LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

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-BG061520.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	5.496	403	410	424	rBV	687346	1231274	34.85%	5.475%
2	6.577	586	594	602	rVB	32077	54926	1.55%	0.244%
3	7.112	678	685	695	rBV	797279	1444585	40.89%	6.424%
4	7.494	745	750	758	rBV	37813	65482	1.85%	0.291%
5	7.893	811	818	826	rBV	190154	319009	9.03%	1.419%
6	8.216	864	873	881	rBV	688758	1205151	34.11%	5.359%
7	9.056	1008	1016	1027	rBV	535025	975725	27.62%	4.339%
8	10.701	1288	1296	1308	rBV	242632	439542	12.44%	1.955%
9	13.168	1709	1716	1724	rBV	1497556	2401122	67.97%	10.678%
10	13.450	1755	1764	1771	rBV4	43454	100645	2.85%	0.448%
11	13.873	1831	1836	1842	rVB3	78956	117443	3.32%	0.522%
12	13.997	1853	1857	1864	rVB	209457	314425	8.90%	1.398%
13	14.508	1937	1944	1946	rBV2	62999	91795	2.60%	0.408%
14	14.549	1946	1951	1959	rVV2	410167	658848	18.65%	2.930%
15	14.619	1959	1963	1974	rVB4	15649	36034	1.02%	0.160%
16	14.807	1987	1995	2001	rBV5	30861	51665	1.46%	0.230%
17	16.047	2198	2206	2215	rBV	1307068	2022107	57.24%	8.992%
18	17.298	2410	2419	2425	rBV	512883	812855	23.01%	3.615%
19	19.824	2845	2849	2854	rVB	109995	140397	3.97%	0.624%
20	19.918	2859	2865	2872	rBV	2681206	3532872	100.00%	15.711%
21	20.077	2885	2892	2896	rBV	41695	66546	1.88%	0.296%
22	20.223	2915	2917	2925	rVB8	31329	46822	1.33%	0.208%
23	20.335	2932	2936	2941	rBV2	27629	40295	1.14%	0.179%
24	20.564	2970	2975	2978	rBV2	85003	114141	3.23%	0.508%
25	20.605	2979	2982	2990	rVB8	40362	77412	2.19%	0.344%
26	21.034	3050	3055	3061	rVB	202802	260235	7.37%	1.157%
27	21.210	3081	3085	3095	rBV	223053	332602	9.41%	1.479%
28	21.557	3138	3144	3150	rBV	508800	800004	22.64%	3.558%
29	21.751	3174	3177	3181	rBV3	33529	38699	1.10%	0.172%
30	22.362	3273	3281	3290	rVB4	156959	403756	11.43%	1.796%
31	23.008	3387	3391	3395	rVB3	44402	72314	2.05%	0.322%
32	23.343	3443	3448	3454	rVB4	73994	128312	3.63%	0.571%
33	23.783	3516	3523	3529	rBV	264076	566570	16.04%	2.520%
34	23.848	3529	3534	3544	rVB4	102175	241380	6.83%	1.073%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	24.670	3665	3674	3689	rVB2	313020	944306	26.73%	4.199%
36	25.193	3755	3763	3773	rVB3	128493	338701	9.59%	1.506%
37	25.781	3855	3863	3874	rVB3	218996	659249	18.66%	2.932%
38	25.904	3876	3884	3895	rBV7	67677	244393	6.92%	1.087%
39	27.831	4203	4212	4224	rVB5	107052	387030	10.96%	1.721%
40	29.769	4531	4542	4559	rVB8	142152	655173	18.55%	2.914%
41	32.401	4983	4990	4991	rBV7	31461	53205	1.51%	0.237%

Sum of corrected areas: 22487047

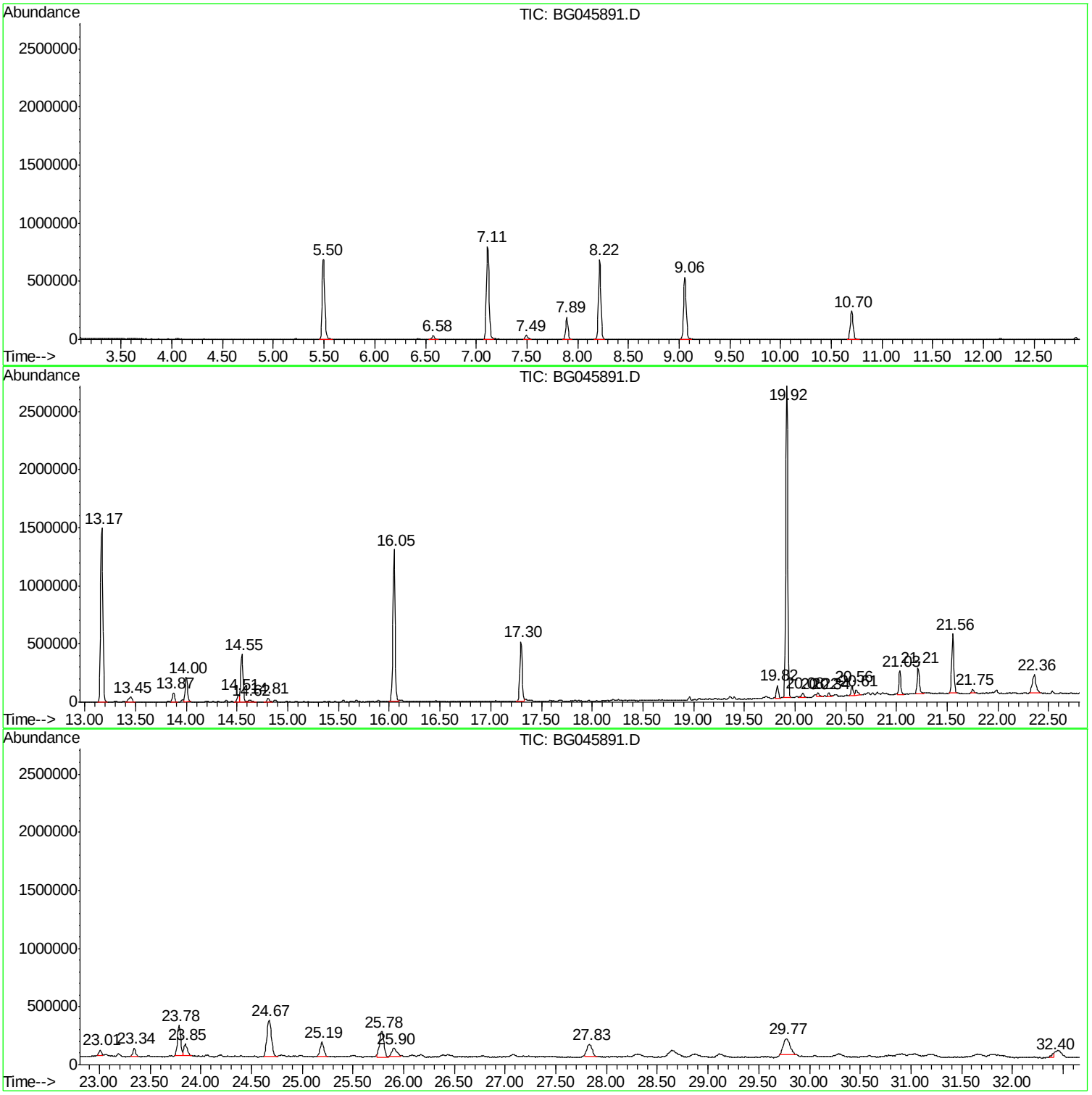
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

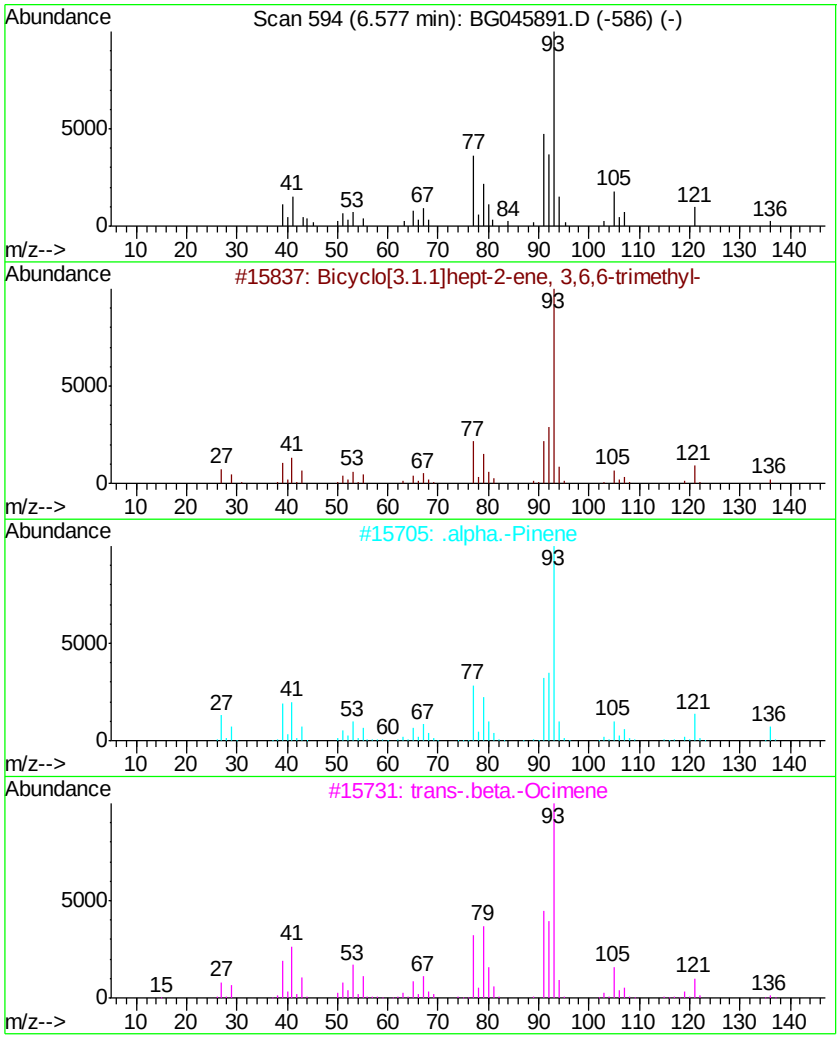
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

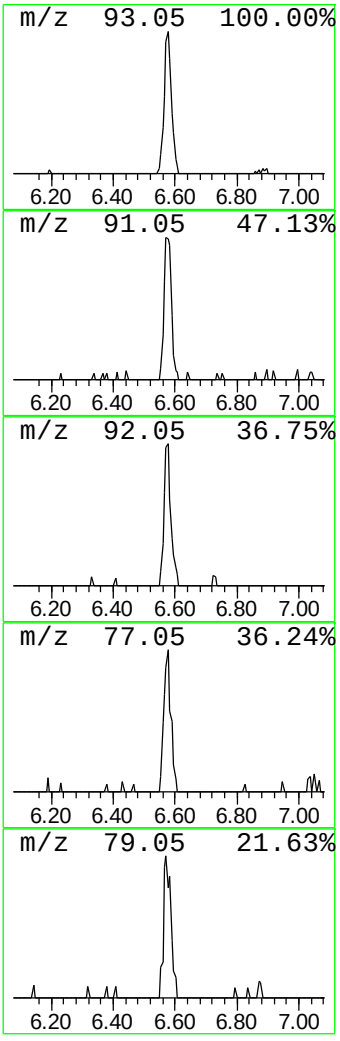
****

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	3.44 ng	54926	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	87
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	83
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

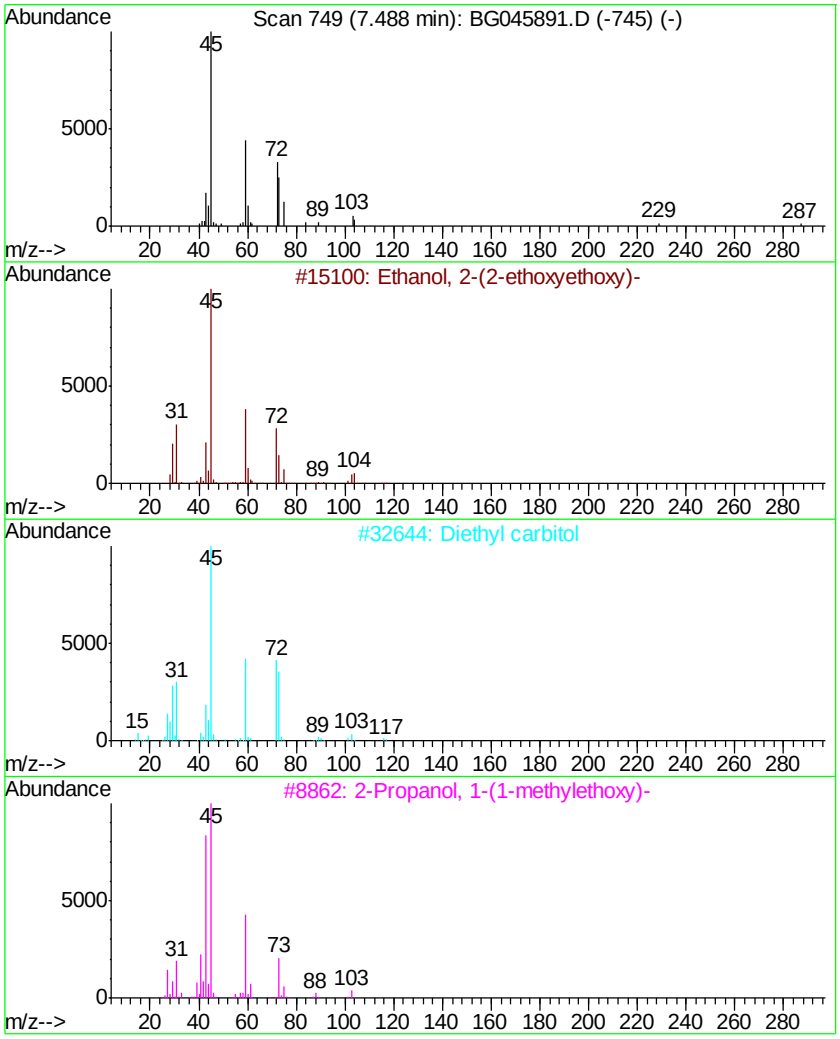
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

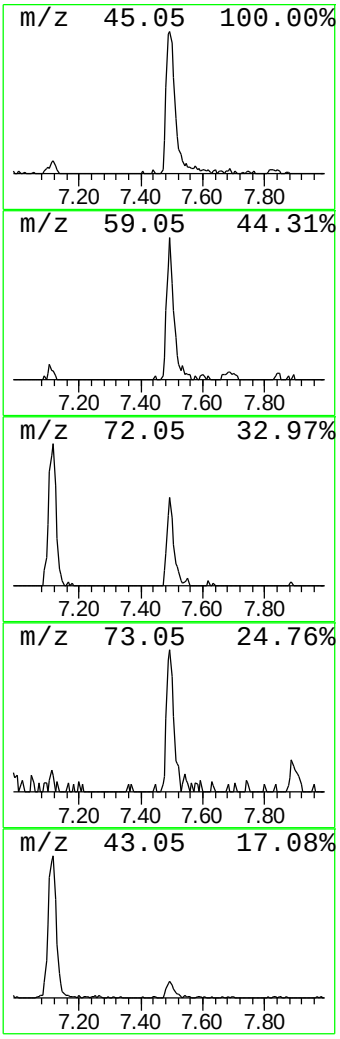
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.11 ng	65482	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	45
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
4	Ethyl 2-(2-(2-ethoxyethoxy)ethox...	220	C10H20O5	1000366-77-8	38
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

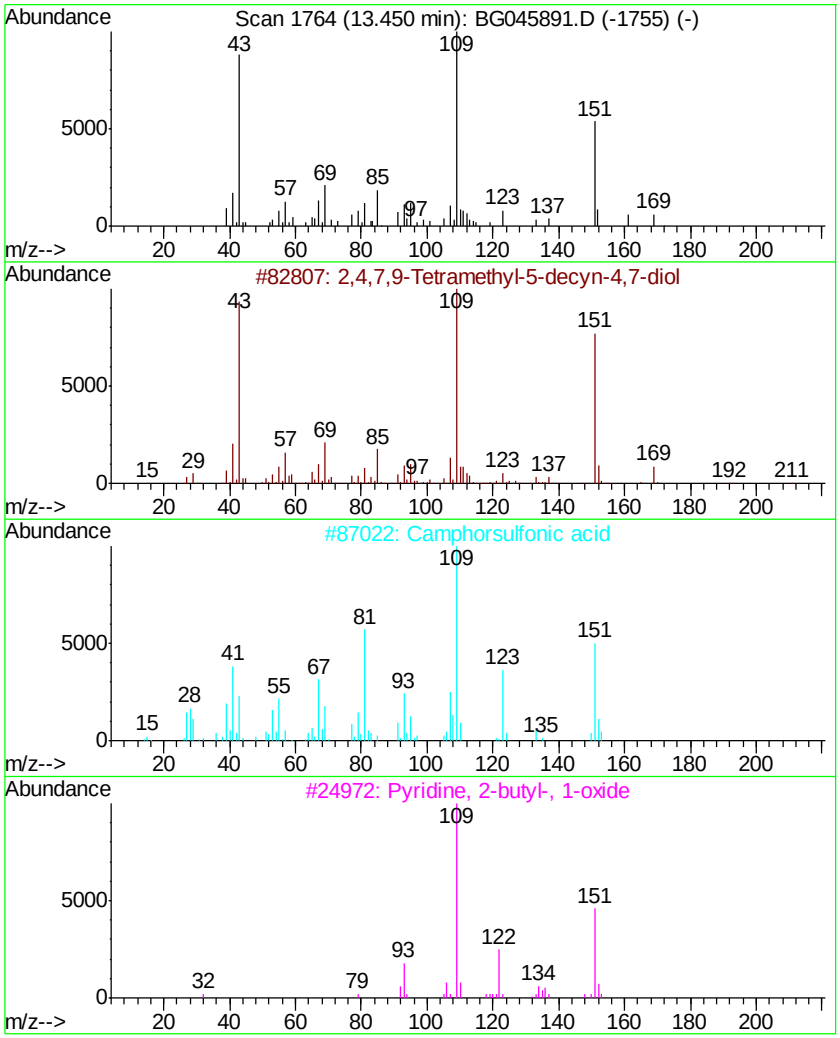
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

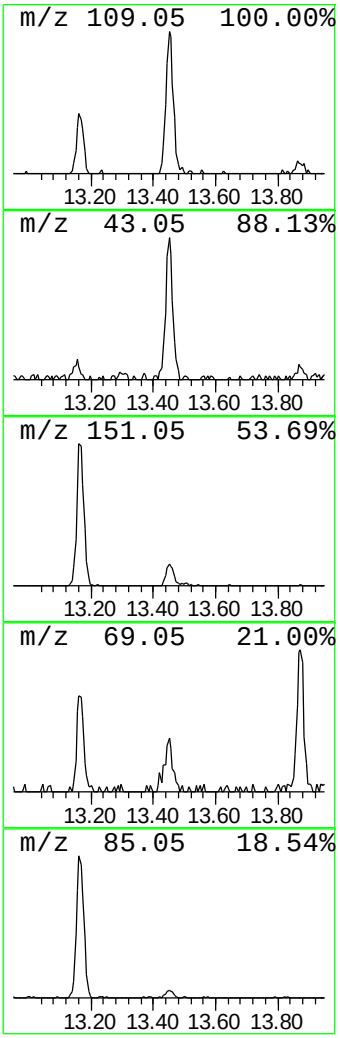
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.06 ng	100645	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Metacetamol	151	C8H9NO2	000621-42-1	58
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

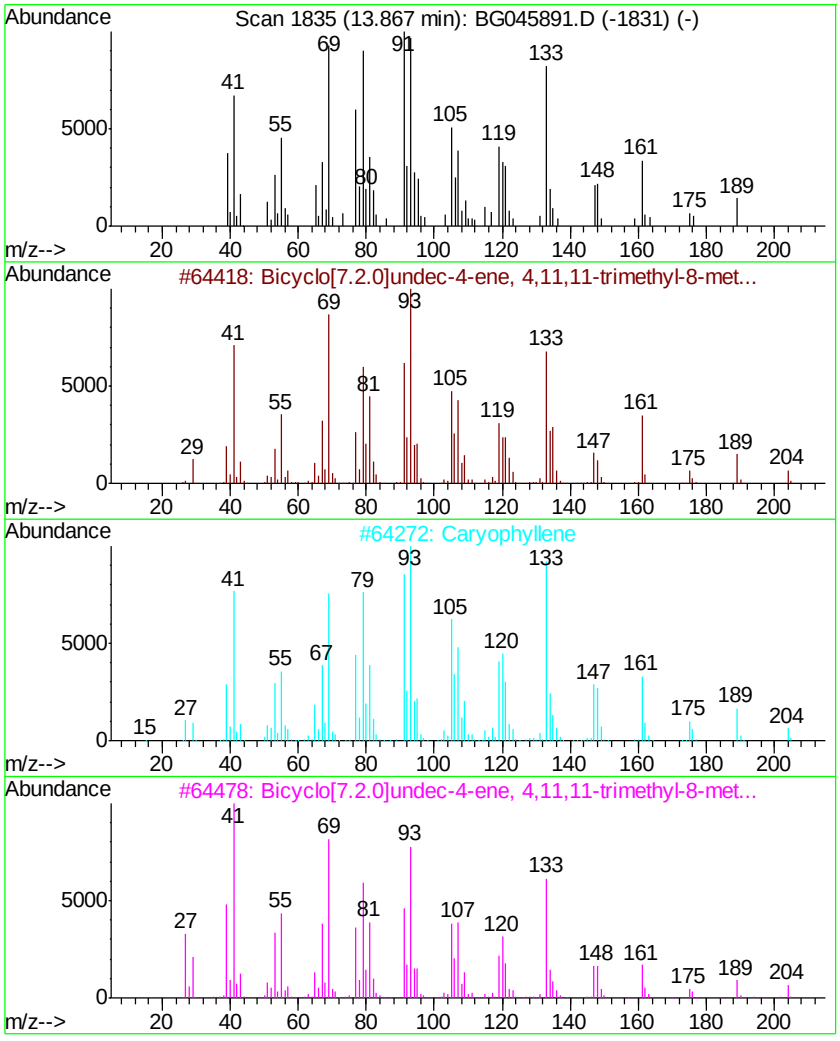
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

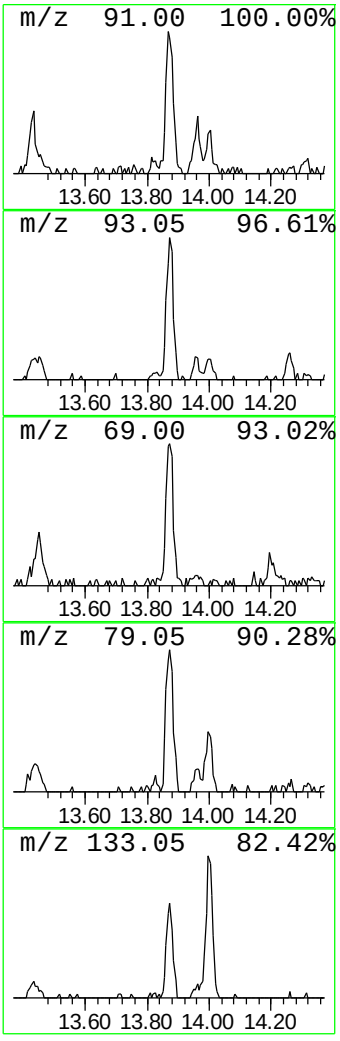
****

Peak Number 5 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.57 ng	117443	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	94
2	Caryophyllene	204	C15H24	000087-44-5	91
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	87
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	76
5	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

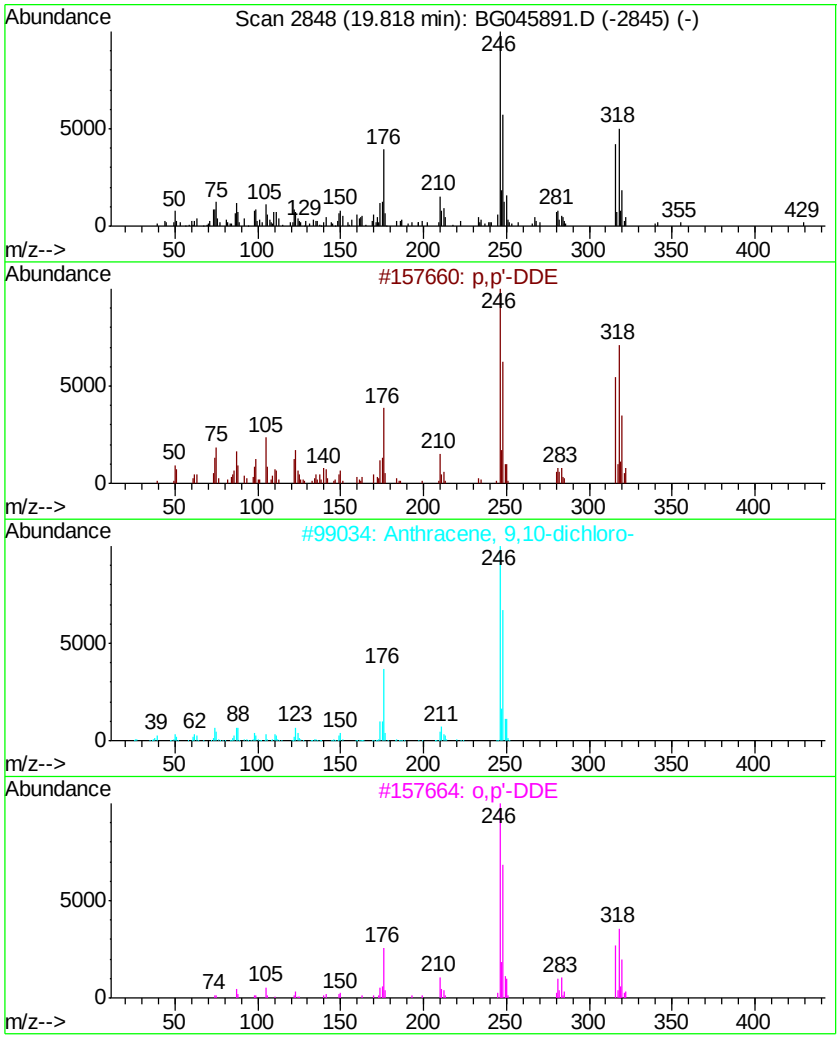
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

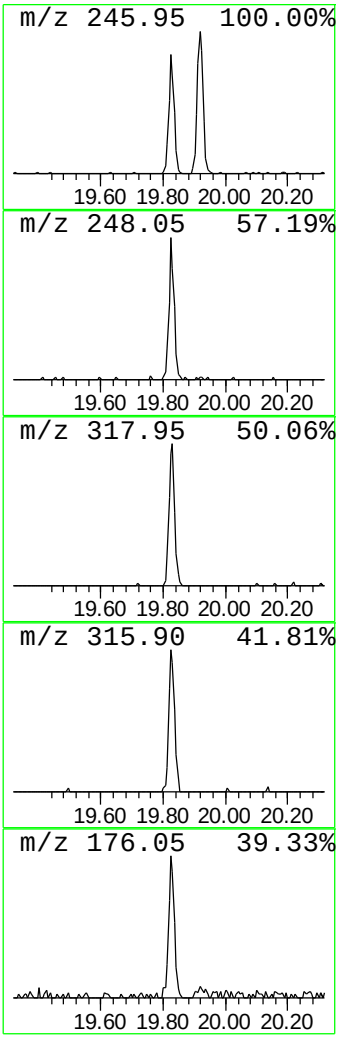
****

Peak Number 6 p,p'-DDE Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.51 ng	140397	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2	Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	99
3	o,p'-DDE	316	C14H8Cl4	003424-82-6	95
4	Anthracene, 1,8-dichloro-	246	C14H8Cl2	014381-66-9	93
5	9H-Fluorene, 9-(dichloromethylene)-	246	C14H8Cl2	000835-17-6	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

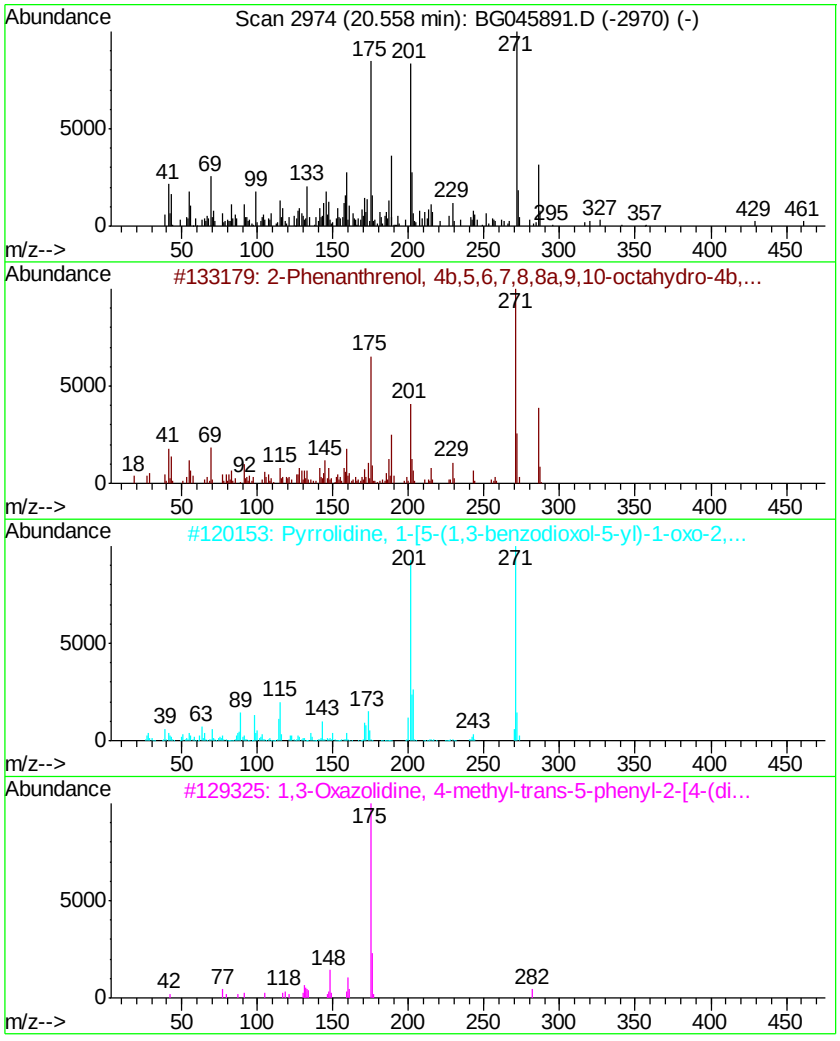
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

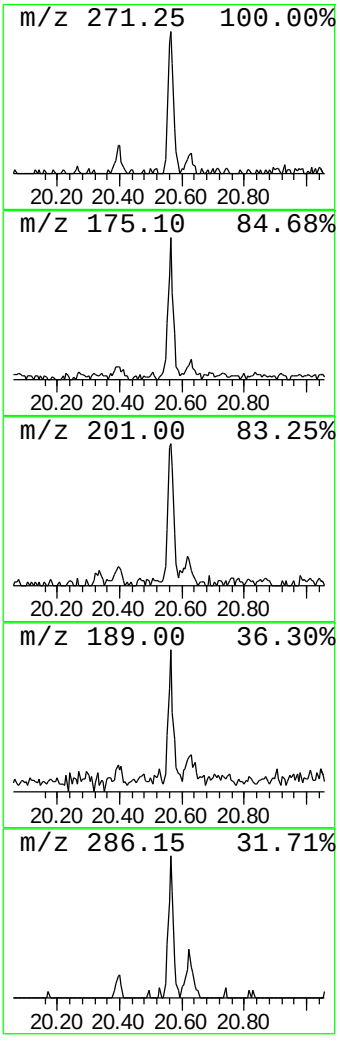
****

Peak Number 7 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.85 ng	114141	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	87
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	18
3	1,3-Oxazolidine, 4-methyl-trans-...	282	C18H22N2O	1000138-83-2	15
4	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	15
5	Methylphosphonic acid, anhydride...	342	C14H32O5P2	1000273-44-7	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

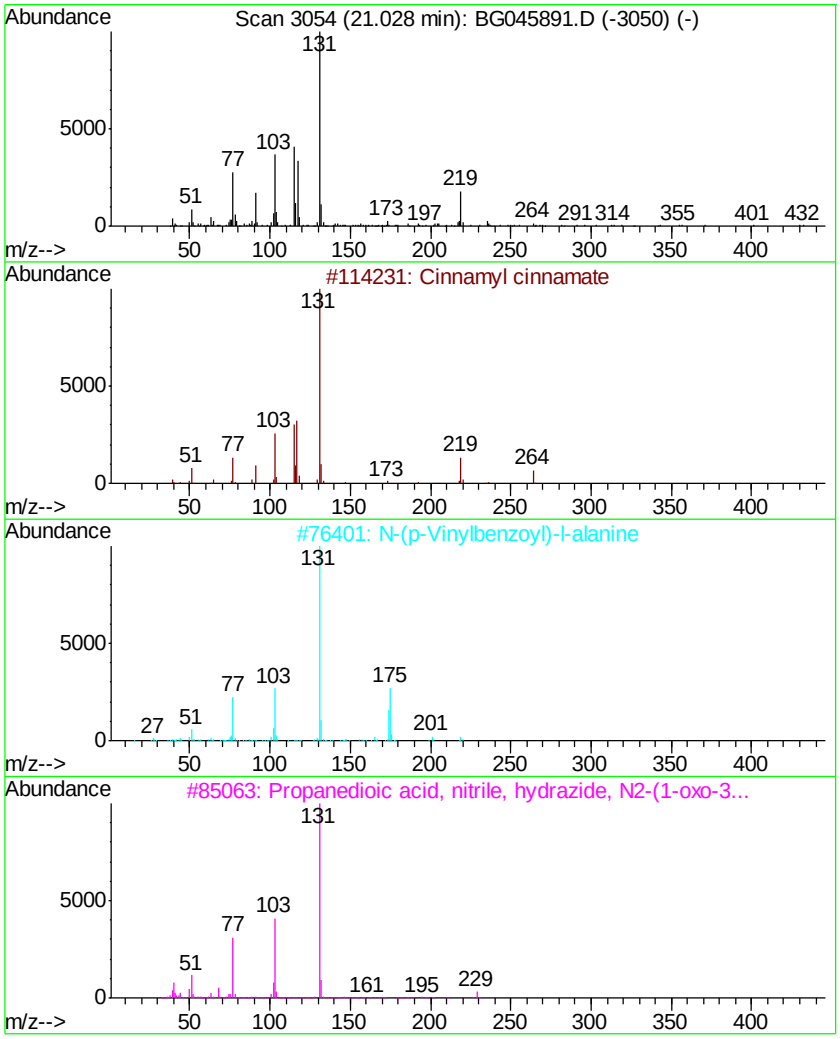
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

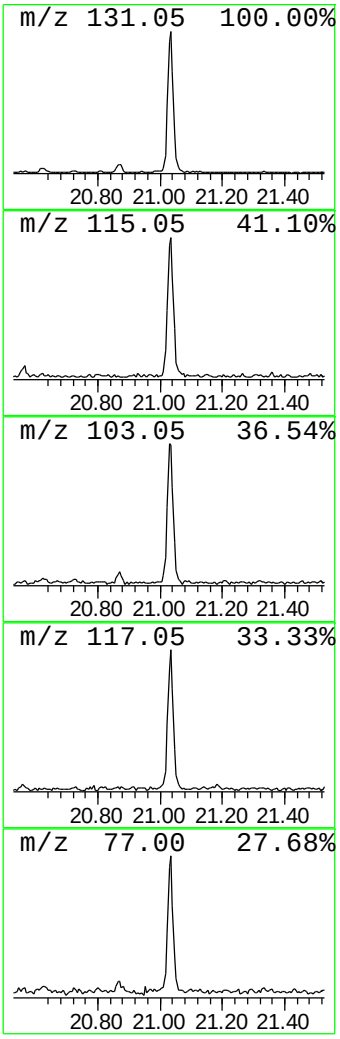
****

Peak Number 8 Cinnamyl cinnamate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.51 ng	260235	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	80
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
3	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

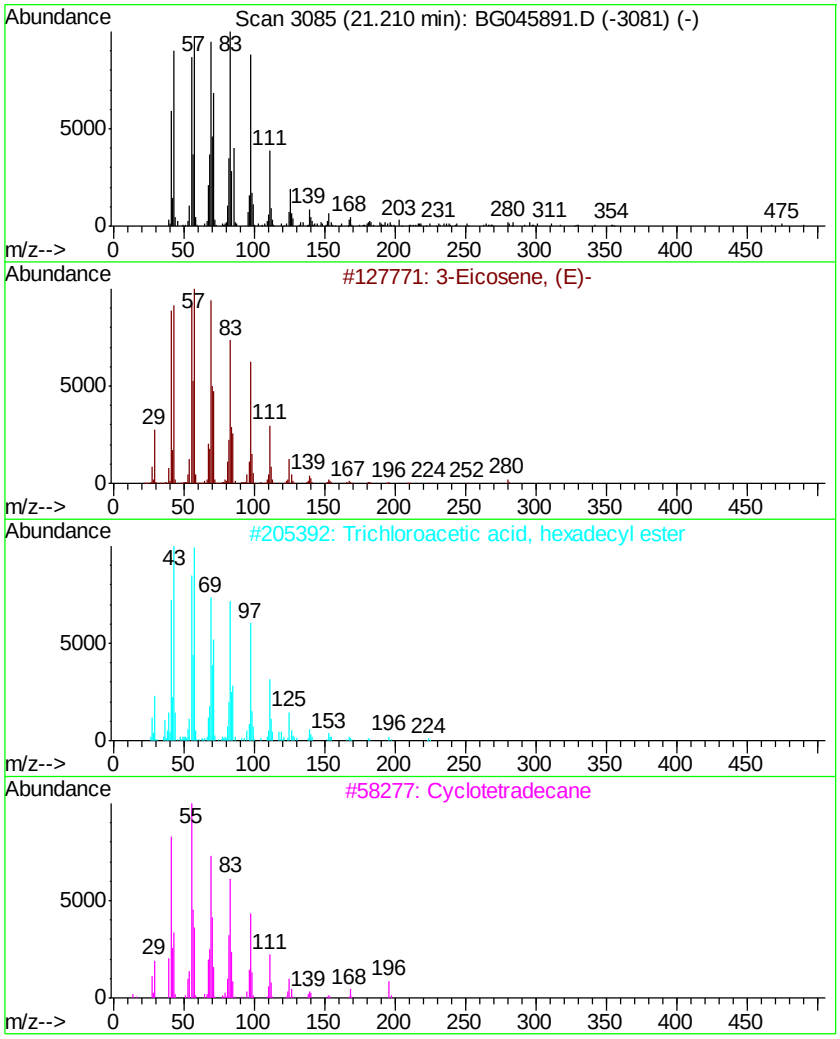
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

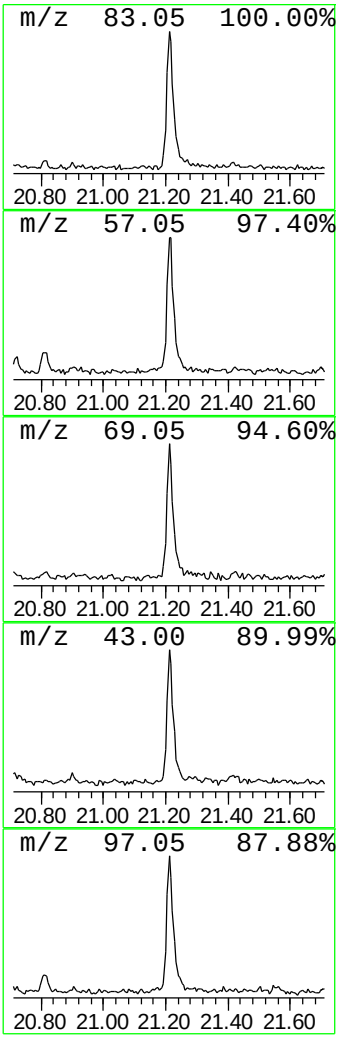
****

Peak Number 9 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	8.32 ng	332602	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Cyclotetradecane	196	C14H28	000295-17-0	86
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5	1-Heneicosanol	312	C21H44O	015594-90-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

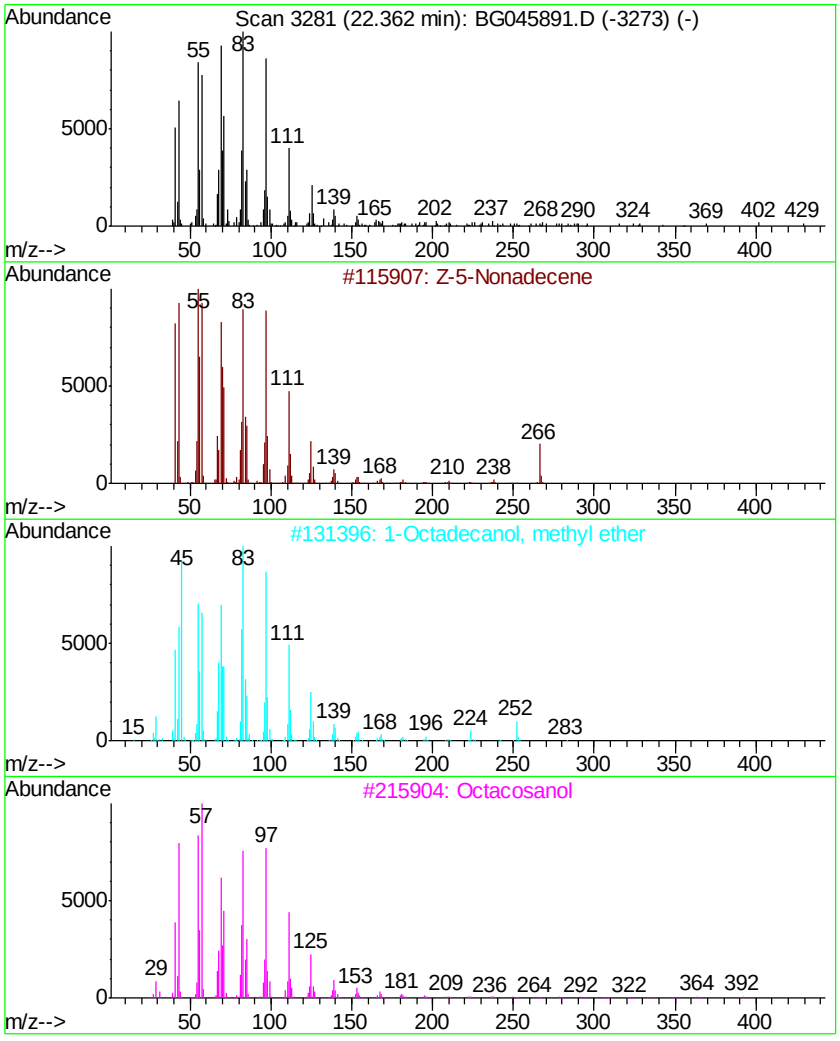
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

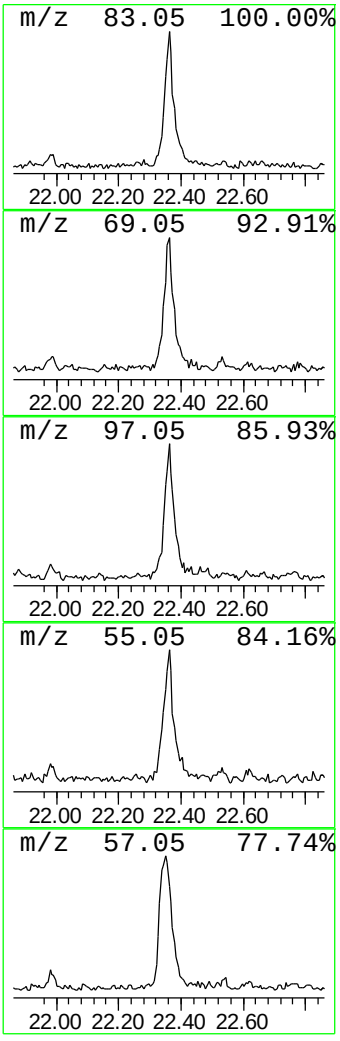
****

Peak Number 10 Z-5-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	10.09 ng	403756	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
2	1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	76
3	Octacosanol	410	C28H58O	000557-61-9	64
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	62
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	62





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Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

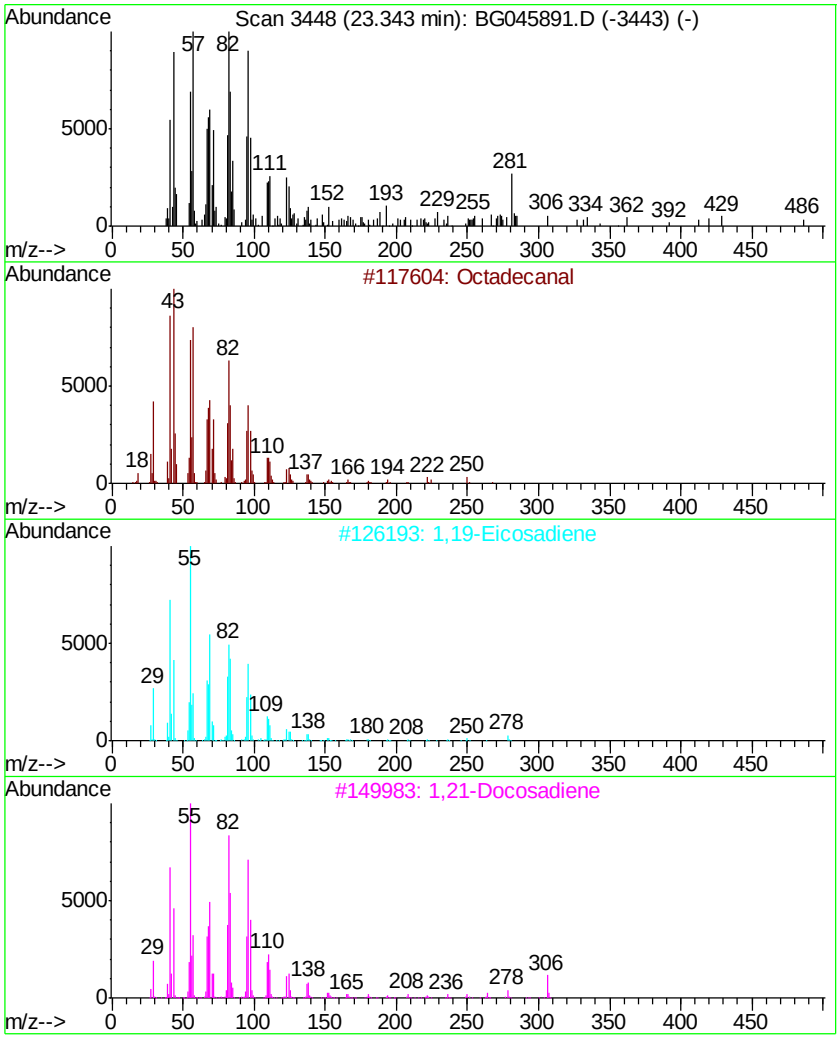
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

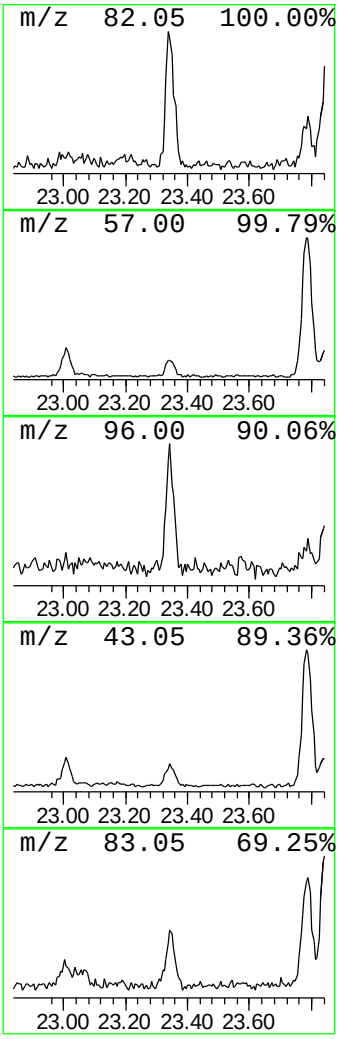
****

Peak Number 11 Octadecanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.72 ng	128312	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	99
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	1,21-Docosadiene	306	C22H42	053057-53-7	91
4	16-Heptadecenal	252	C17H32O	1000144-57-9	90
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	87





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Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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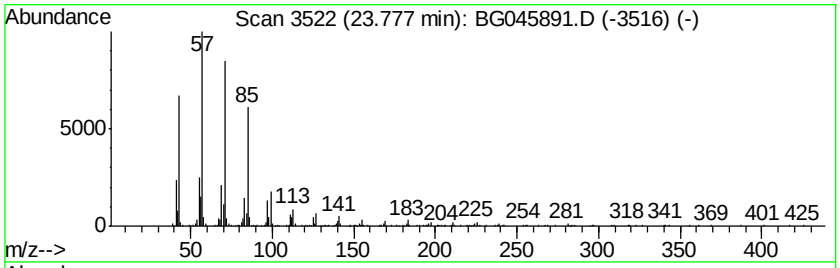
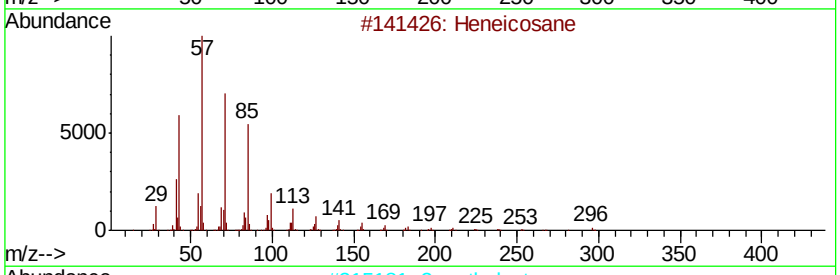
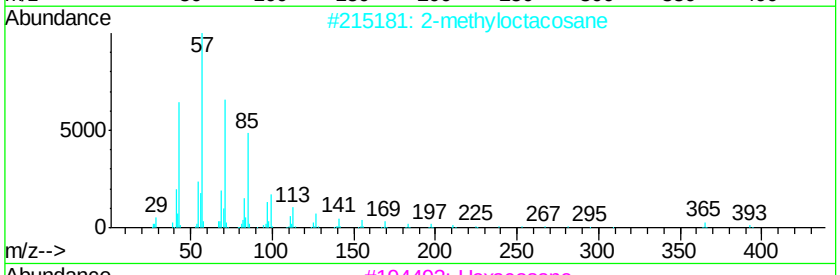
Peak Number 12 Heneicosane Concentration Rank 4

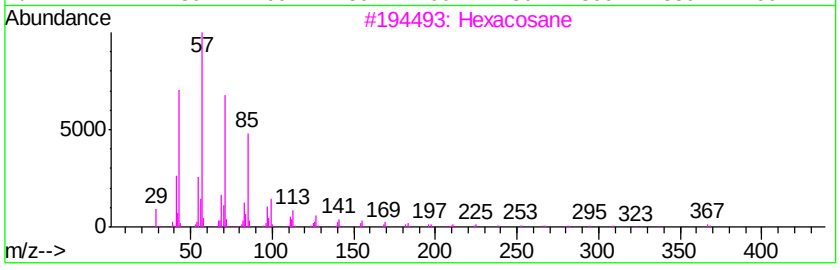
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	12.00 ng	566570	Perylene-d12	24.67

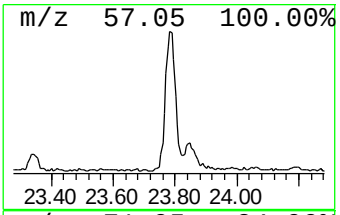
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87

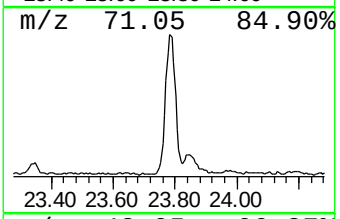


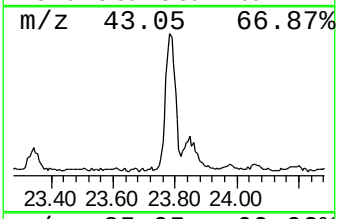


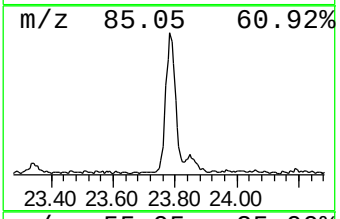


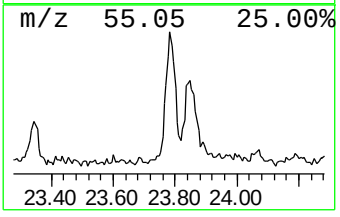












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Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

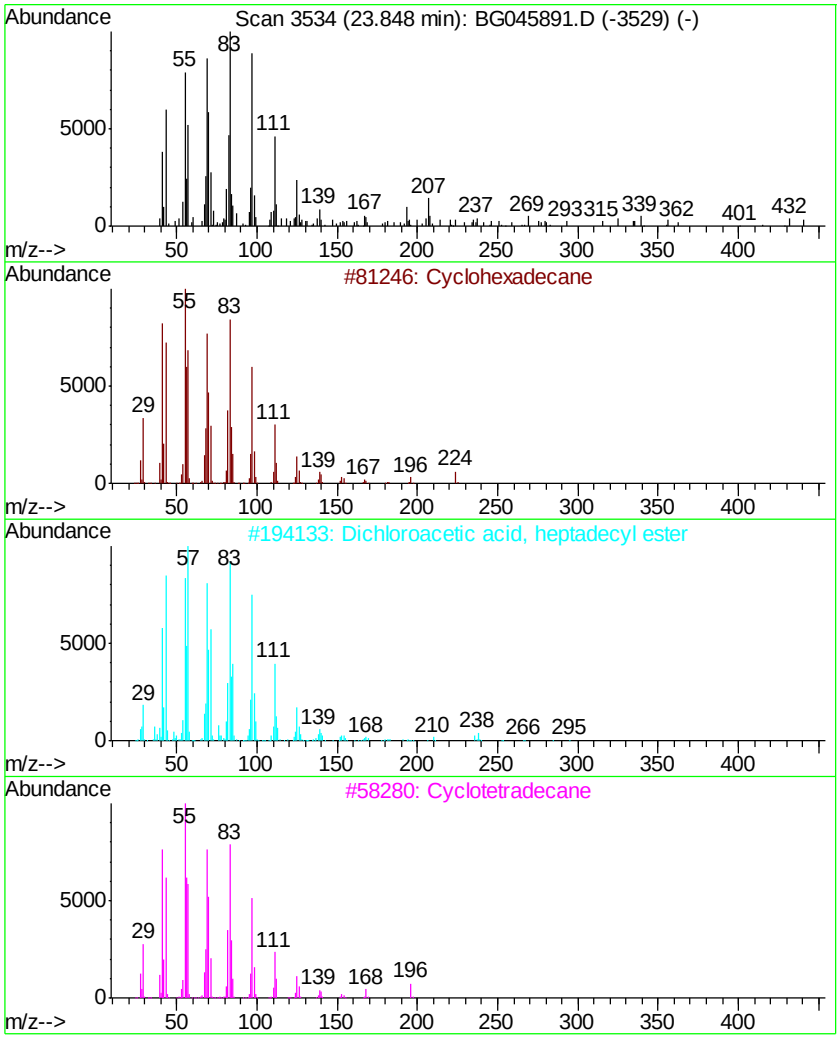
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

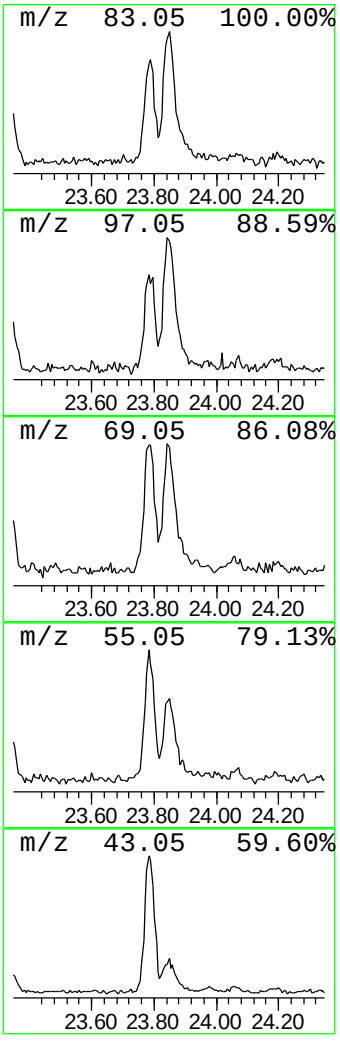
****

Peak Number 13 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	5.11 ng	241380	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86
3	Cyclotetradecane	196	C14H28	000295-17-0	64
4	1-Docosene	308	C22H44	001599-67-3	64
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	55





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Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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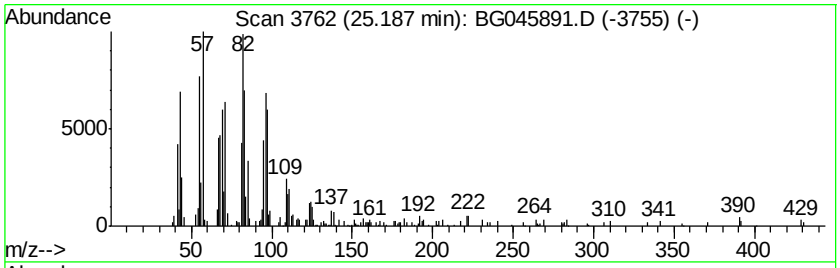
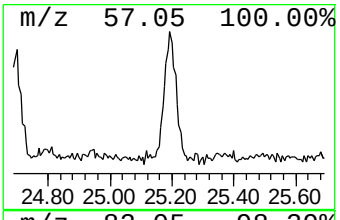
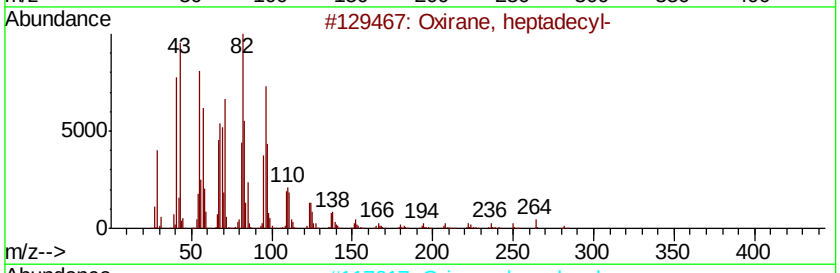
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 8

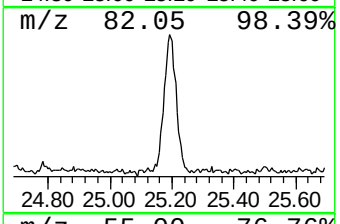
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.19	7.17 ng	338701	Perylene-d12	24.67

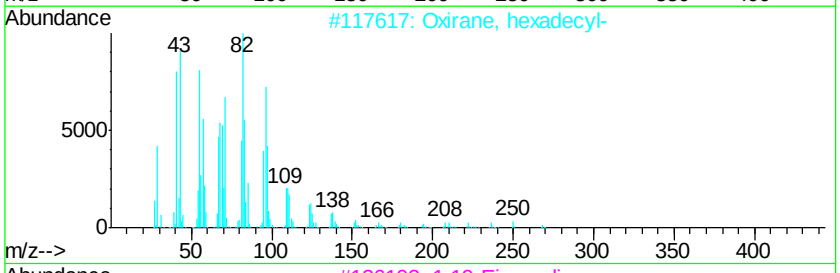
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3	1,19-Eicosadiene	278	C20H38	014811-95-1	72
4	Octadecanal	268	C18H36O	000638-66-4	72
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70

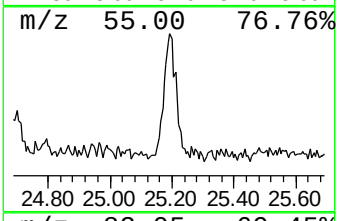


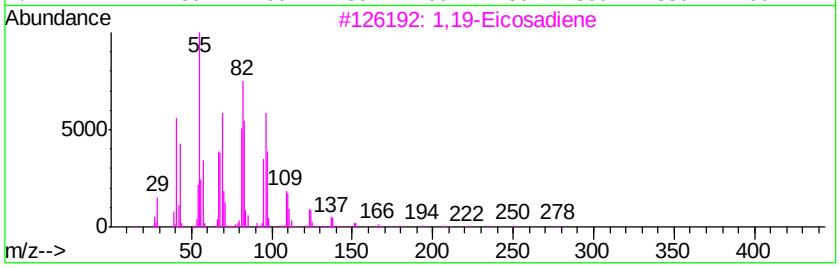


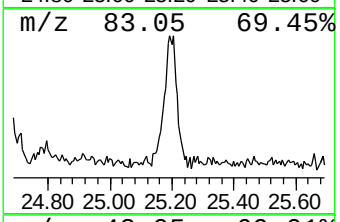


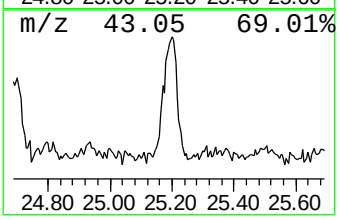












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Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

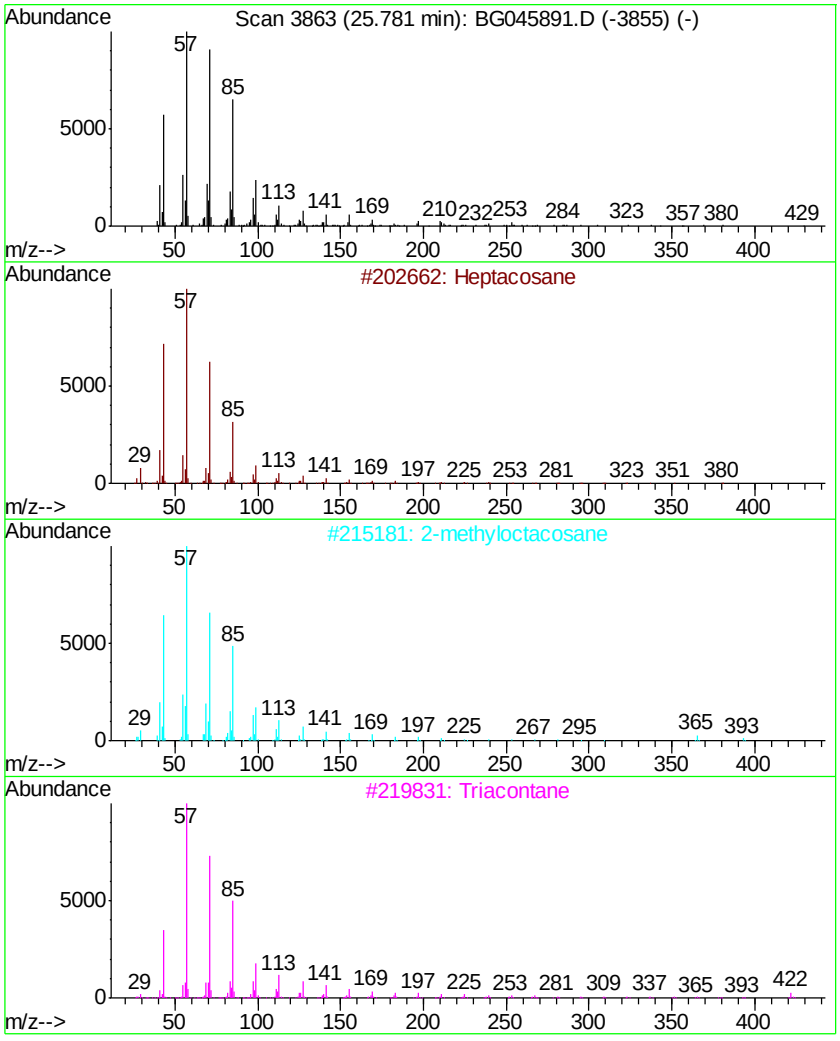
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

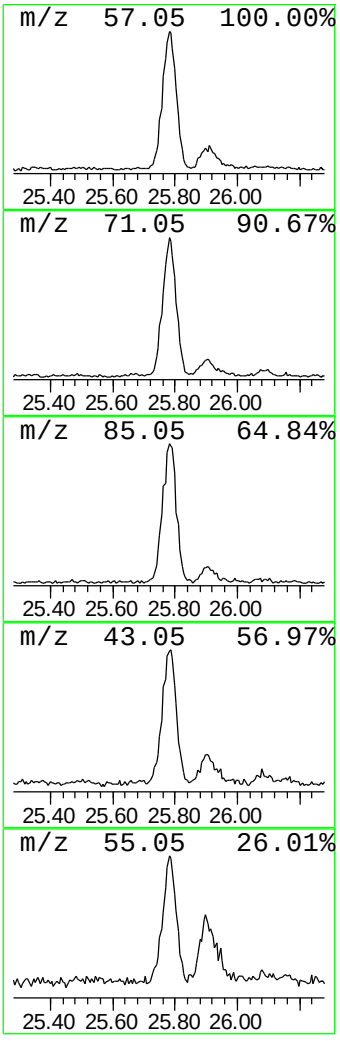
****

Peak Number 15 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	13.96 ng	659249	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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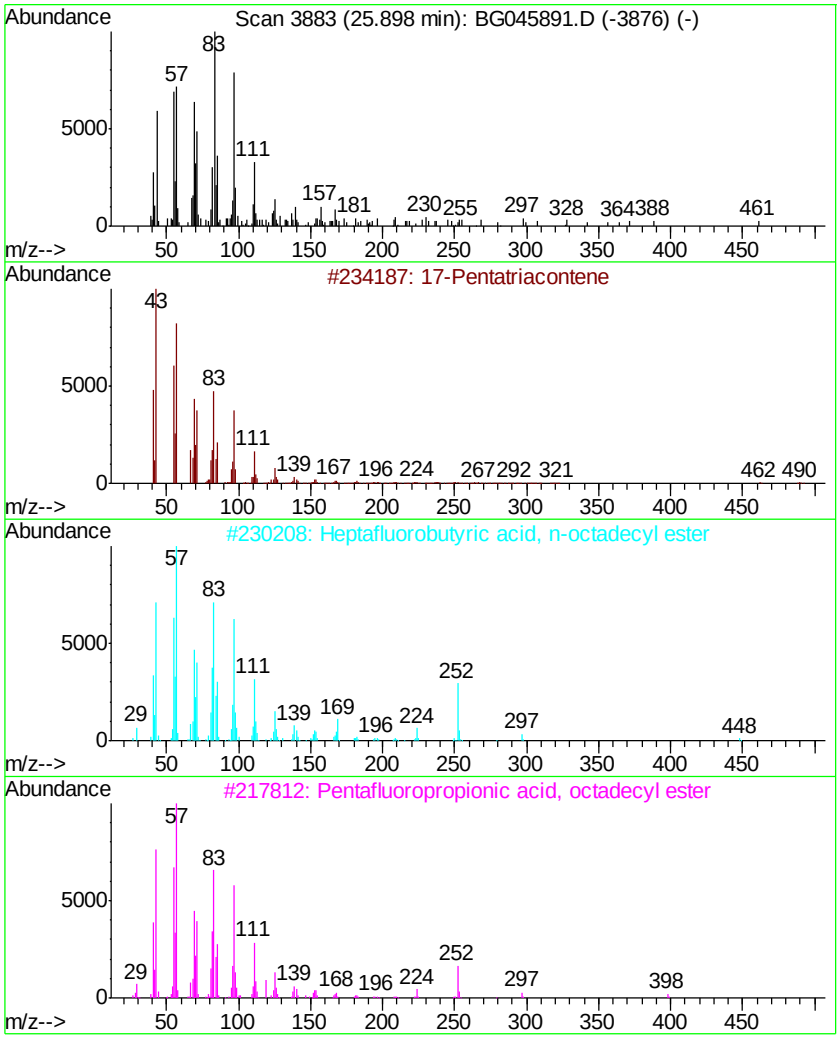
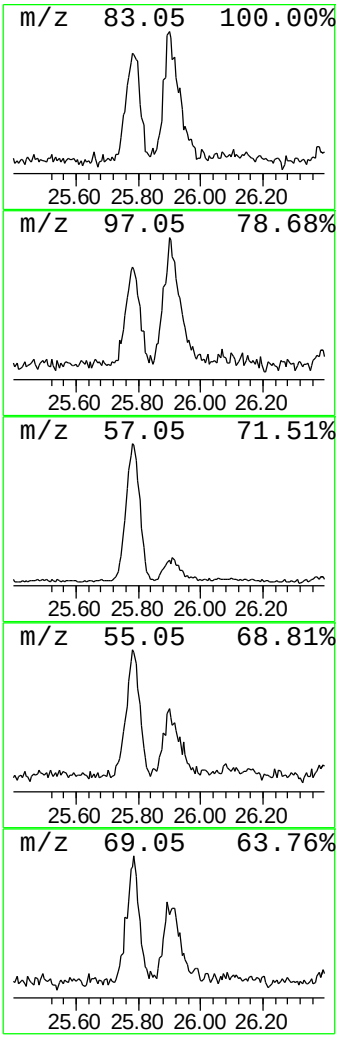
Peak Number 16 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	5.18 ng	244393	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
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Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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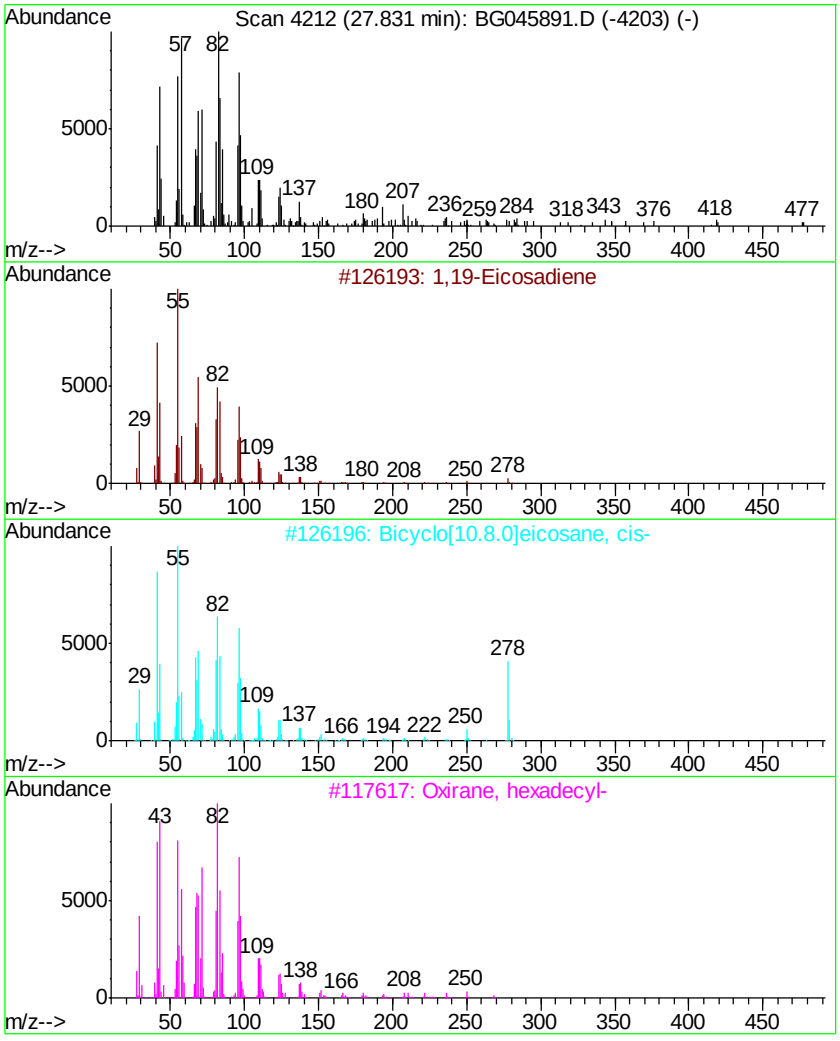
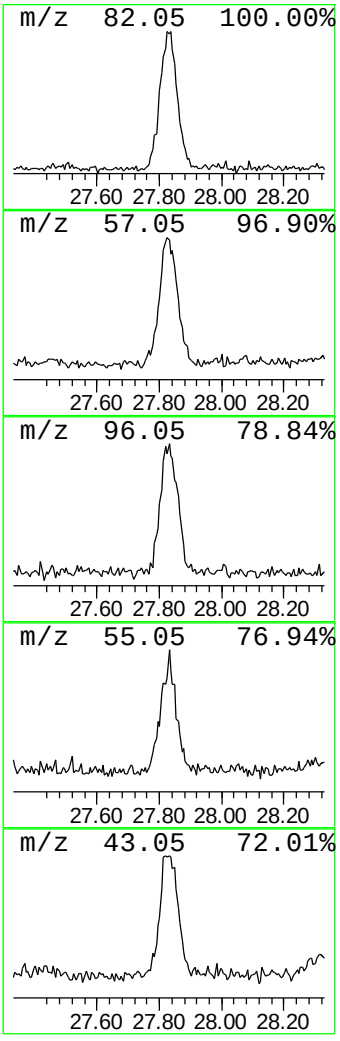
Peak Number 17 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.83	8.20 ng	387030	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	99
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	99
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
4	Octadecanal	268	C18H36O	000638-66-4	94
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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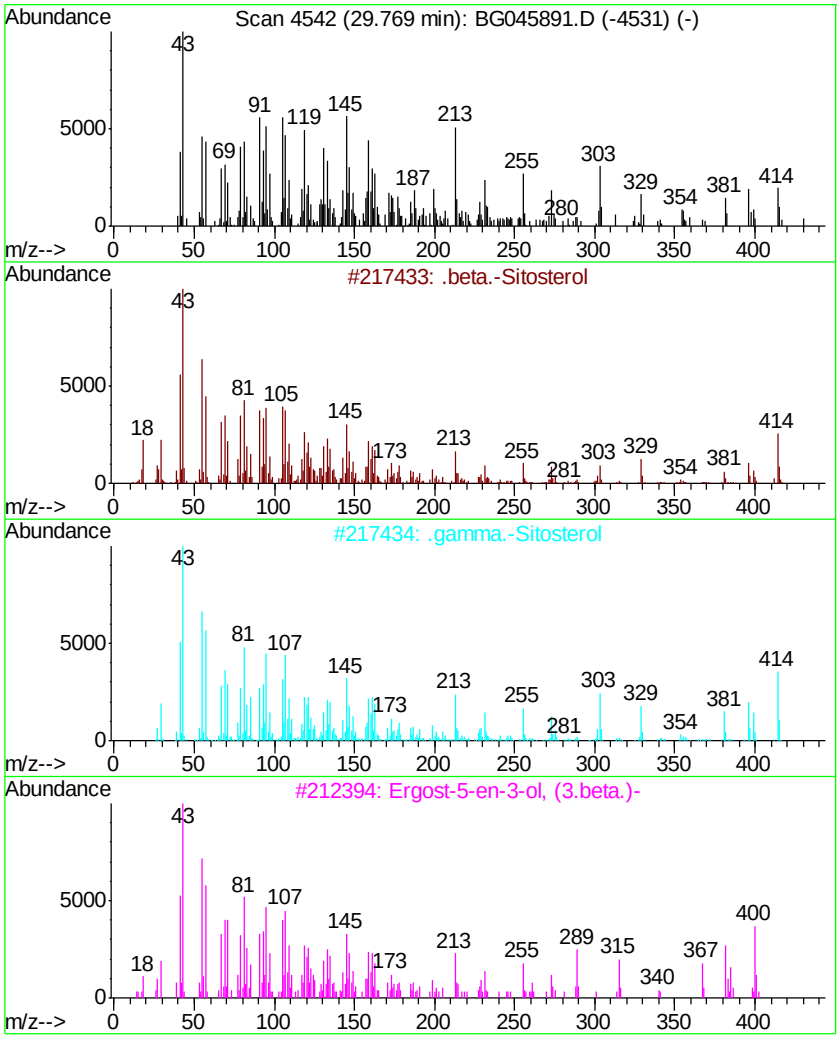
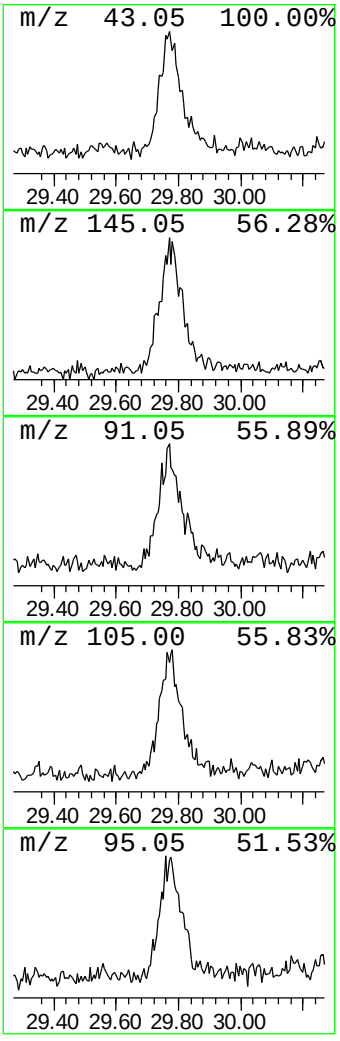
Peak Number 18 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.77	13.88 ng	655173	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	17
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	17
5	Campesterol	400	C28H48O	000474-62-4	16





Tentatively Identified Compound (LSC) summary

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Data File : BG045891.D
Acq On : 30 Jun 2020 19:26
Operator : CG/JU
Sample : L3153-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP2-B

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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
Bicyclo[3.1.1]hep...	6.58	3.4	ng	54926	1	7.89	319009	20.0
Ethanol, 2-(2-eth...	7.49	4.1	ng	65482	1	7.89	319009	20.0
2,4,7,9-Tetrameth...	13.45	3.1	ng	100645	3	14.55	658848	20.0
Bicyclo[7.2.0]und...	13.87	3.6	ng	117443	3	14.55	658848	20.0
p,p'-DDE	19.82	3.5	ng	140397	5	21.56	800004	20.0
2-Phenanthrenol, ...	20.56	2.9	ng	114141	5	21.56	800004	20.0
Cinnamyl cinnamate	21.03	6.5	ng	260235	5	21.56	800004	20.0
3-Eicosene, (E)-	21.21	8.3	ng	332602	5	21.56	800004	20.0
Z-5-Nonadecene	22.36	10.1	ng	403756	5	21.56	800004	20.0
Octadecanal	23.34	2.7	ng	128312	6	24.67	944306	20.0
Heneicosane	23.78	12.0	ng	566570	6	24.67	944306	20.0
Cyclohexadecane	23.85	5.1	ng	241380	6	24.67	944306	20.0
Oxirane, heptadecyl-	25.19	7.2	ng	338701	6	24.67	944306	20.0
Heptacosane	25.78	14.0	ng	659249	6	24.67	944306	20.0
17-Pentatriacontene	25.90	5.2	ng	244393	6	24.67	944306	20.0
1,19-Eicosadiene	27.83	8.2	ng	387030	6	24.67	944306	20.0
.beta.-Sitosterol	29.77	13.9	ng	655173	6	24.67	944306	20.0