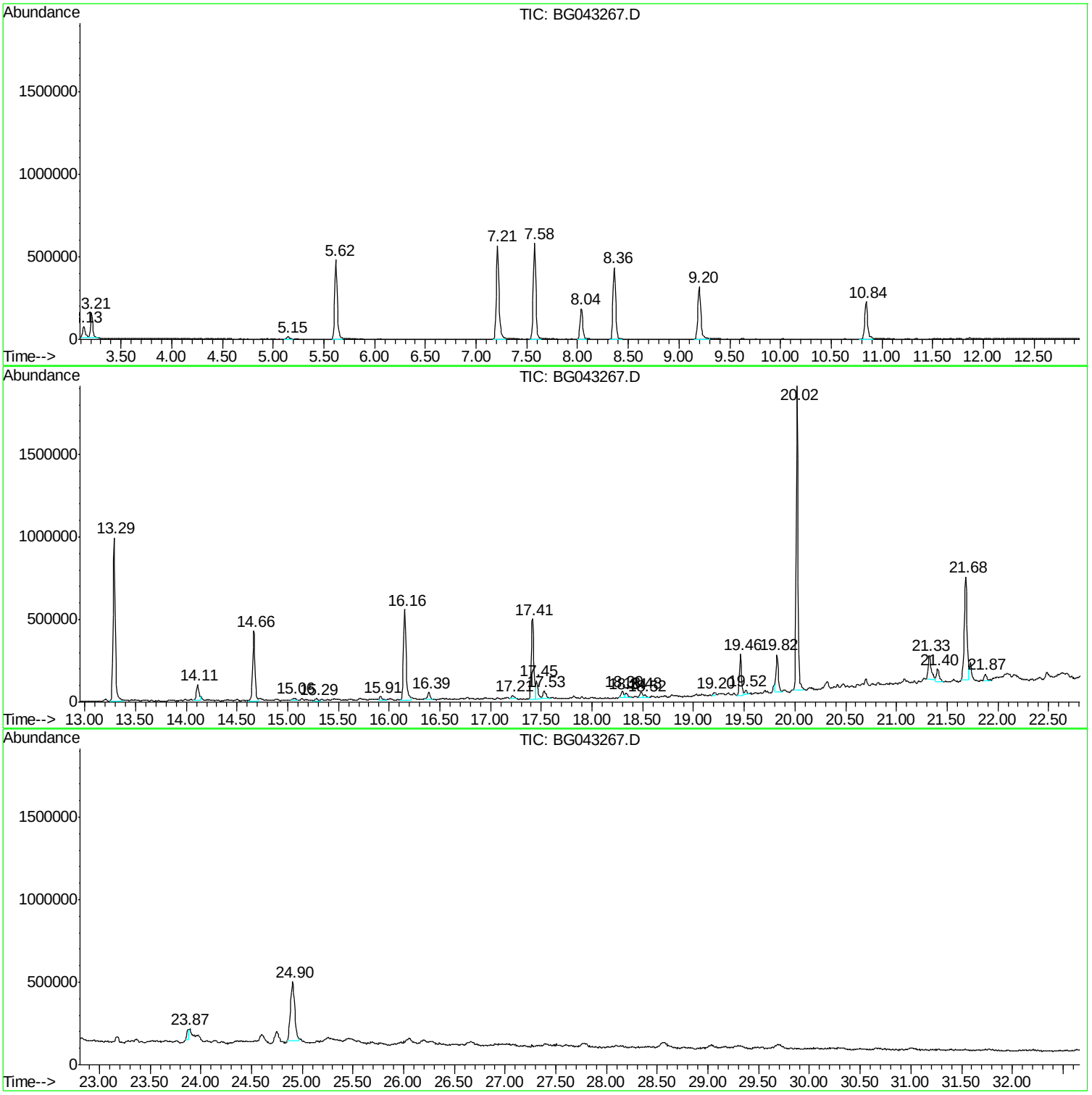
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

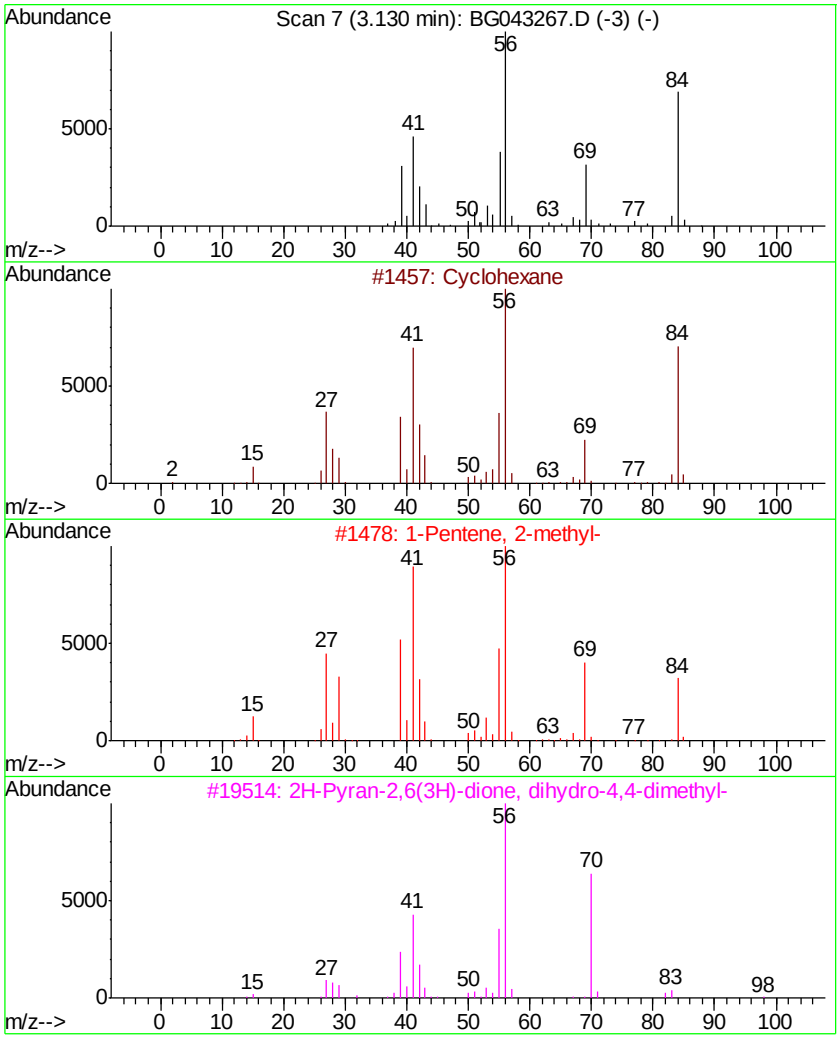
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

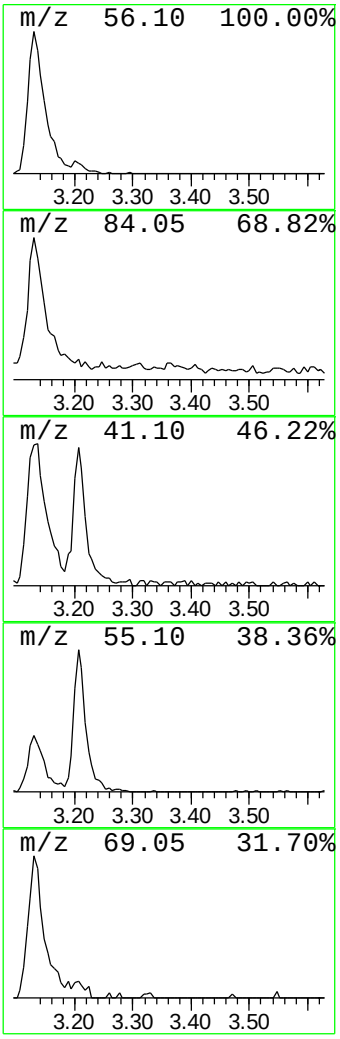
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	7.44 ng	124744	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	42
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

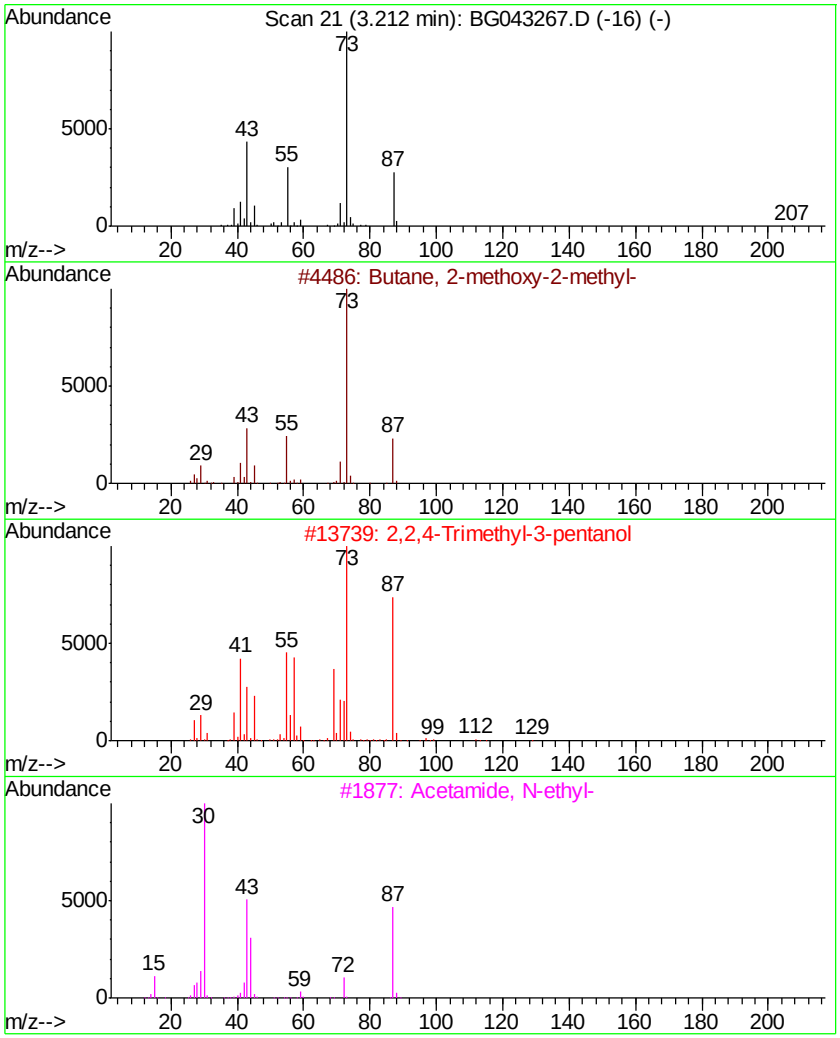
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

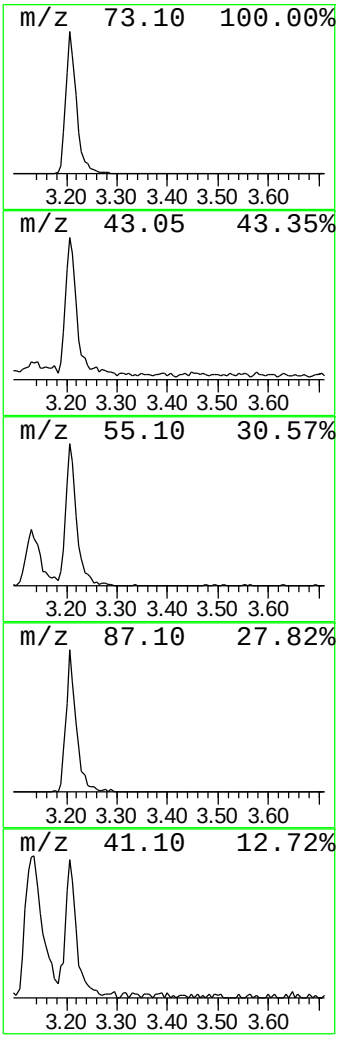
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	12.99 ng	217843	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

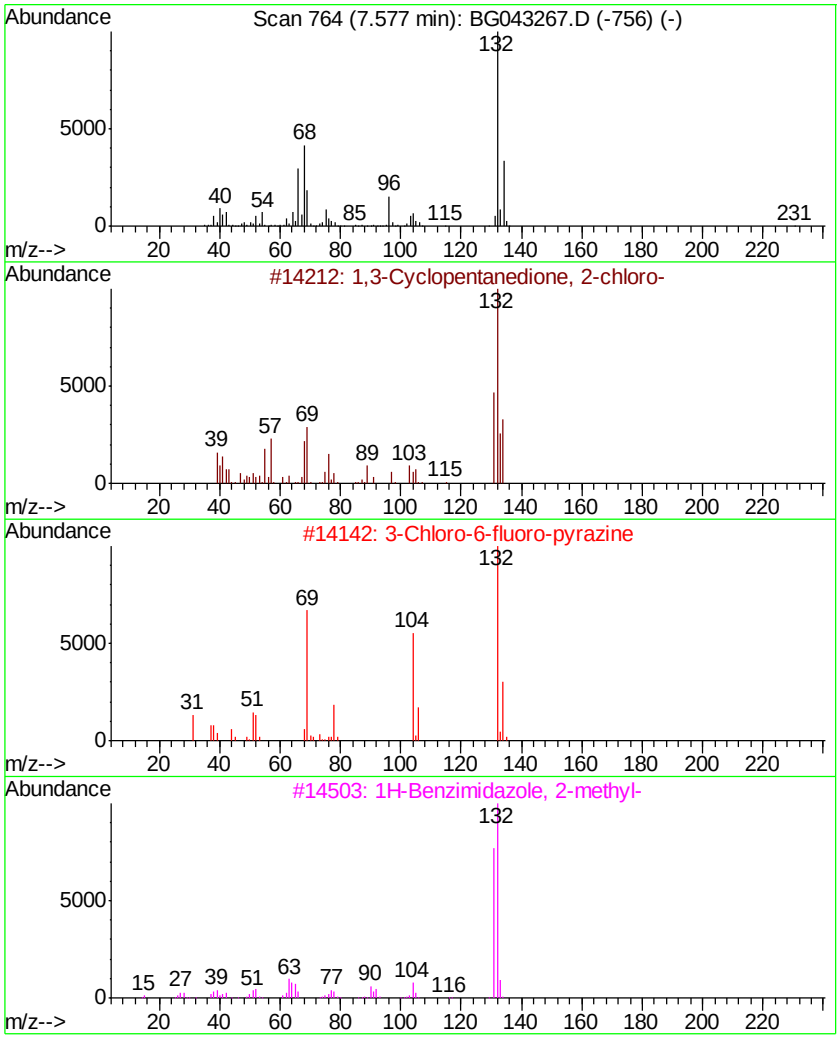
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

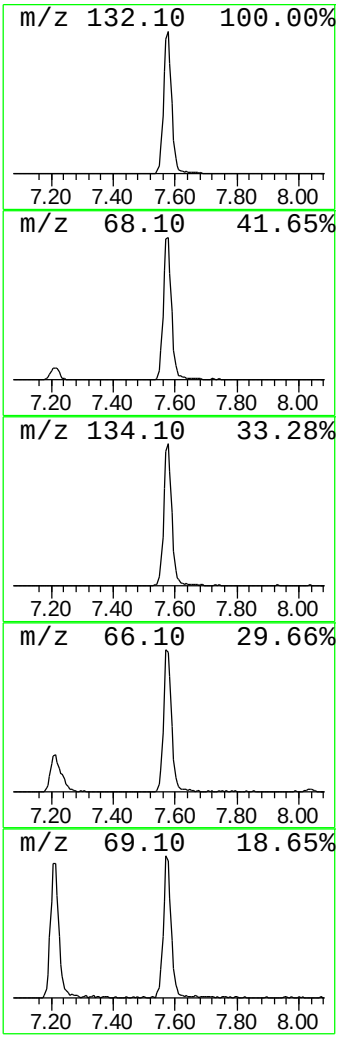
****

Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	61.60 ng	1032970	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12





Library Search Compound Report

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Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

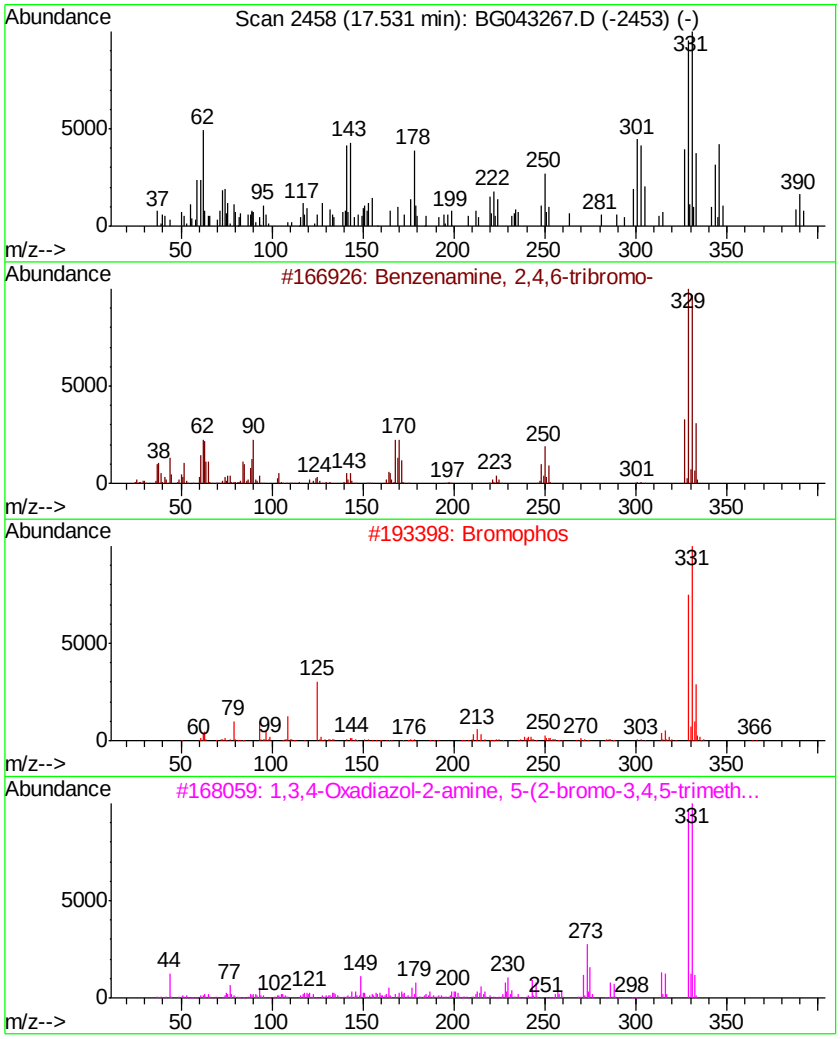
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

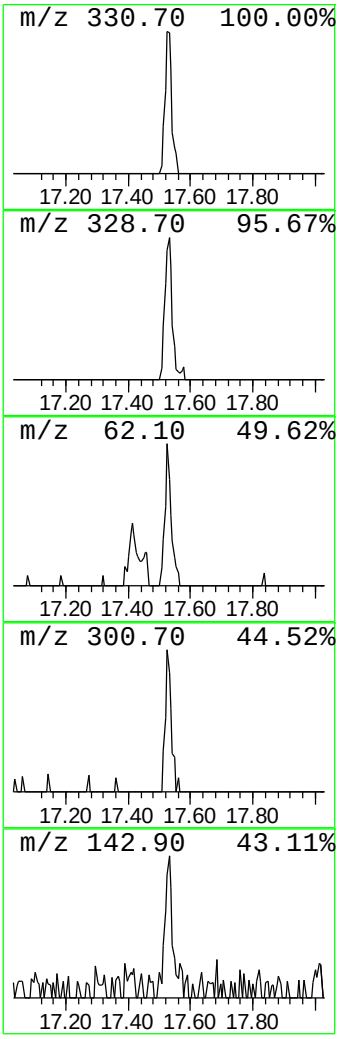
****

Peak Number 5 Benzenamine, 2,4,6-tribromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.37 ng	97325	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	70
2	Bromophos	364	C8H8BrCl2O3PS	002104-96-3	22
3	1,3,4-Oxadiazol-2-amine, 5-(2-br...	329	C11H12BrN3O4	1000350-74-8	14
4	Tetrachlorvinphos	364	C10H9Cl4O4P	022248-79-9	14
5	1H-Pyrazolo[4,3-c]pyridazin-3-ol...	388	C22H20N4O3	035426-81-4	12





Library Search Compound Report

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Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

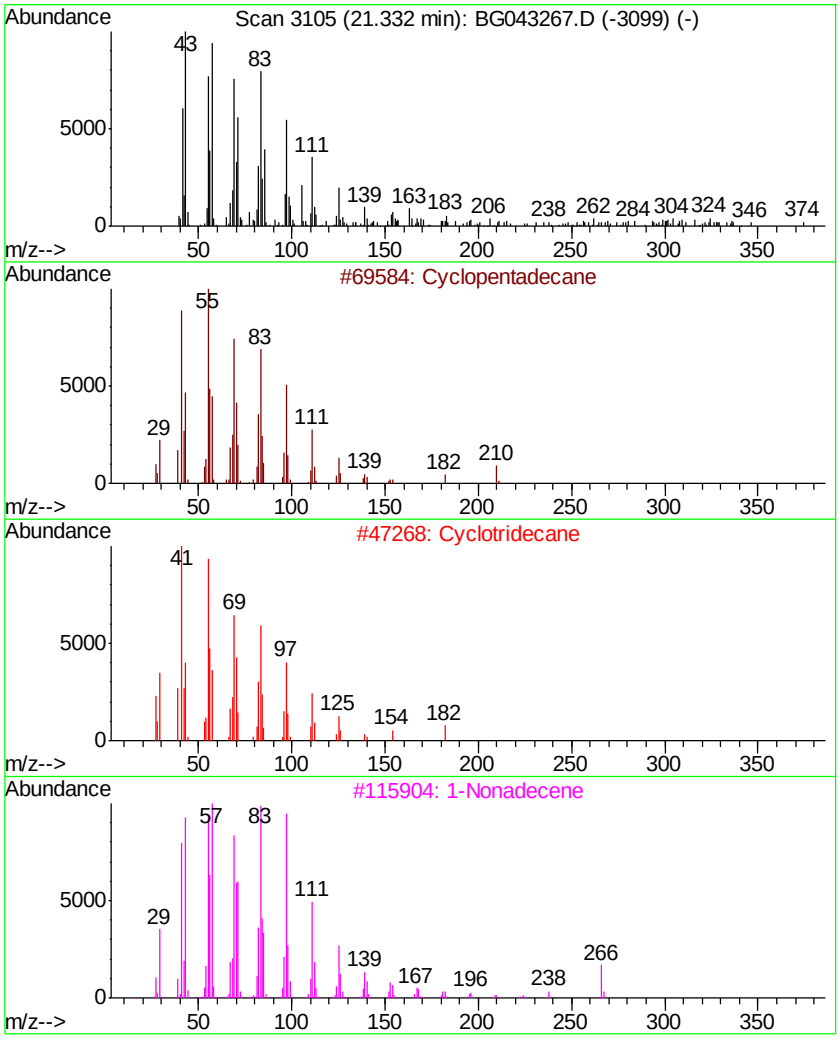
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

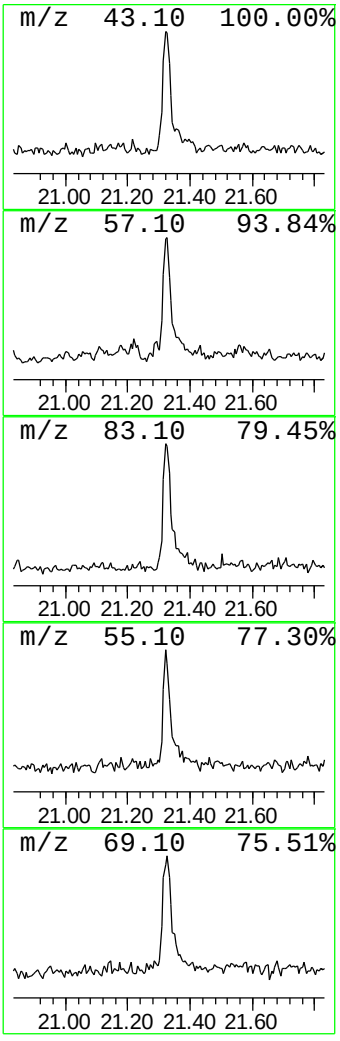
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.93 ng	299294	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclotridecane	182	C13H26	000295-02-3	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Misc :
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Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

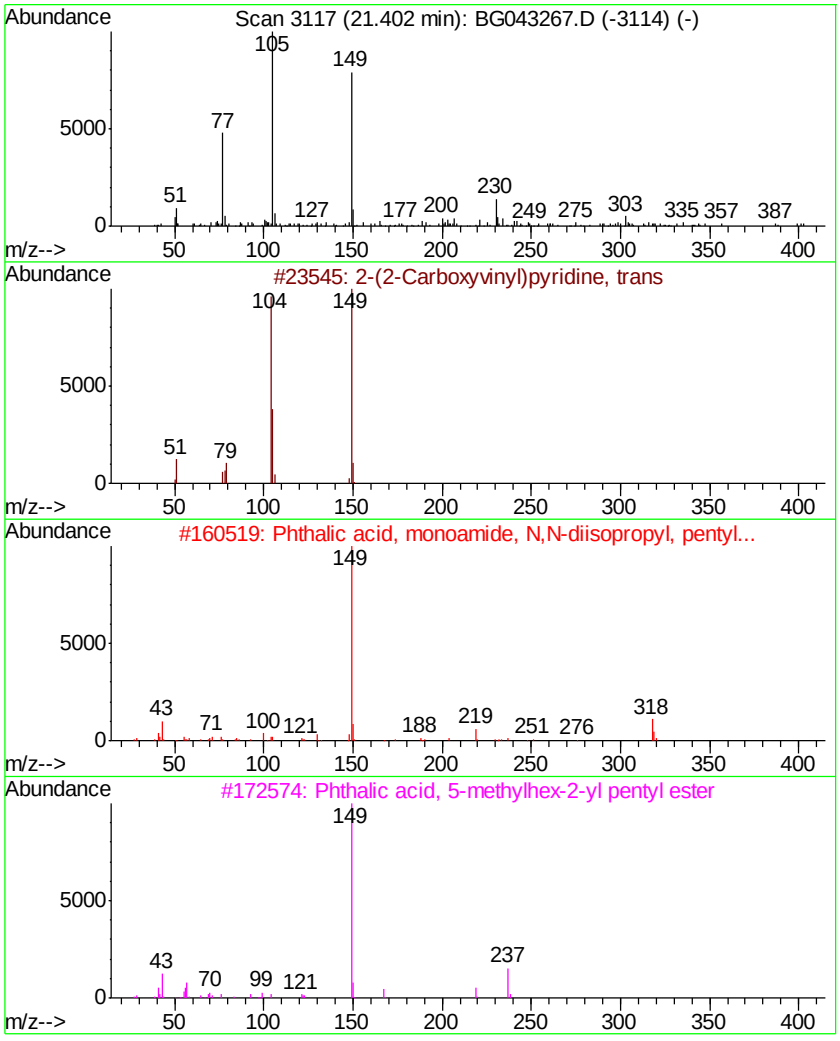
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

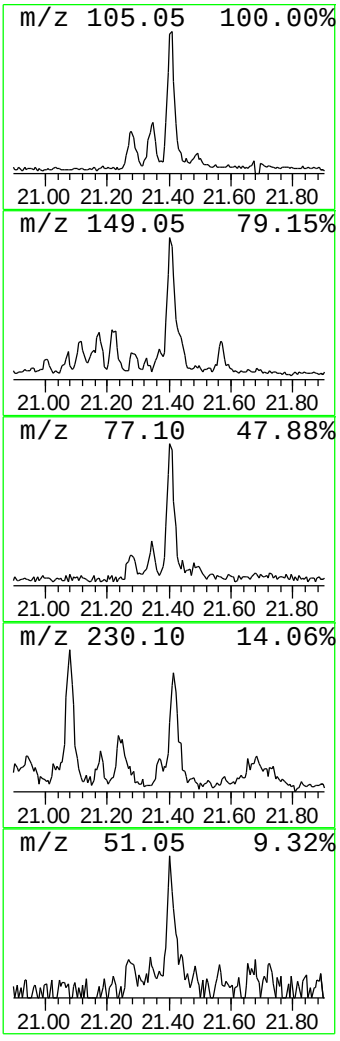
****

Peak Number 7 unknown21.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.32 ng	141113	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	47
2	Phthalic acid, monoamide, N,N-di...	319	C19H29NO3	1000315-17-2	46
3	Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	35
4	Phthalic acid, hept-4-yl nonyl e...	390	C24H38O4	1000356-79-0	35
5	Phthalic acid, cyclobutyl dodecy...	388	C24H36O4	1000314-90-7	35





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : COMP-32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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-Pentene, 2-methyl-	3.13	7.4	ng	124744	1	8.04	335406	20.0
Butane, 2-methoxy...	3.21	13.0	ng	217843	1	8.04	335406	20.0
unknown7.58	7.58	61.6	ng	1032970	1	8.04	335406	20.0
Benzenamine, 2,4,...	17.53	2.4	ng	97325	4	17.41	819715	20.0
Cyclopentadecane	21.33	4.9	ng	299294	5	21.68	1215180	20.0
unknown21.40	21.40	2.3	ng	141113	5	21.68	1215180	20.0