LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

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-BG042319.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	3.153	6	11	20	rBV	113782	209626	7.11%	0.559%
2	3.229	20	24	31	rVB	187356	243408	8.25%	0.649%
3	5.209	354	361	366	rBV3	24762	43209	1.46%	0.115%
4	5.674	433	440	450	rBV	893236	1385138	46.95%	3.693%
5	6.796	625	631	638	rVB2	63350	103448	3.51%	0.276%
6	7.283	705	714	725	rBV	962958	1696957	57.52%	4.525%
7	7.565	756	762	768	rBV2	61638	99285	3.37%	0.265%
8	7.665	770	779	788	rBV	941769	1596420	54.11%	4.257%
9	8.141	854	860	869	rBV	238324	412999	14.00%	1.101%
10	8.464	907	915	924	rBV	666773	1161750	39.38%	3.098%
11	9.316	1053	1060	1068	rBV	606430	1095716	37.14%	2.922%
12	10.967	1331	1341	1351	rBV	328518	617861	20.94%	1.647%
13	13.394	1746	1754	1761	rBV	1454951	2243888	76.05%	5.983%
14	14.081	1866	1871	1876	rBV4	35004	55289	1.87%	0.147%
15	14.211	1888	1893	1900	rBV	290430	406429	13.78%	1.084%
16	14.287	1900	1906	1919	rVB	27175	56504	1.92%	0.151%
17	14.710	1972	1978	1982	rBV3	45939	70797	2.40%	0.189%
18	14.769	1982	1988	1996	rBV2	556539	911005	30.88%	2.429%
19	14.998	2023	2027	2033	rBV3	34270	50227	1.70%	0.134%
20	16.255	2234	2241	2248	rBV	1366193	2023162	68.57%	5.395%
21	16.966	2357	2362	2367	rBV3	14841	32399	1.10%	0.086%
22	17.513	2449	2455	2461	rBV	739438	1132191	38.37%	3.019%
23	18.365	2595	2600	2613	rBV	295701	457011	15.49%	1.219%
24	18.664	2646	2651	2656	rBV4	65343	103983	3.52%	0.277%
25	19.011	2706	2710	2716	rVB5	23631	37372	1.27%	0.100%
26	19.487	2788	2791	2793	rBV3	28601	38680	1.31%	0.103%
27	19.516	2793	2796	2810	rVB5	46478	132544	4.49%	0.353%
28	19.628	2811	2815	2821	rBV	160120	247046	8.37%	0.659%
29	19.681	2821	2824	2829	rVB2	44799	64433	2.18%	0.172%
30	19.969	2869	2873	2879	rVB2	56599	71488	2.42%	0.191%
31	20.110	2891	2897	2903	rBV	2239831	2950372	100.00%	7.867%
32	20.356	2934	2939	2942	rBV6	82059	156713	5.31%	0.418%
33	20.550	2968	2972	2976	rBV7	51741	69076	2.34%	0.184%
34	20.703	2992	2998	2999	rBV6	21706	41609	1.41%	0.111%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

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-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.862	3017	3025	3041	rBV2	844255	1467311	49.73%	3.912%
36	20.991	3043	3047	3055	rVB10	57701	109593	3.71%	0.292%
37	21.255	3087	3092	3100	rBV9	87983	154174	5.23%	0.411%
38	21.396	3110	3116	3130	rBV3	201012	544954	18.47%	1.453%
39	21.796	3177	3184	3192	rVB2	683749	1202708	40.76%	3.207%
40	21.949	3205	3210	3215	rVB5	36152	73051	2.48%	0.195%
41	22.148	3240	3244	3251	rBV8	51301	91229	3.09%	0.243%
42	22.213	3251	3255	3260	rVB5	52709	85944	2.91%	0.229%
43	22.577	3311	3317	3321	rBV	164137	277700	9.41%	0.740%
44	22.624	3321	3325	3338	rVB2	197324	528199	17.90%	1.408%
45	23.288	3432	3438	3446	rVB2	114616	243972	8.27%	0.651%
46	23.494	3469	3473	3482	rVB2	37173	70927	2.40%	0.189%
47	23.670	3496	3503	3511	rVB2	507332	1013772	34.36%	2.703%
48	24.134	3574	3582	3590	rBV	853153	1907152	64.64%	5.085%
49	24.217	3590	3596	3613	rVV	414494	1317668	44.66%	3.513%
50	24.581	3655	3658	3668	rVB8	36491	77424	2.62%	0.206%
51	25.157	3741	3756	3766	rBV2	375171	1277175	43.29%	3.405%
52	25.679	3835	3845	3857	rBV2	596522	1708859	57.92%	4.556%
53	26.308	3941	3952	3964	rVB3	268560	872980	29.59%	2.328%
54	26.455	3966	3977	3995	rBV3	369452	1638895	55.55%	4.370%
55	27.712	4185	4191	4192	rBV6	18241	30884	1.05%	0.082%
56	28.570	4323	4337	4352	rBV3	455476	1832313	62.10%	4.886%
57	29.722	4526	4533	4547	rBV9	47580	182237	6.18%	0.486%
58	30.703	4689	4700	4702	rBV6	91028	245045	8.31%	0.653%
59	31.990	4906	4919	4937	rBV8	94888	531709	18.02%	1.418%

Sum of corrected areas: 37503910

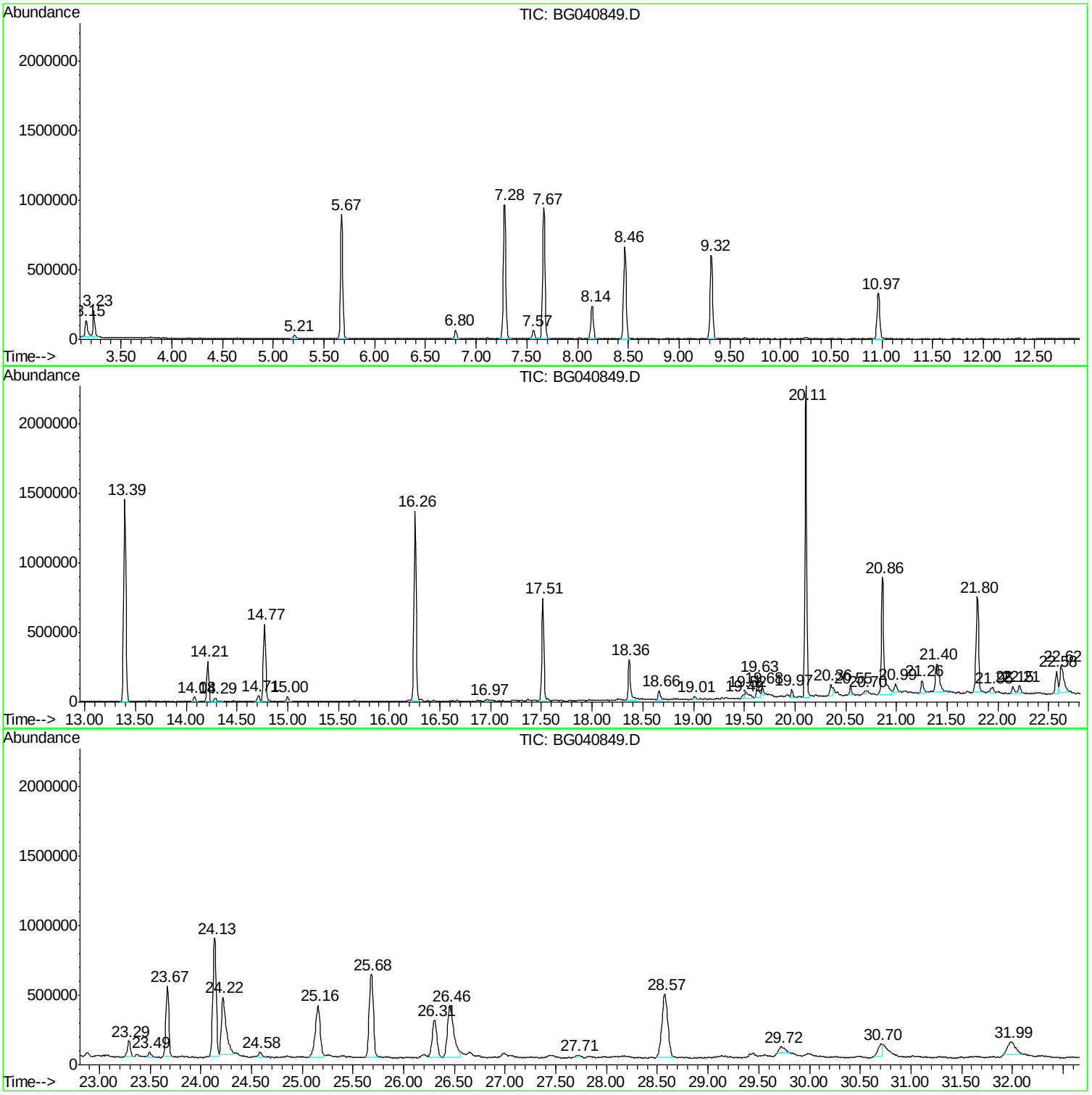
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

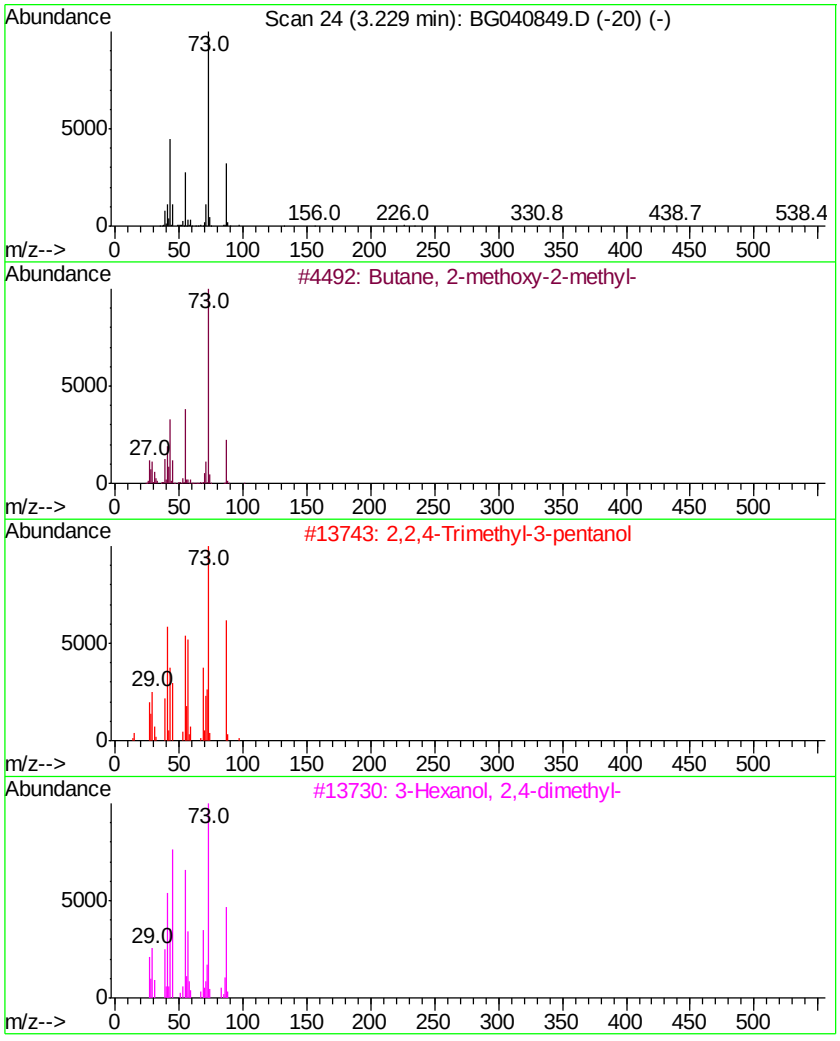
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

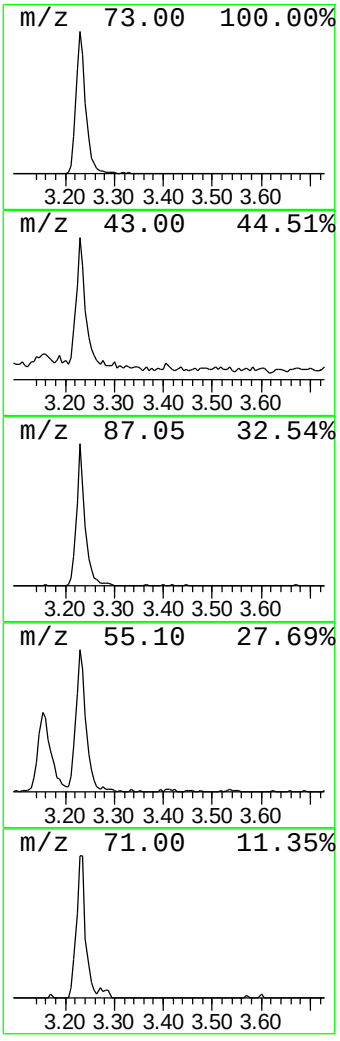
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	11.79 ng	243408	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	28
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

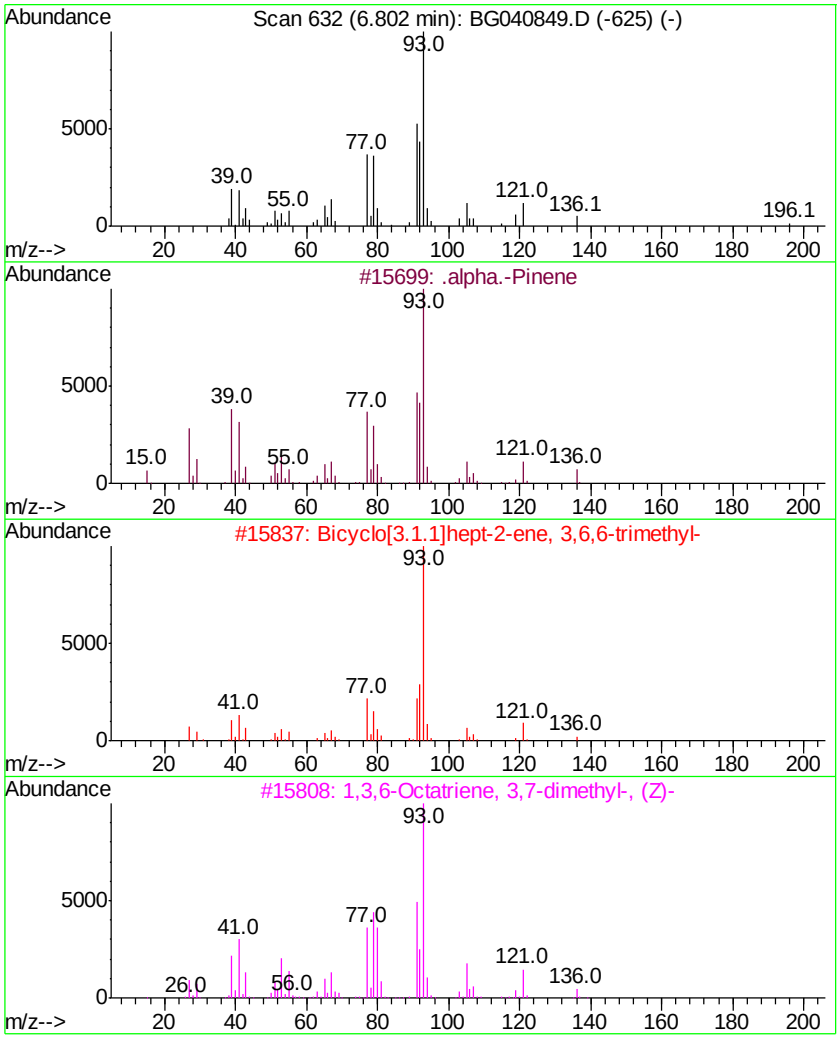
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

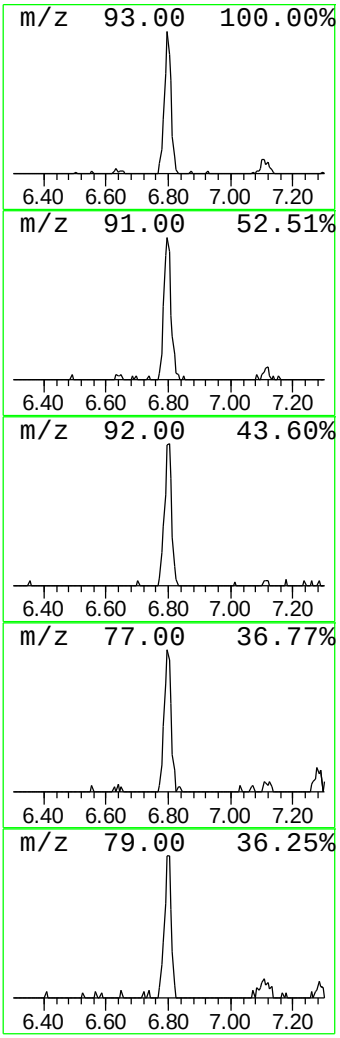
****

Peak Number 3 .alpha.-Pinene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.01 ng	103448	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	93
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	3-Carene	136	C10H16	013466-78-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

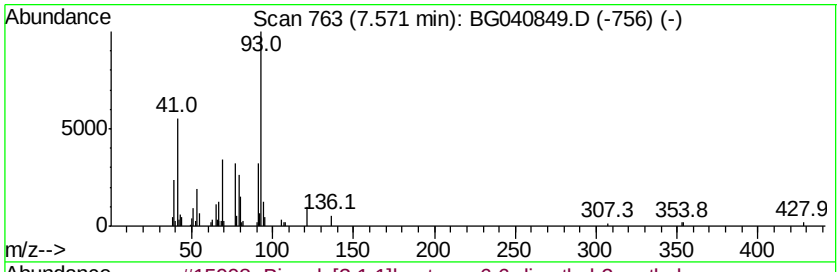
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

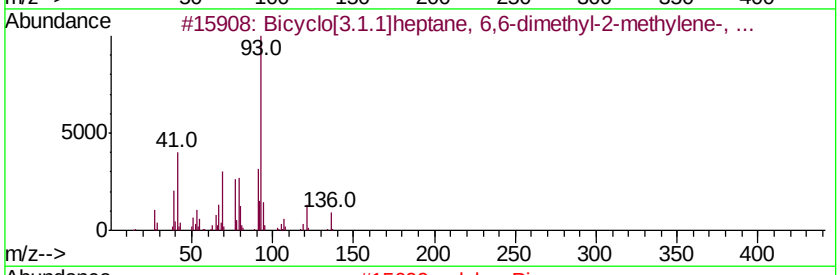
****

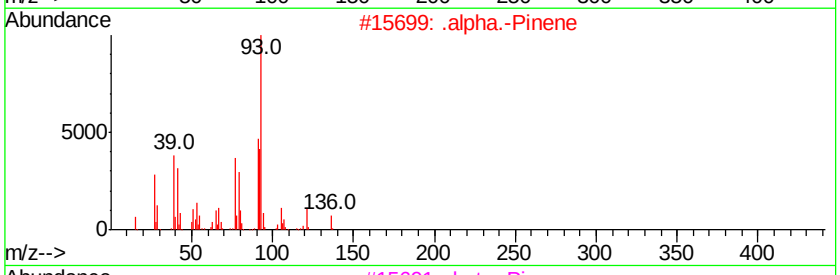
Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 18

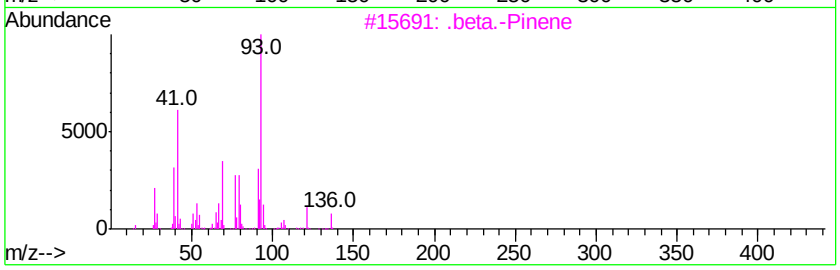
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	4.81 ng	99285	1,4-Dichlorobenzene-d4	8.14

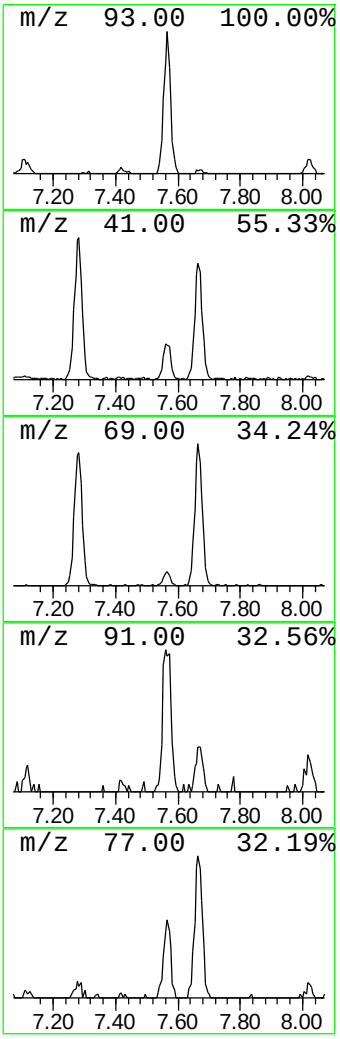
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	(+)-3-Carene	136	C10H16	000498-15-7	86
5	3-Carene	136	C10H16	013466-78-9	86











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

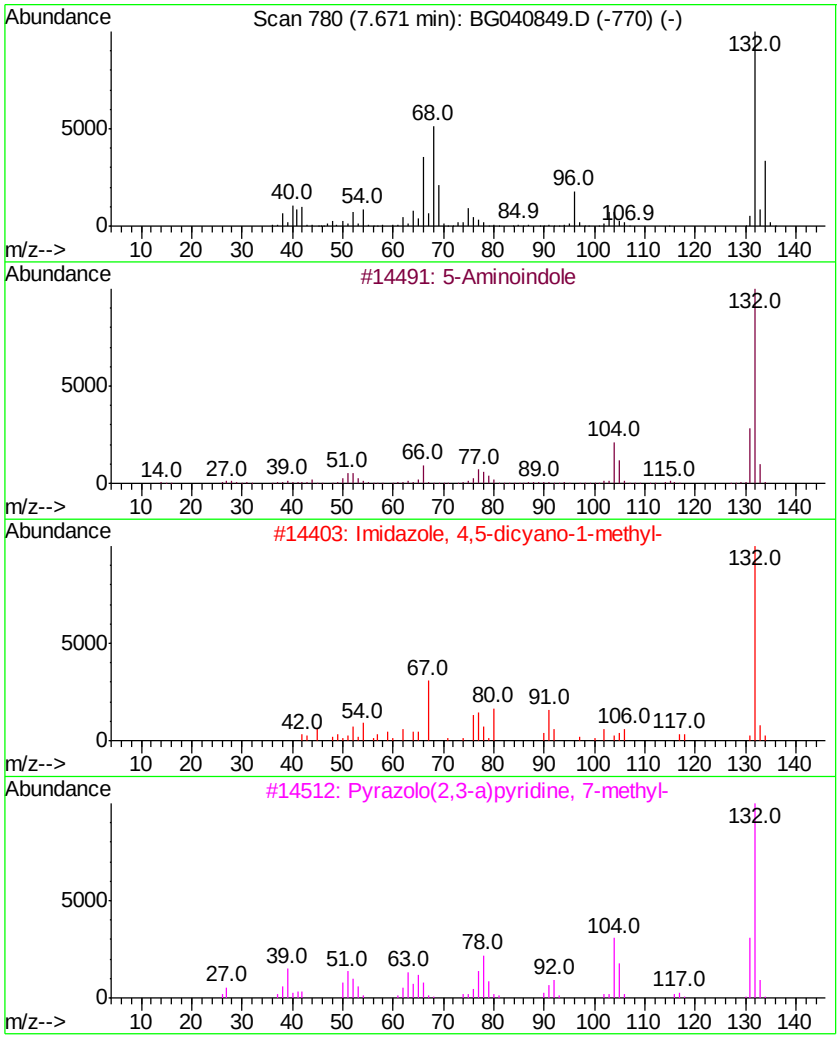
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

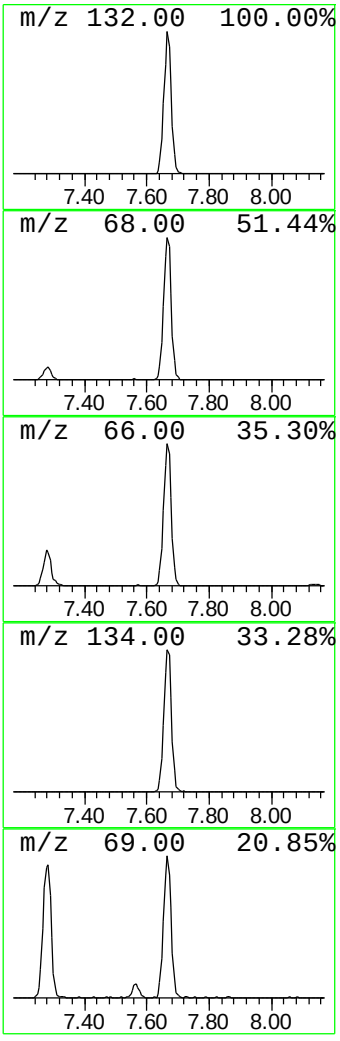
****

Peak Number 5 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	77.31 ng	1596420	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

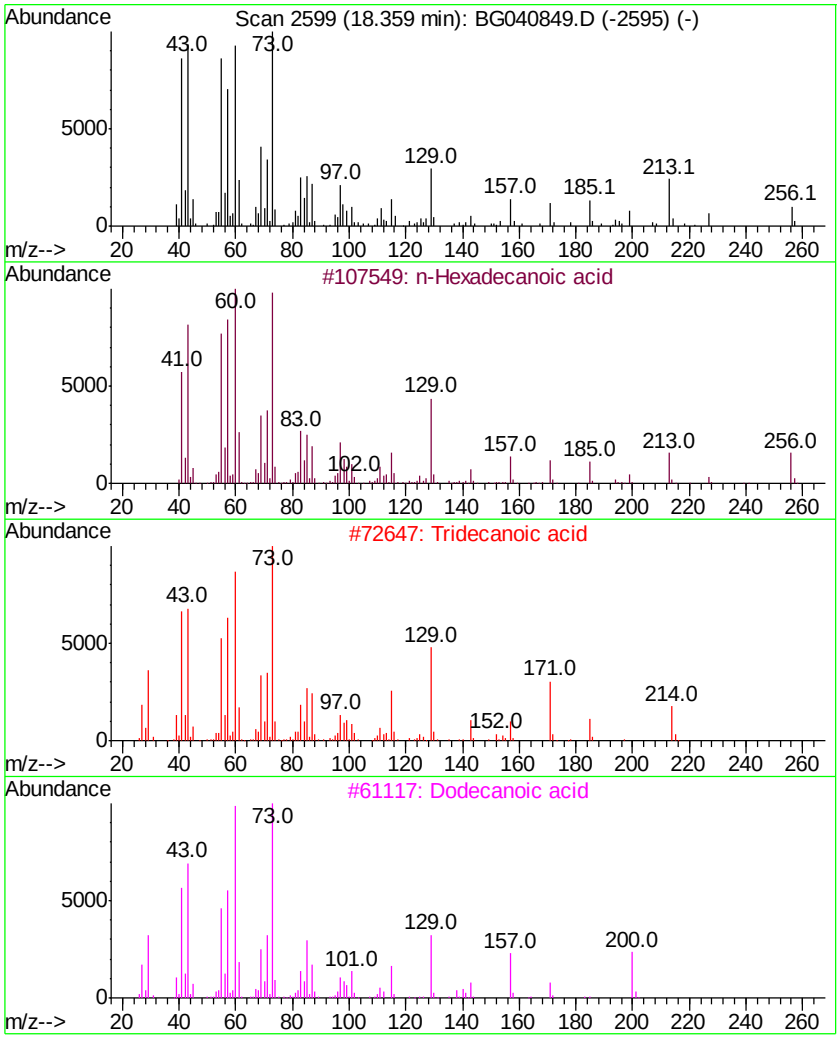
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

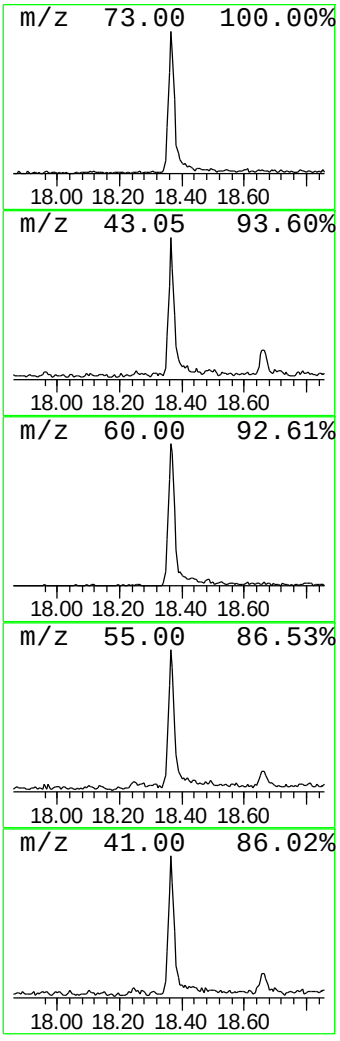
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	8.07 ng	457011	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

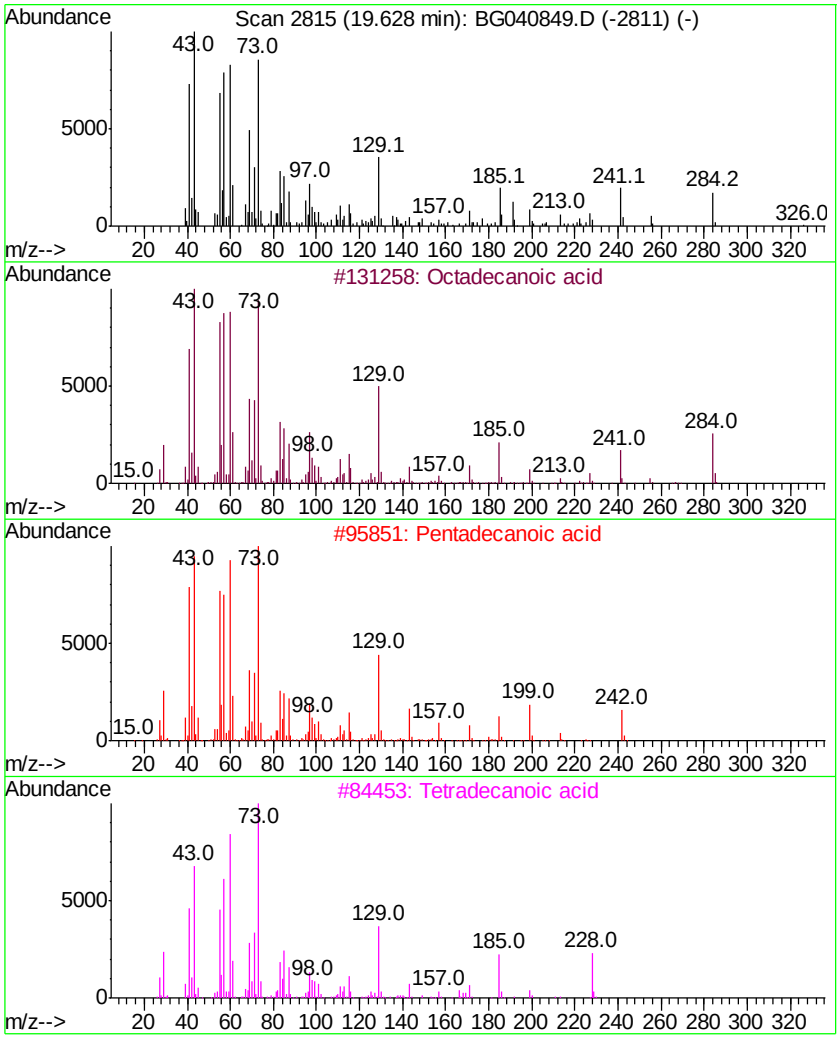
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

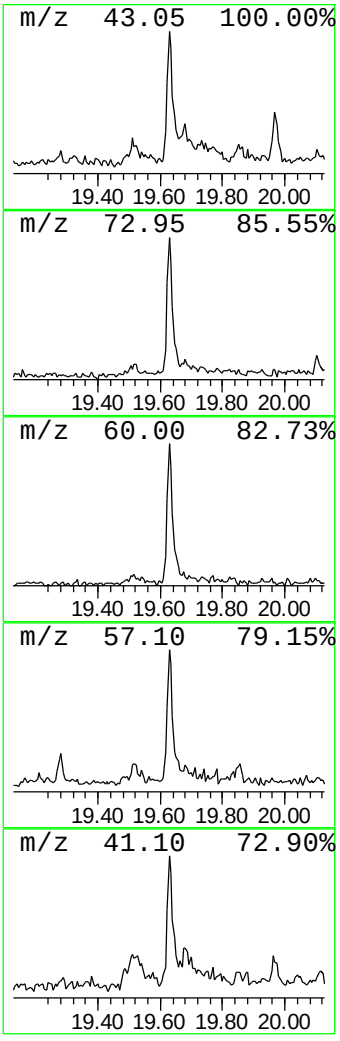
****

Peak Number 8 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	4.36 ng	247046	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

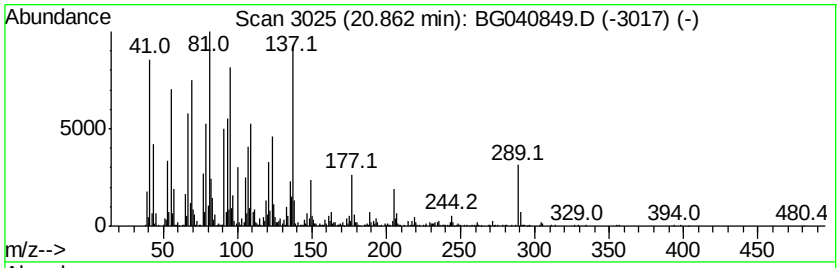
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

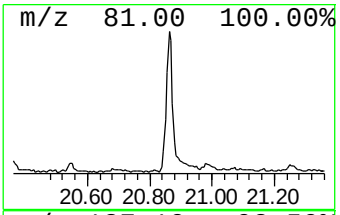
****

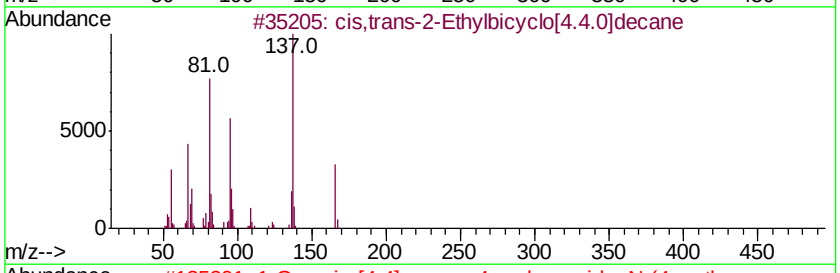
Peak Number 9 cis,trans-2-Ethylbicyclo[4.... Concentration Rank 7

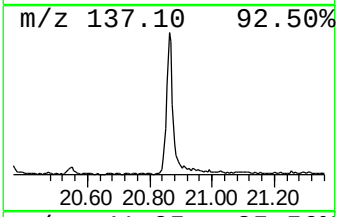
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	24.40 ng	1467310	Chrysene-d12	21.80

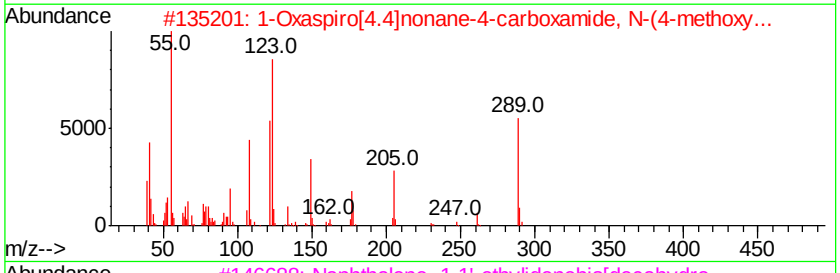
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	50
2	1-Oxaspiro[4.4]nonane-4-carboxam...	289	C16H19NO4	1000319-96-8	43
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	38
4	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38
5	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	38

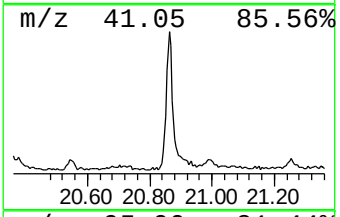


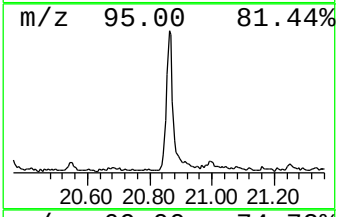


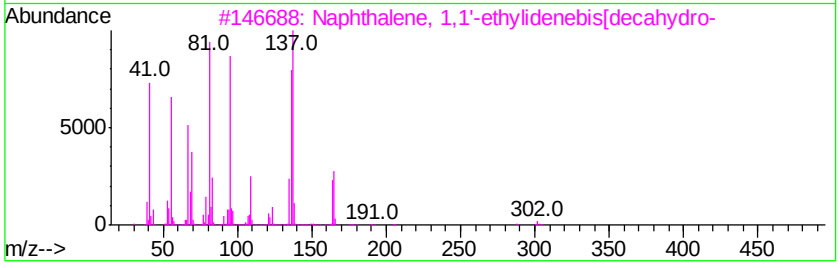


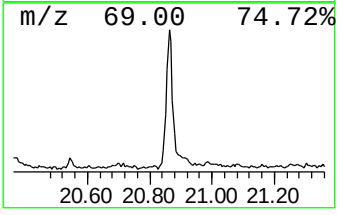












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Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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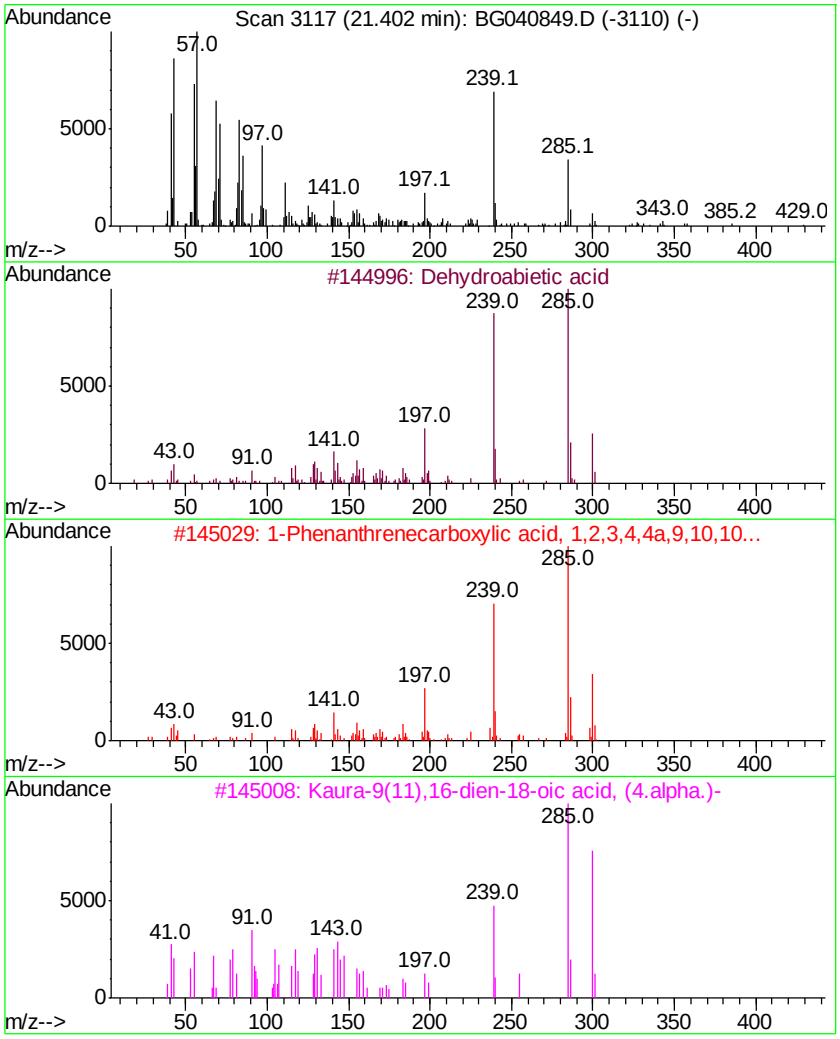
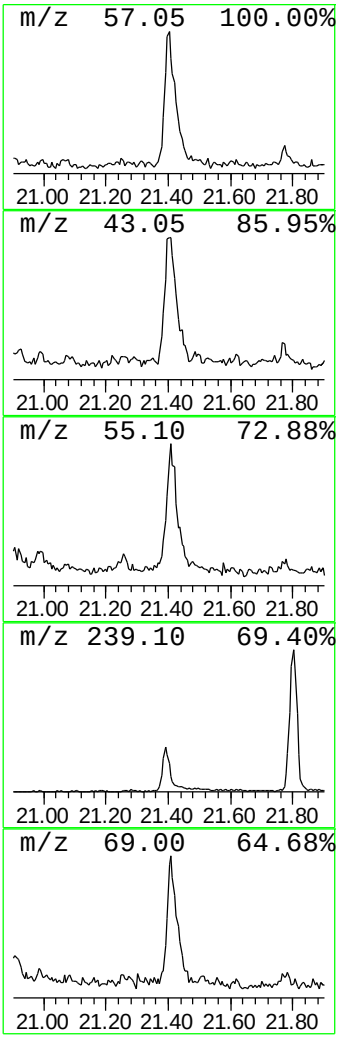
Peak Number 10 Dehydroabietic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	9.06 ng	544954	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
3	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	64
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
5	Fumaric acid, di(2-decyl) ester	396	C24H44O4	1000348-60-1	46





Library Search Compound Report

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ClientSampleId : P021-SS003-0002-01

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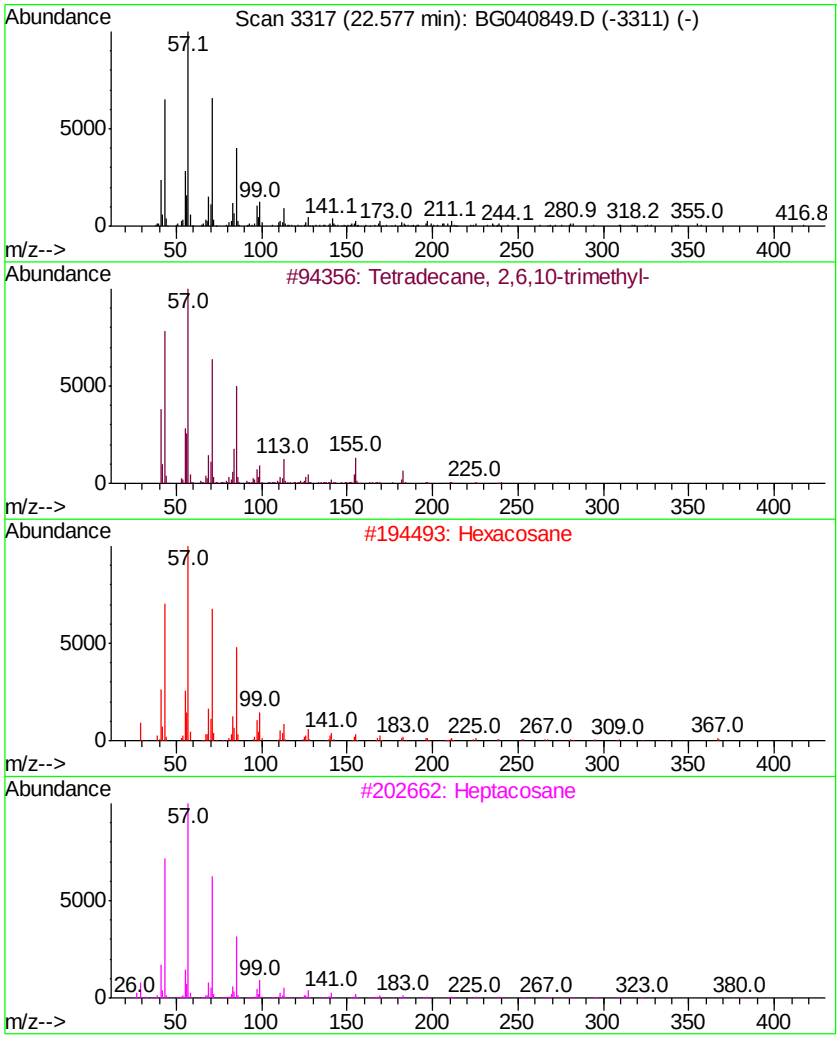
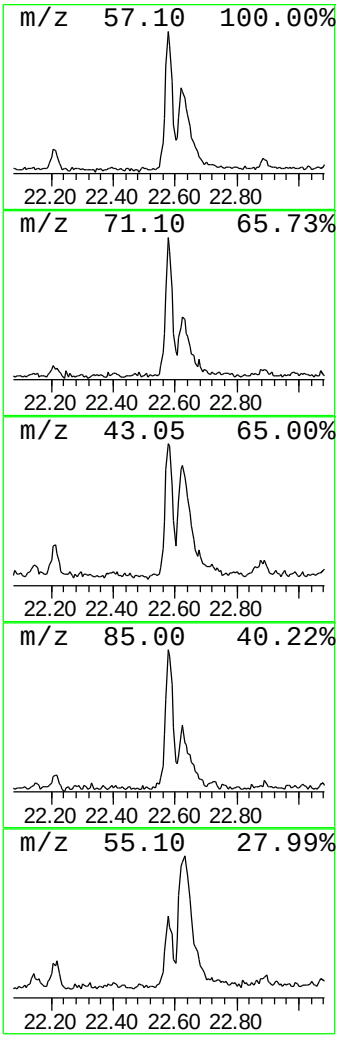
Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	4.62 ng	277700	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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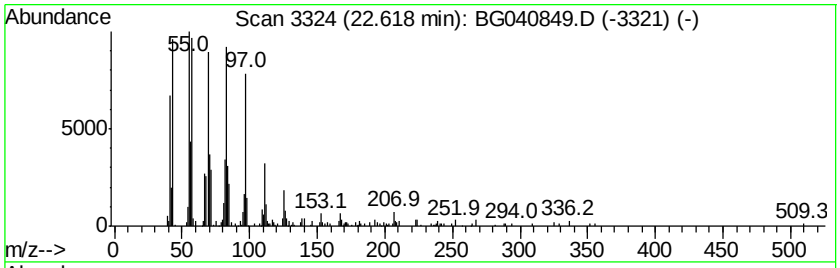
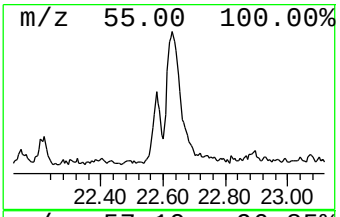
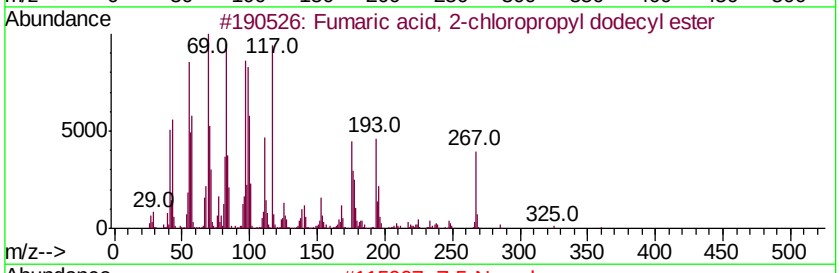
Peak Number 12 Fumaric acid, 2-chloropropy... Concentration Rank 14

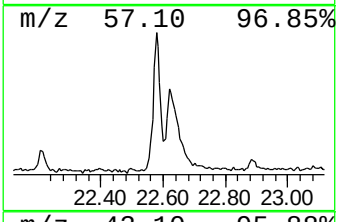
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	8.78 ng	528199	Chrysene-d12	21.80

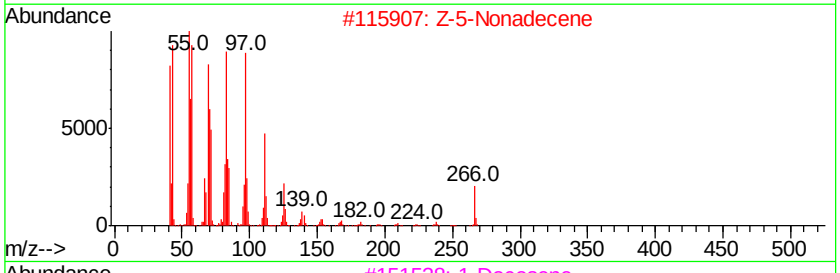
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	91
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
3	1-Docosene	308	C22H44	001599-67-3	89
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87
5	1-Nonadecene	266	C19H38	018435-45-5	83

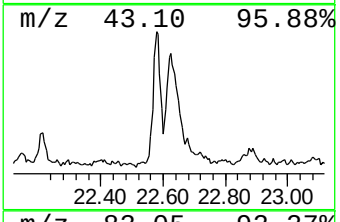


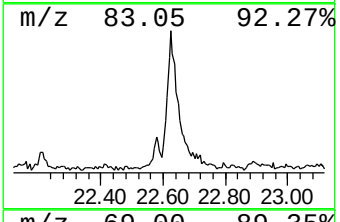


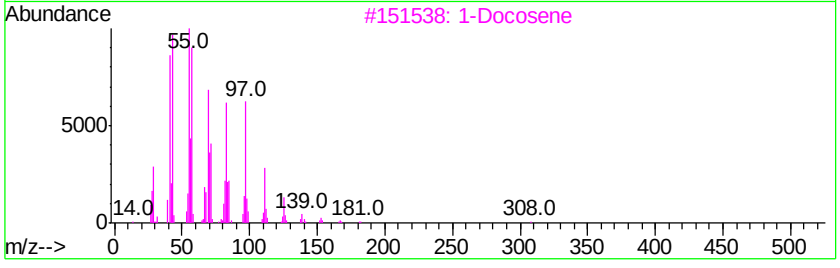


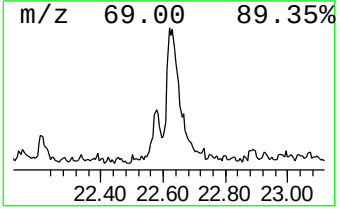












Library Search Compound Report

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Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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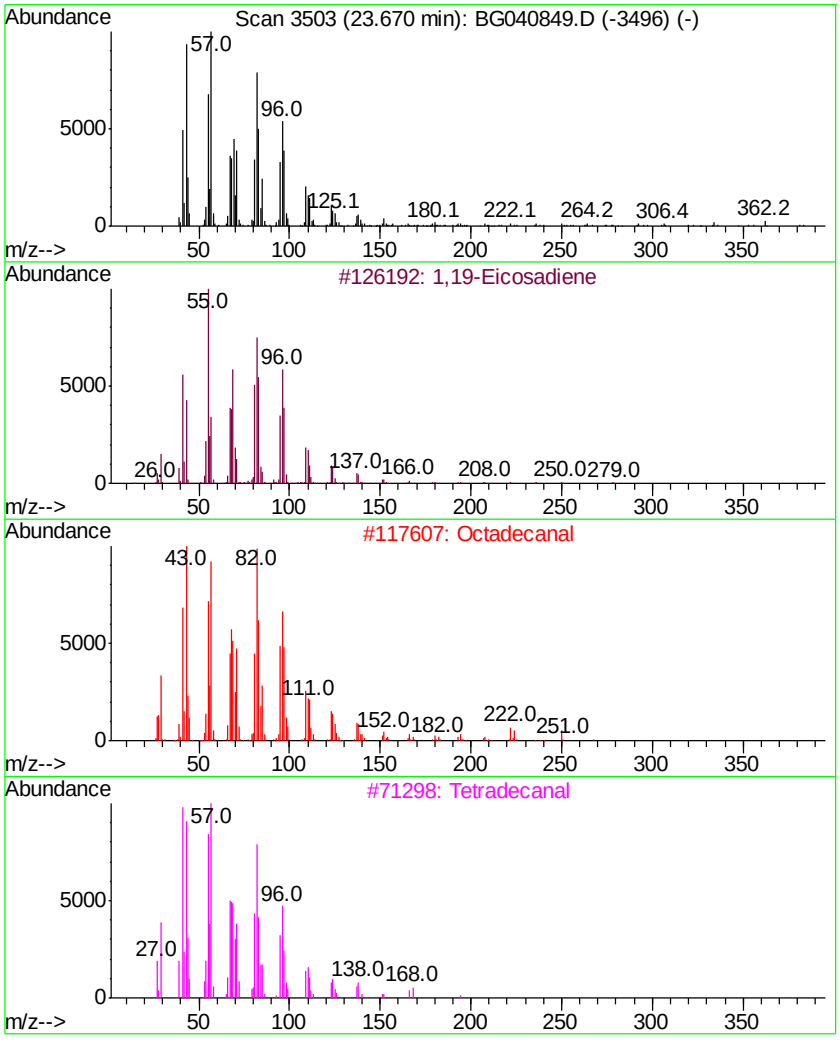
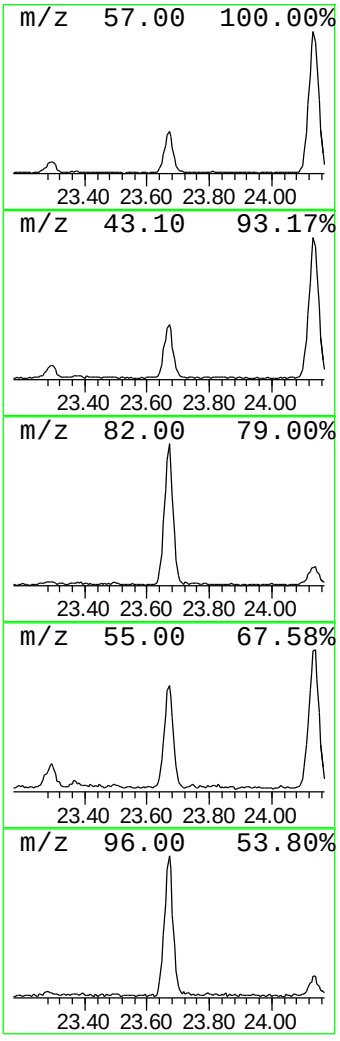
Peak Number 13 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	15.88 ng	1013770	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetradecanal	212	C14H28O	000124-25-4	86
4	12-Octadecenal	266	C18H34O	056554-91-7	86
5	13-Octadecenal	266	C18H34O	056554-90-6	86





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ClientSampleId : P021-SS003-0002-01

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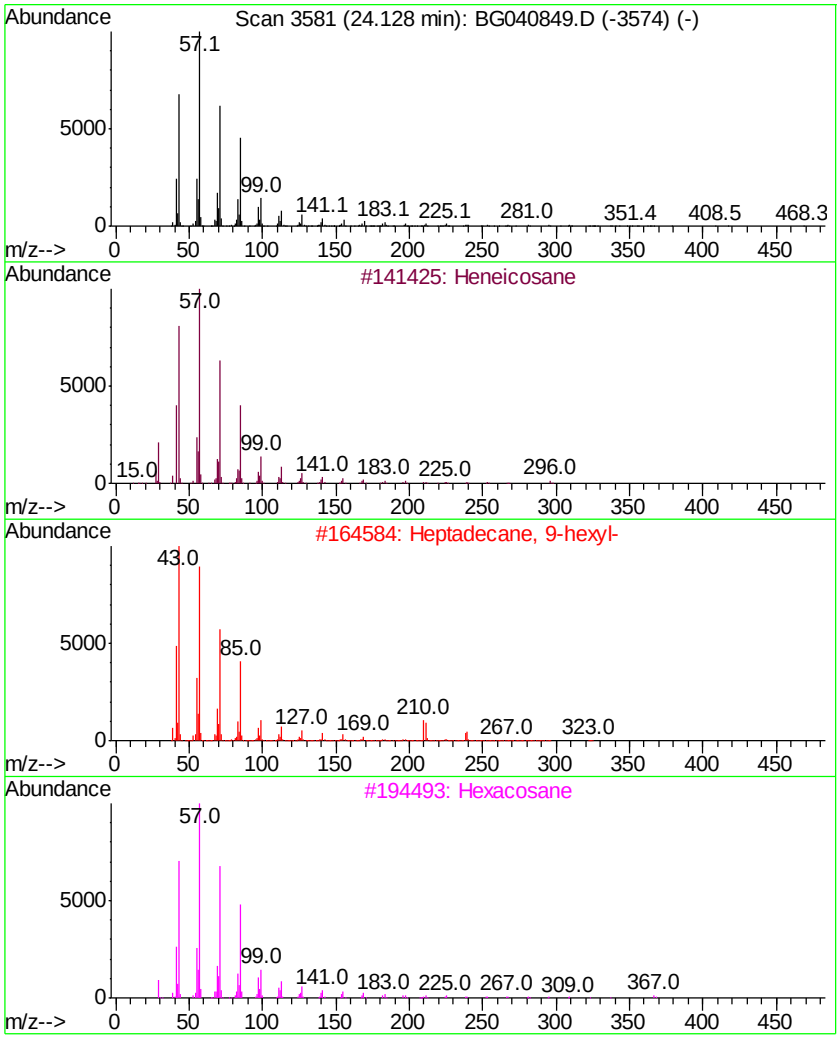
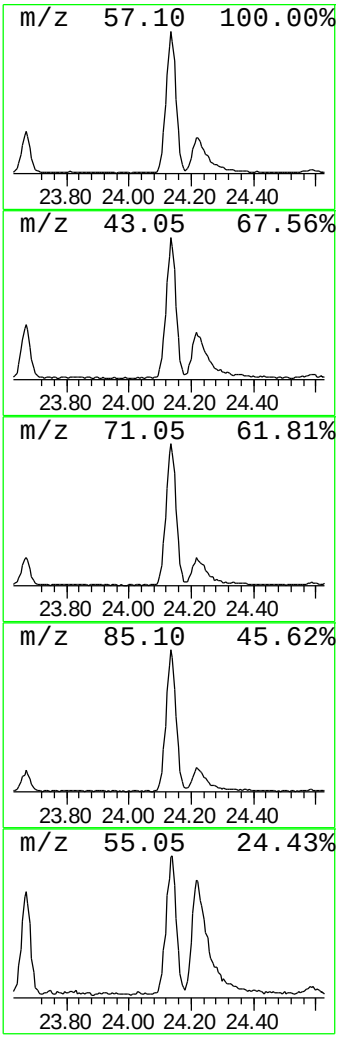
Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	29.87 ng	1907150	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





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ClientSampleId : P021-SS003-0002-01

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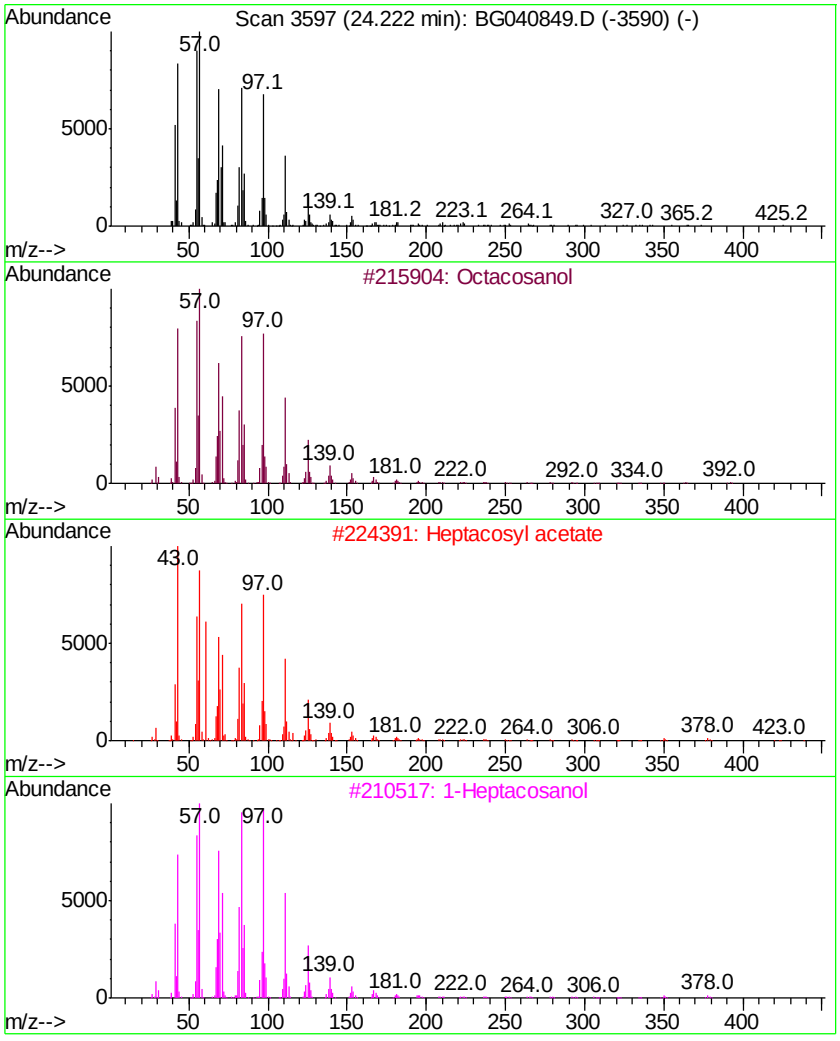
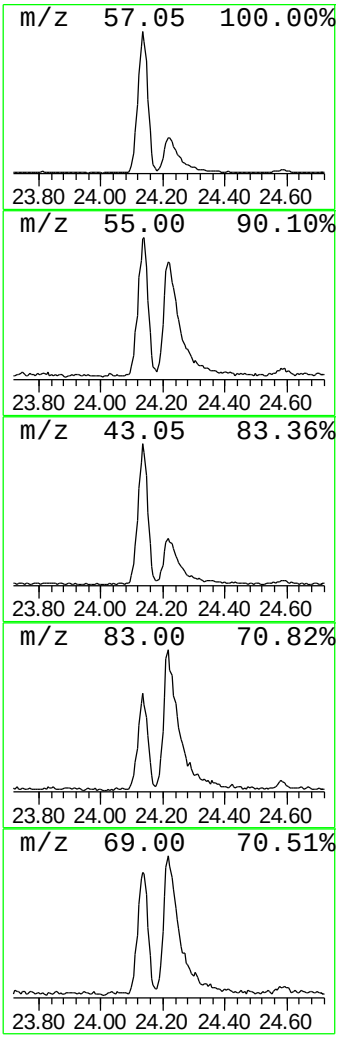
Peak Number 15 Octacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	20.63 ng	1317670	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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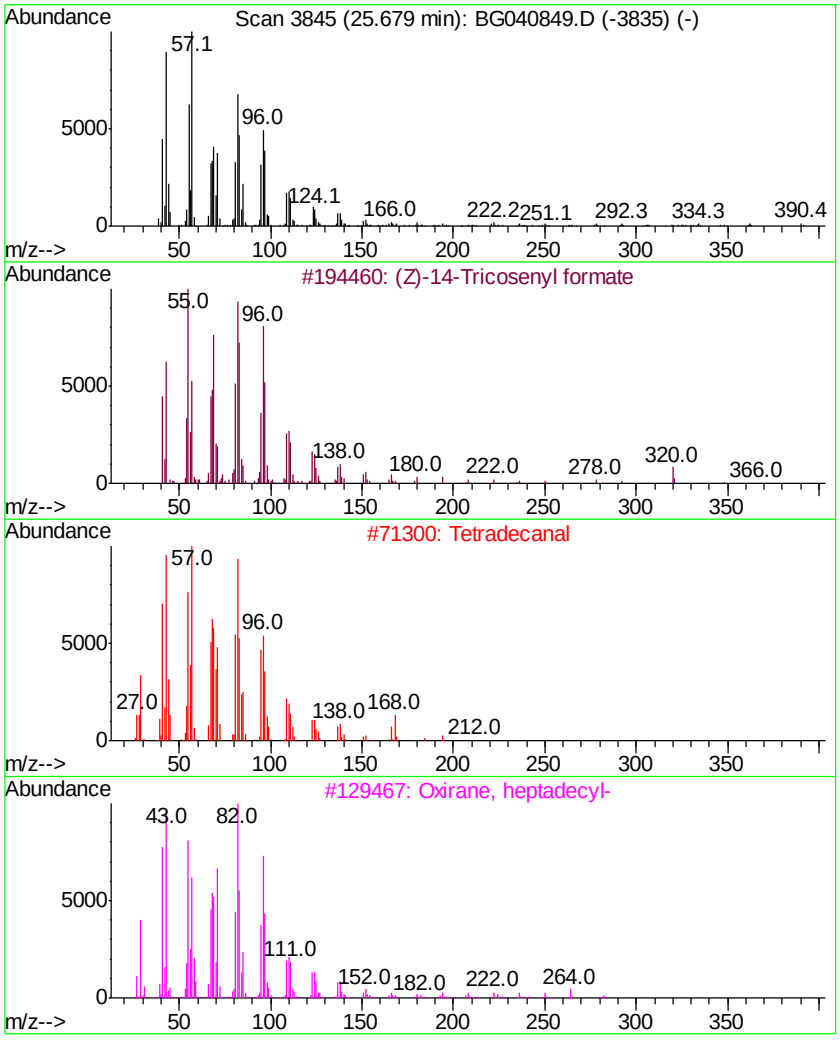
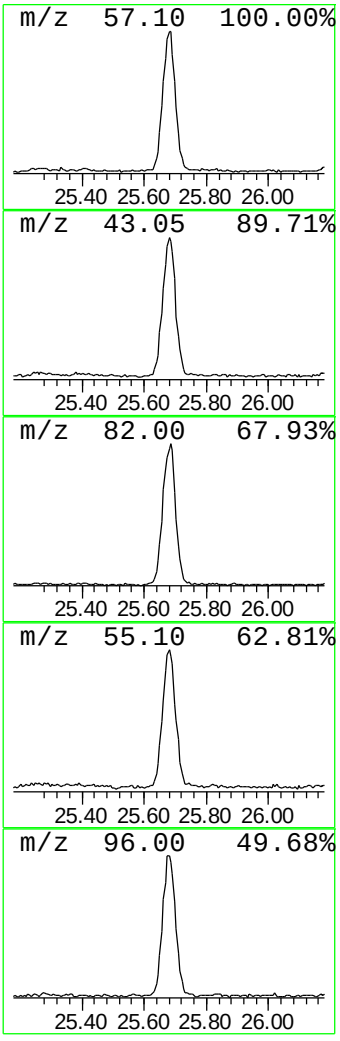
Peak Number 16 (Z)-14-Tricosenyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	26.76 ng	1708860	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	87





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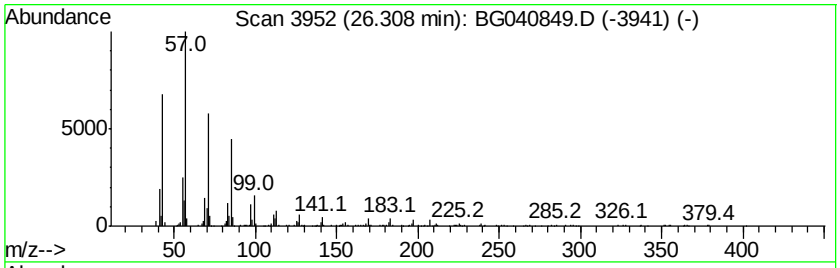
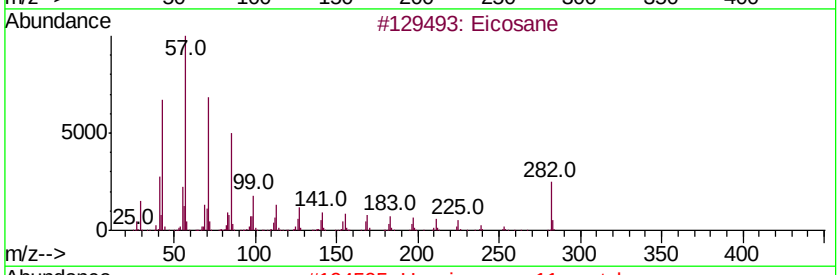
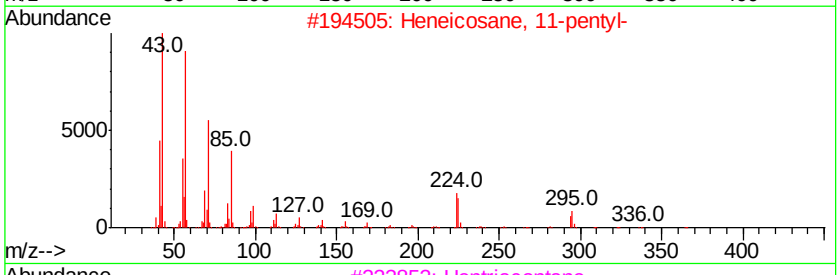
Peak Number 17 Eicosane Concentration Rank 10

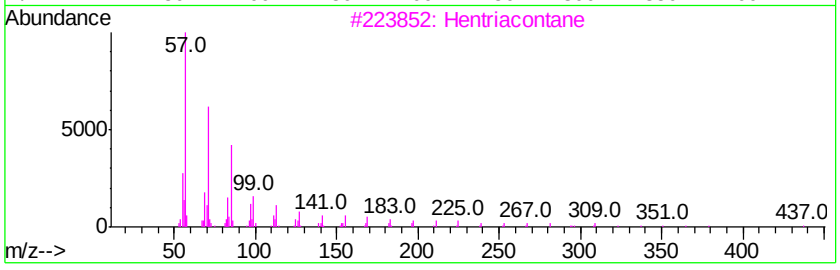
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	13.67 ng	872980	Perylene-d12	25.16

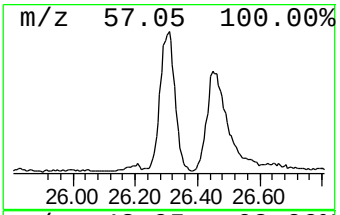
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	90

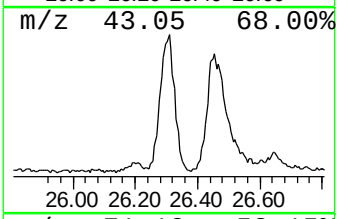


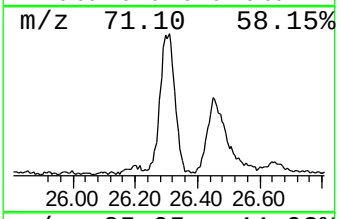


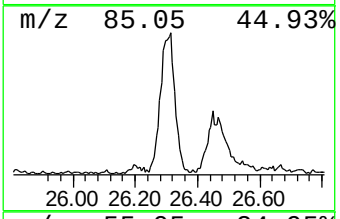


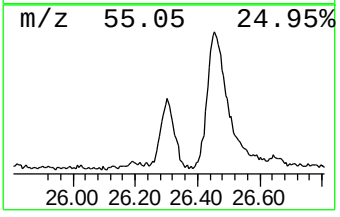












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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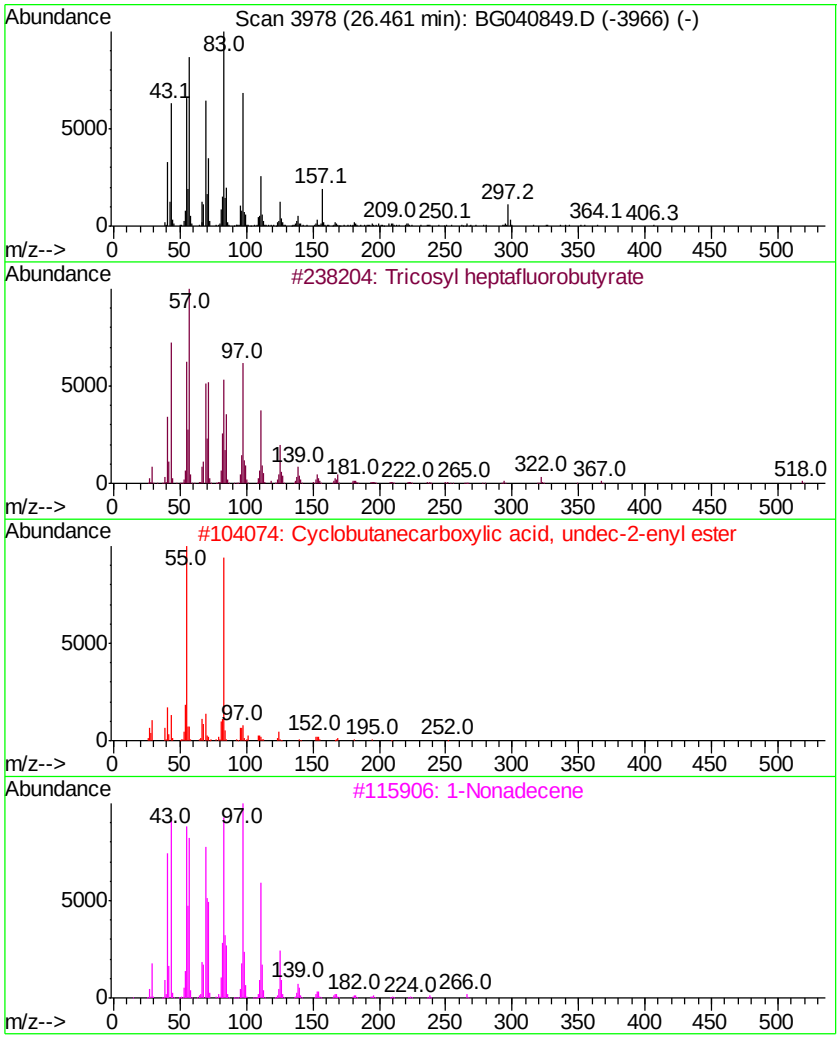
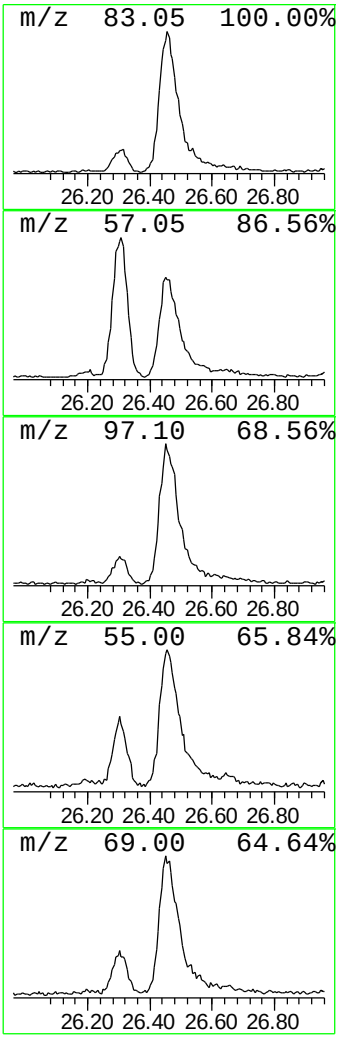
Peak Number 18 Tricosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.46	25.66 ng	1638900	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	46
2	Cyclobutanecarboxylic acid, unde...	252	C16H28O2	1000299-13-6	43
3	1-Nonadecene	266	C19H38	018435-45-5	42
4	Z-12-Pentacosene	350	C25H50	1000131-09-4	41
5	17-Pentatriacontene	491	C35H70	006971-40-0	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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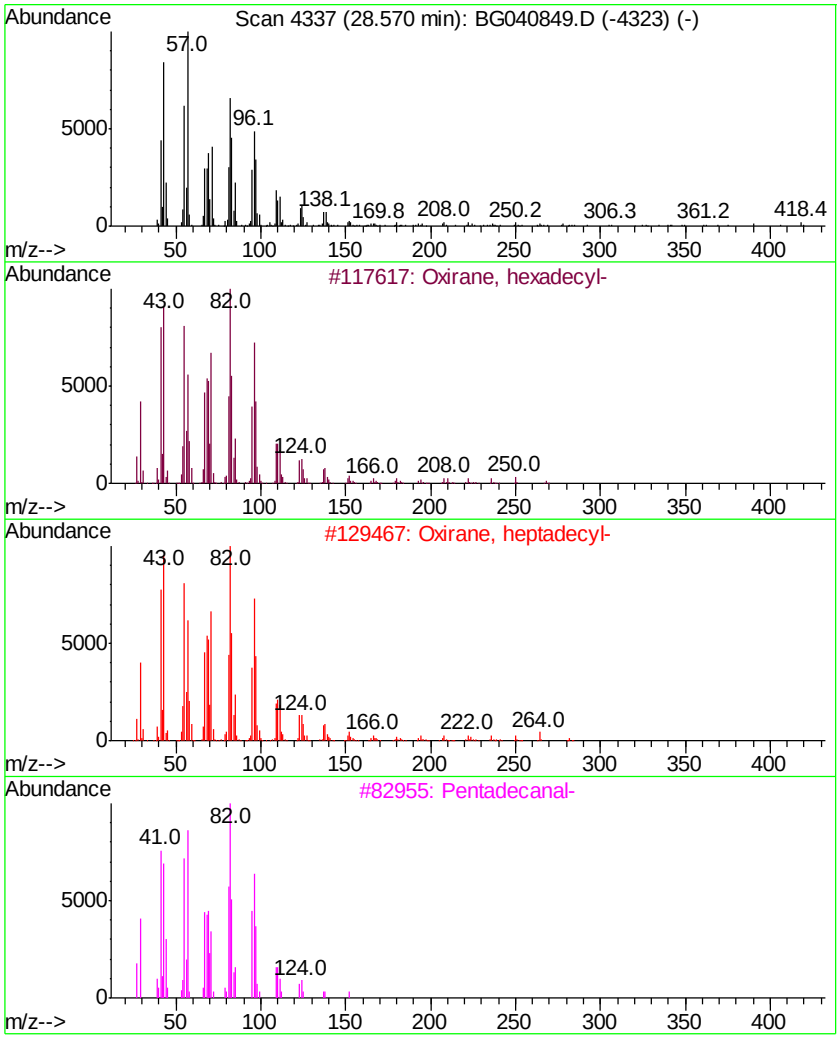
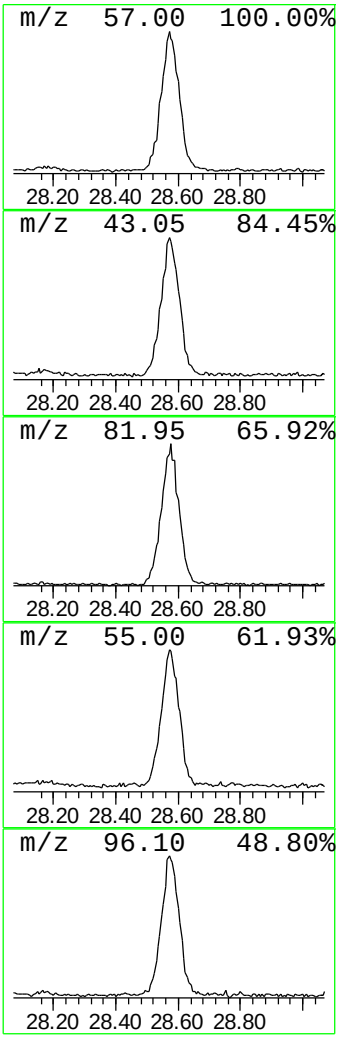
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.57	28.69 ng	1832310	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Pentadecanal-	226	C15H30O	002765-11-9	80
4	Octadecanal	268	C18H36O	000638-66-4	74
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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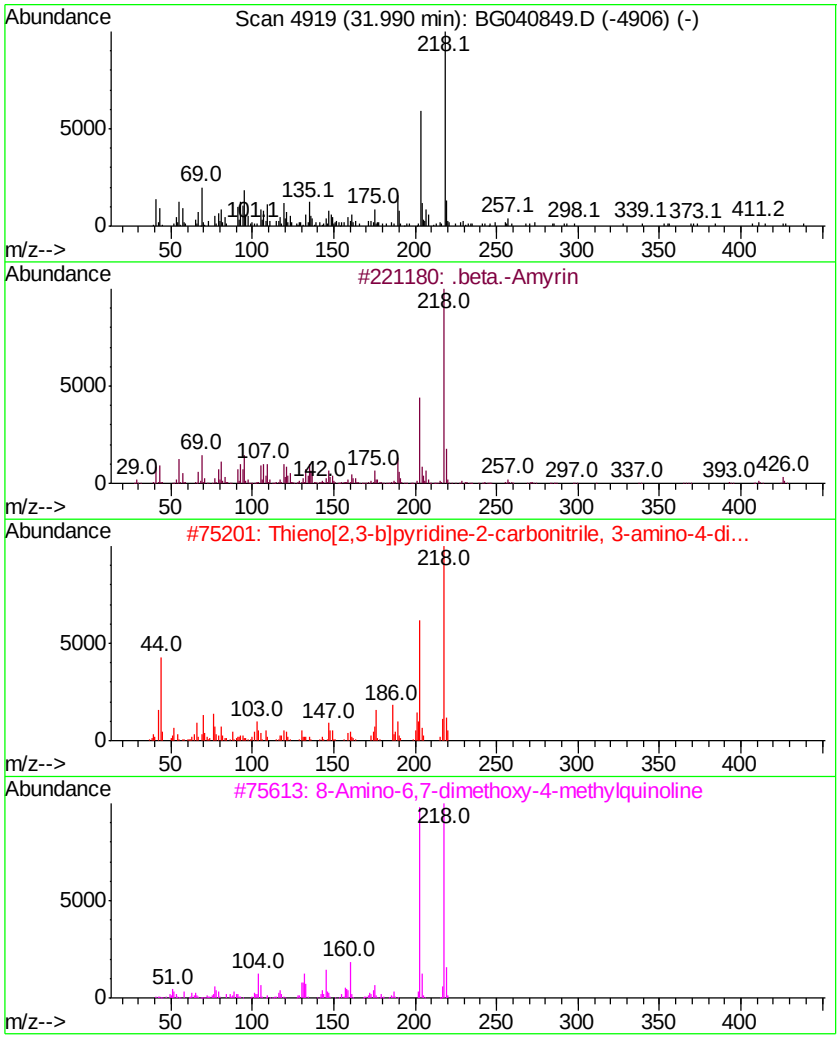
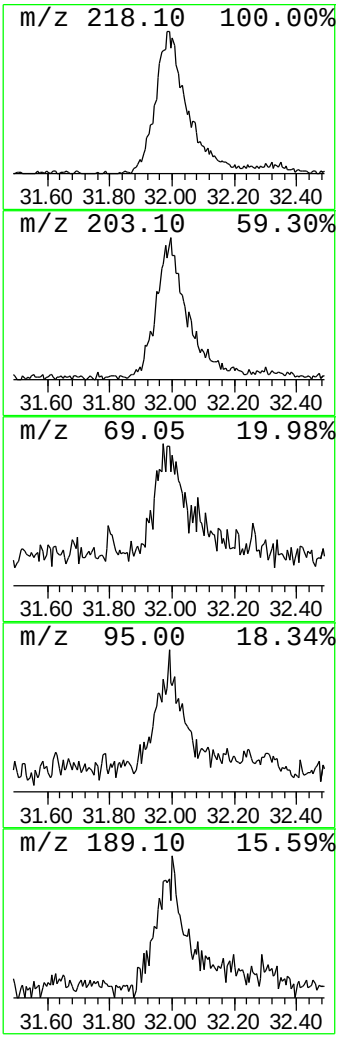
Peak Number 20 .beta.-Amyrin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.99	8.33 ng	531709	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	81
2	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	80
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	72
4	.alpha.-Amyrin	426	C30H50O	000638-95-9	70
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040849.D
Acq On : 10 May 2019 13:27
Operator : HP/JU
Sample : K2762-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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
Butane, 2-methoxy...	3.23	11.8	ng	243408	1	8.14	412999	20.0
.alpha.-Pinene	6.80	5.0	ng	103448	1	8.14	412999	20.0
Bicyclo[3.1.1]hep...	7.57	4.8	ng	99285	1	8.14	412999	20.0
unknown7.67	7.67	77.3	ng	1596420	1	8.14	412999	20.0
n-Hexadecanoic acid	18.36	8.1	ng	457011	4	17.51	1132190	20.0
Octadecanoic acid	19.63	4.4	ng	247046	4	17.51	1132190	20.0
cis,trans-2-Ethyl...	20.86	24.4	ng	1467310	5	21.80	1202710	20.0
Dehydroabietic acid	21.40	9.1	ng	544954	5	21.80	1202710	20.0
Tetradecane, 2,6,...	22.58	4.6	ng	277700	5	21.80	1202710	20.0
Fumaric acid, 2-c...	22.62	8.8	ng	528199	5	21.80	1202710	20.0
1,19-Eicosadiene	23.67	15.9	ng	1013770	6	25.16	1277180	20.0
Heneicosane	24.13	29.9	ng	1907150	6	25.16	1277180	20.0
Octacosanol	24.22	20.6	ng	1317670	6	25.16	1277180	20.0
(Z)-14-Tricosenyl...	25.68	26.8	ng	1708860	6	25.16	1277180	20.0
Eicosane	26.31	13.7	ng	872980	6	25.16	1277180	20.0
Tricosyl heptaflu...	26.46	25.7	ng	1638900	6	25.16	1277180	20.0
Oxirane, hexadecyl-	28.57	28.7	ng	1832310	6	25.16	1277180	20.0
.beta.-Amyrin	31.99	8.3	ng	531709	6	25.16	1277180	20.0