LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049859.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	12	18	23	rBV	102562	183998	12.16%	0.724%
2	5.106	347	352	360	rBV2	44947	74493	4.92%	0.293%
3	5.582	426	433	447	rBV	547525	907758	59.98%	3.572%
4	7.191	698	707	720	rBV	560462	998779	66.00%	3.930%
5	8.026	842	849	858	rVB	136114	228315	15.09%	0.898%
6	9.200	1040	1049	1059	rBV	367709	671257	44.35%	2.641%
7	10.610	1282	1289	1298	rBV5	13144	29405	1.94%	0.116%
8	10.845	1323	1329	1336	rBV	170287	313185	20.69%	1.232%
9	11.268	1394	1401	1411	rBV	109354	204830	13.53%	0.806%
10	13.078	1704	1709	1716	rVB3	51778	79502	5.25%	0.313%
11	13.230	1729	1735	1739	rBV4	16354	25301	1.67%	0.100%
12	13.301	1739	1747	1753	rVV	723443	1136567	75.10%	4.472%
13	13.377	1753	1760	1765	rVV2	239397	420301	27.77%	1.654%
14	13.442	1765	1771	1778	rVV	627035	961171	63.51%	3.782%
15	13.553	1782	1790	1796	rBV4	34735	75553	4.99%	0.297%
16	13.806	1826	1833	1843	rBV2	116310	191091	12.63%	0.752%
17	13.959	1850	1859	1860	rBV4	17726	29755	1.97%	0.117%
18	14.000	1860	1866	1874	rVB	390707	614197	40.58%	2.417%
19	14.088	1874	1881	1888	rBV5	42867	81565	5.39%	0.321%
20	14.170	1888	1895	1897	rBV5	14182	24434	1.61%	0.096%
21	14.205	1897	1901	1908	rVB4	31192	48387	3.20%	0.190%
22	14.282	1908	1914	1919	rVB6	17151	29718	1.96%	0.117%
23	14.388	1922	1932	1937	rBV	666980	1055382	69.74%	4.153%
24	14.440	1937	1941	1946	rVB2	451574	660580	43.65%	2.599%
25	14.517	1946	1954	1958	rBV	415834	619083	40.91%	2.436%
26	14.564	1958	1962	1967	rVB	184160	256392	16.94%	1.009%
27	14.681	1976	1982	1986	rBV	264686	457927	30.26%	1.802%
28	14.740	1987	1992	1998	rVV	458890	711482	47.01%	2.800%
29	14.793	1998	2001	2005	rVB4	29151	36573	2.42%	0.144%
30	14.922	2016	2023	2029	rBV2	452920	694685	45.90%	2.734%
31	14.993	2029	2035	2042	rVV	249562	414219	27.37%	1.630%
32	15.098	2047	2053	2055	rVV5	20730	33741	2.23%	0.133%
33	15.134	2055	2059	2064	rVB3	54101	77680	5.13%	0.306%
34	15.204	2065	2071	2075	rBV2	91587	134864	8.91%	0.531%
35	15.251	2075	2079	2082	rVB4	10948	16885	1.12%	0.066%
36	15.328	2087	2092	2097	rBV7	15570	25629	1.69%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.586	2132	2136	2142	rVB5	38764	65106	4.30%	0.256%
38	15.686	2148	2153	2159	rVB2	82699	131995	8.72%	0.519%
39	15.774	2159	2168	2173	rBV8	45285	89953	5.94%	0.354%
40	15.868	2179	2184	2187	rBV5	19863	27547	1.82%	0.108%
41	15.909	2187	2191	2197	rVB7	29790	47913	3.17%	0.189%
42	15.980	2197	2203	2205	rBV5	24205	39303	2.60%	0.155%
43	16.009	2205	2208	2212	rVV4	52083	77014	5.09%	0.303%
44	16.050	2212	2215	2219	rVV4	24104	34359	2.27%	0.135%
45	16.138	2219	2230	2233	rVV2	410610	895978	59.20%	3.526%
46	16.173	2233	2236	2243	rVV	682264	1011177	66.81%	3.979%
47	16.244	2243	2248	2255	rVV2	390143	595105	39.32%	2.342%
48	16.320	2259	2261	2266	rVV4	18227	23704	1.57%	0.093%
49	16.397	2268	2274	2285	rVB	267484	394502	26.07%	1.552%
50	16.585	2302	2306	2311	rVB8	19994	31089	2.05%	0.122%
51	16.820	2341	2346	2350	rBV8	19281	30939	2.04%	0.122%
52	17.055	2379	2386	2387	rBV2	25824	39082	2.58%	0.154%
53	17.078	2387	2390	2395	rVB4	45140	65808	4.35%	0.259%
54	17.254	2415	2420	2426	rVB2	54555	86954	5.75%	0.342%
55	17.372	2434	2440	2445	rBV5	15072	36139	2.39%	0.142%
56	17.431	2445	2450	2455	rVV	273715	448318	29.62%	1.764%
57	17.483	2455	2459	2466	rVB3	200915	306045	20.22%	1.204%
58	17.572	2468	2474	2479	rVV3	8956	17681	1.17%	0.070%
59	17.636	2479	2485	2491	rVV9	8877	17647	1.17%	0.069%
60	18.194	2571	2580	2586	rBV7	46654	116278	7.68%	0.458%
61	18.312	2596	2600	2606	rBV2	76991	114677	7.58%	0.451%
62	18.500	2628	2632	2637	rBV8	10507	20820	1.38%	0.082%
63	18.547	2637	2640	2644	rVV6	11980	17718	1.17%	0.070%
64	18.776	2669	2679	2682	rBV9	12381	30260	2.00%	0.119%
65	19.040	2722	2724	2730	rVB7	11630	17606	1.16%	0.069%
66	19.181	2740	2748	2751	rVV10	10368	22089	1.46%	0.087%
67	19.234	2753	2757	2760	rVV6	11617	18477	1.22%	0.073%
68	19.281	2760	2765	2774	rVV6	17722	33789	2.23%	0.133%
69	19.487	2794	2800	2805	rBV	64652	107727	7.12%	0.424%
70	19.534	2805	2808	2812	rVB5	19723	27561	1.82%	0.108%
71	19.581	2812	2816	2822	rBV8	15852	25642	1.69%	0.101%
72	19.663	2826	2830	2834	rBV6	16730	24637	1.63%	0.097%
73	19.780	2846	2850	2853	rBV2	46852	56411	3.73%	0.222%
74	19.851	2858	2862	2867	rVB	49875	65822	4.35%	0.259%
75	20.045	2889	2895	2900	rBV	865389	1148426	75.88%	4.519%
76	20.256	2928	2931	2936	rVB4	20119	23734	1.57%	0.093%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.315	2936	2941	2951	rBV5	66254	164749	10.89%	0.648%
78	20.403	2952	2956	2959	rVV3	18087	21504	1.42%	0.085%
79	20.497	2967	2972	2973	rBV5	14111	18106	1.20%	0.071%
80	20.638	2992	2996	2999	rBV6	11463	18525	1.22%	0.073%
81	20.685	2999	3004	3008	rBV8	31763	61625	4.07%	0.242%
82	20.832	3025	3029	3034	rBV7	19858	33467	2.21%	0.132%
83	21.343	3111	3116	3128	rBV	558869	1017284	67.22%	4.003%
84	21.431	3128	3131	3135	rVB2	50249	70207	4.64%	0.276%
85	21.519	3143	3146	3152	rBV4	32481	47667	3.15%	0.188%
86	21.654	3164	3169	3173	rBV4	86288	140258	9.27%	0.552%
87	21.713	3173	3179	3185	rVB	250700	432783	28.60%	1.703%
88	21.913	3209	3213	3215	rBV5	25779	35091	2.32%	0.138%
89	22.430	3290	3301	3302	rBV5	50657	139292	9.20%	0.548%
90	22.535	3313	3319	3333	rVB	673995	1513410	100.00%	5.955%
91	22.759	3353	3357	3360	rBV4	22404	36354	2.40%	0.143%
92	23.399	3462	3466	3472	rVB3	37548	72340	4.78%	0.285%
93	24.110	3579	3587	3599	rBV5	127397	393844	26.02%	1.550%
94	24.668	3676	3682	3683	rBV6	19350	29814	1.97%	0.117%
95	24.832	3706	3710	3720	rVB4	27695	73516	4.86%	0.289%
96	24.985	3728	3736	3746	rBV2	151877	422904	27.94%	1.664%
97	26.559	3997	4004	4014	rVB10	53520	173098	11.44%	0.681%
98	30.419	4649	4661	4668	rBV10	113767	507558	33.54%	1.997%
99	31.835	4889	4902	4916	rBV8	118783	598707	39.56%	2.356%
100	32.404	4984	4999	5001	rBV8	132417	481088	31.79%	1.893%

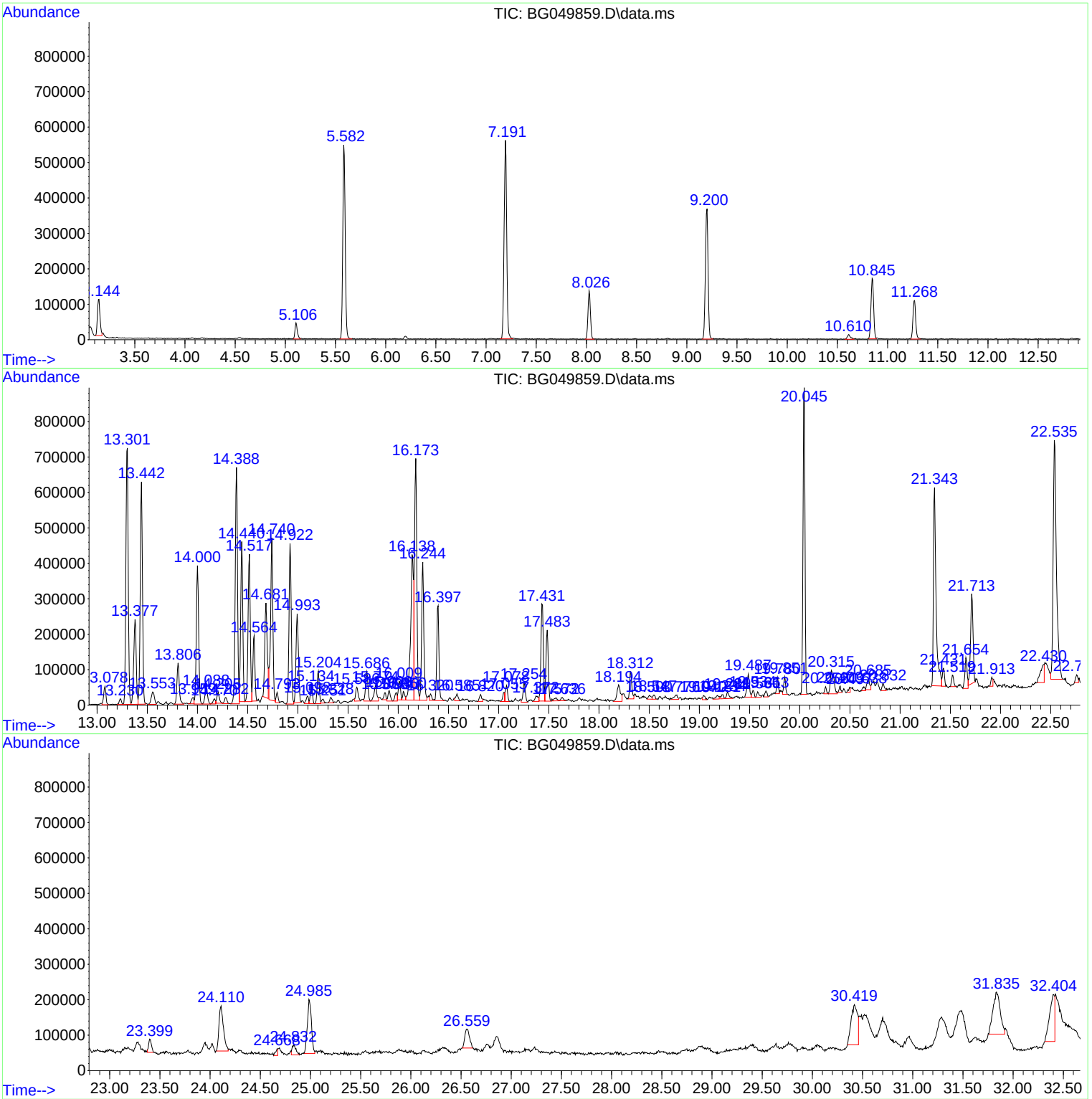
Sum of corrected areas: 25412907

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

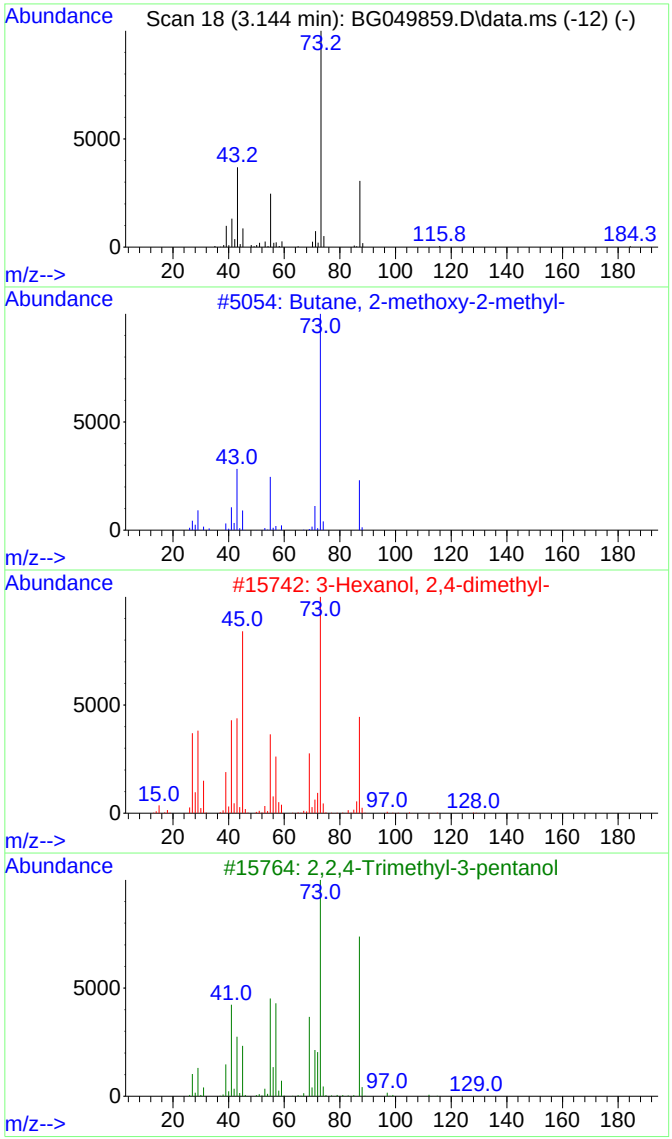
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

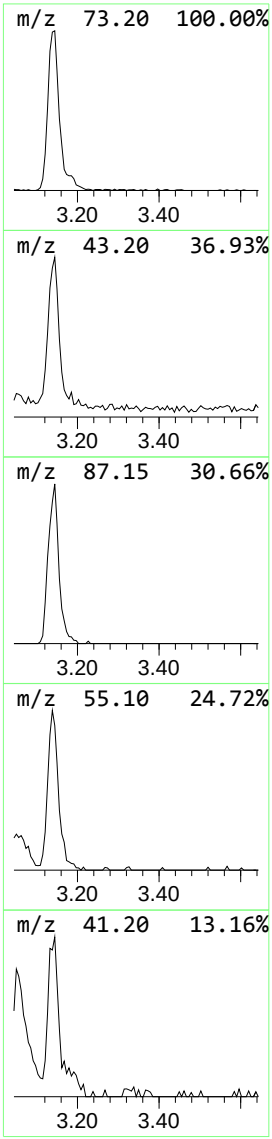
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	16.12 ng	183998	1,4-Dichlorobenzene-d4	8.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	40
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	36
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

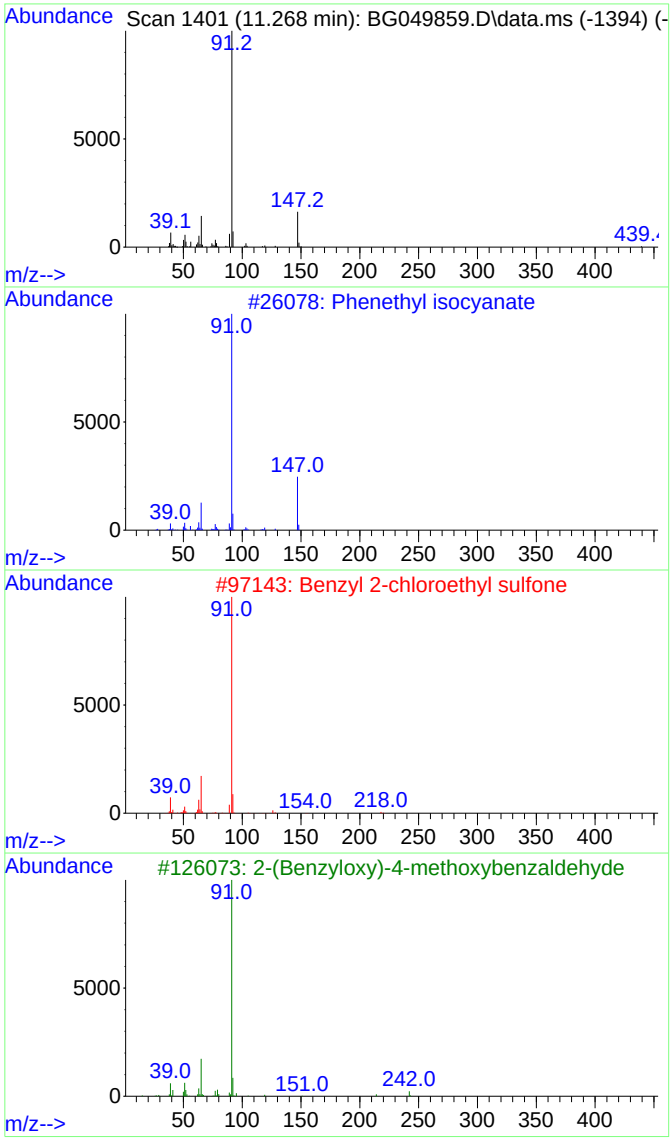
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

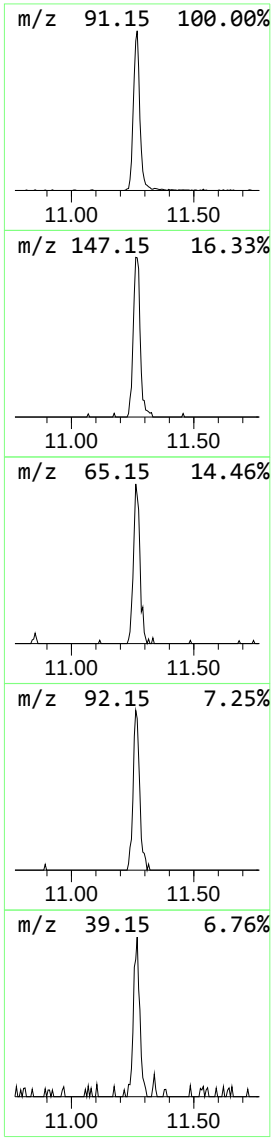
****

Peak Number 2 Phenethyl isocyanate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	13.08 ng	204830	Naphthalene-d8	10.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenethyl isocyanate	147	C9H9NO	001943-82-4	87
2	Benzyl 2-chloroethyl sulfone	218	C9H11ClO2S	066998-67-2	53
3	2-(Benzyloxy)-4-methoxybenzaldehyde	242	C15H14O3	1000411-59-4	50
4	benzene-1,2-diol, 4-[2-nitroethe...	271	C15H13NO4	1000128-79-6	50
5	Benzonitrile, 2-chloro-6-(phenyl...	243	C14H10ClNO	092161-40-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

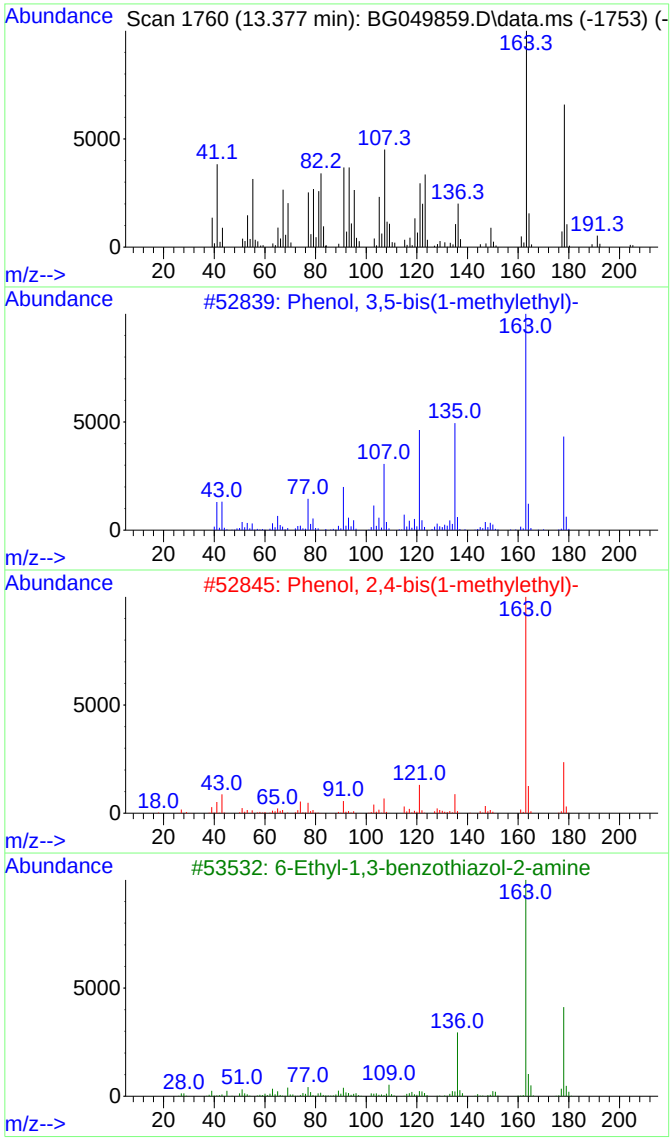
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

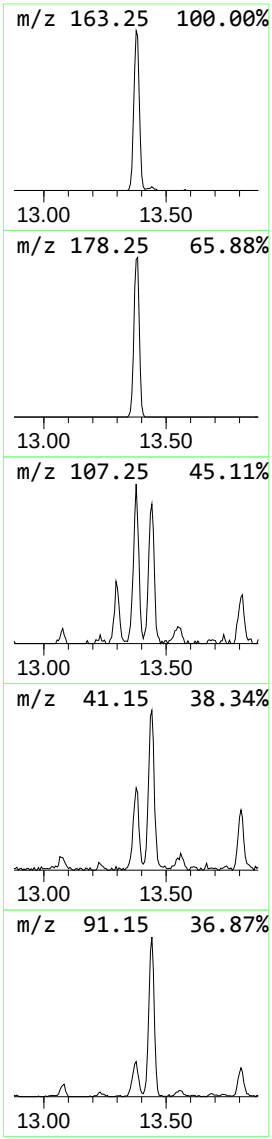
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3,5-bis(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	18.36 ng	420301	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-bis(1-methylethyl)-	178	C12H18O	026886-05-5	70
2	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	70
3	6-Ethyl-1,3-benzothiazol-2-amine	178	C9H10N2S	021224-16-8	60
4	Benzene, 1,2-dimethoxy-4-propeny...	178	C11H14O2	006380-24-1	50
5	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

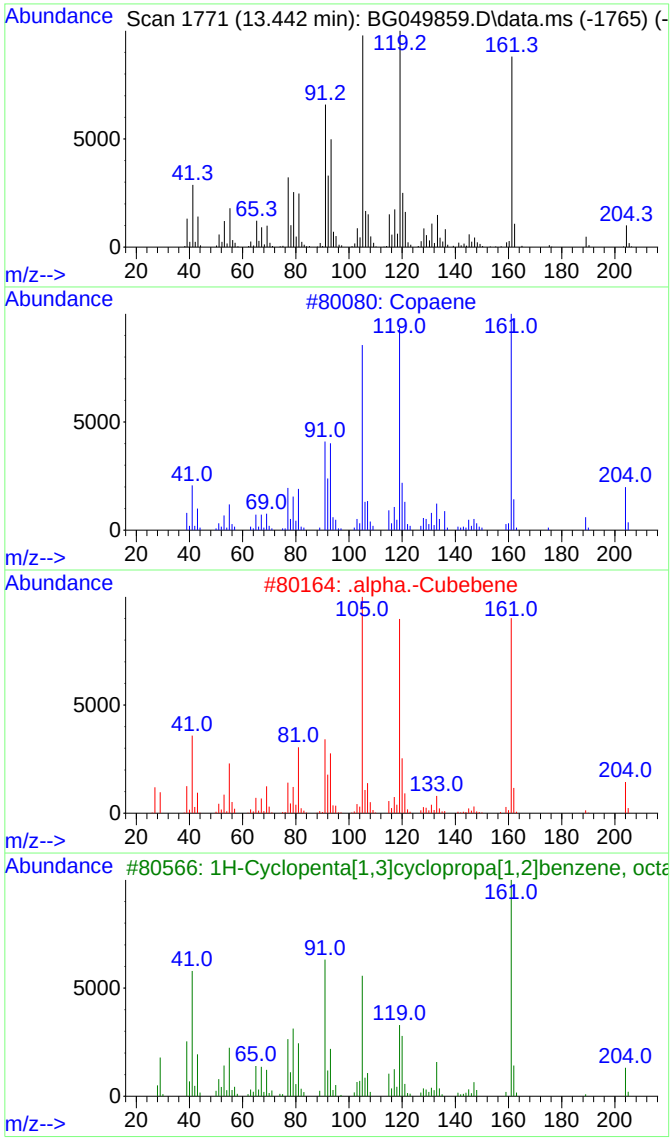
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

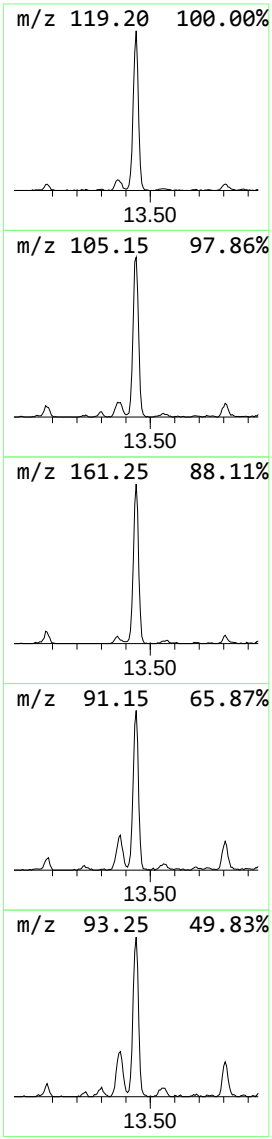
****

Peak Number 4 Copaene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	41.98 ng	961171	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	98
2	.alpha.-Cubebene	204	C15H24	017699-14-8	94
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	90
4	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	70
5	isoledene	204	C15H24	095910-36-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

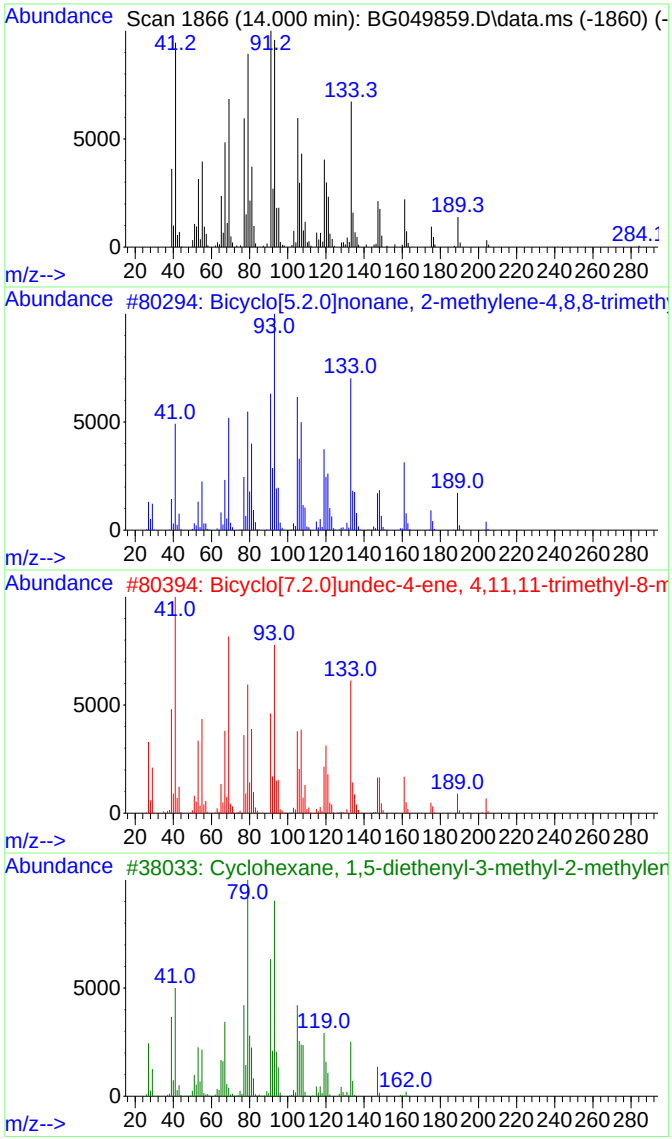
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

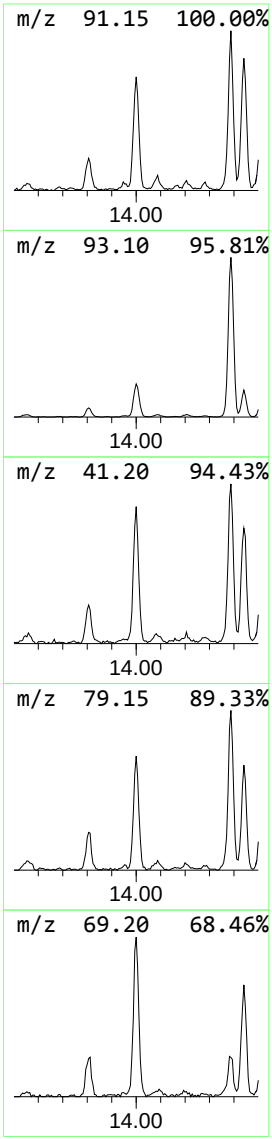
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	26.83 ng	614197	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	94
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	93
3	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	81
4	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	68
5	Caryophyllene	204	C15H24	000087-44-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

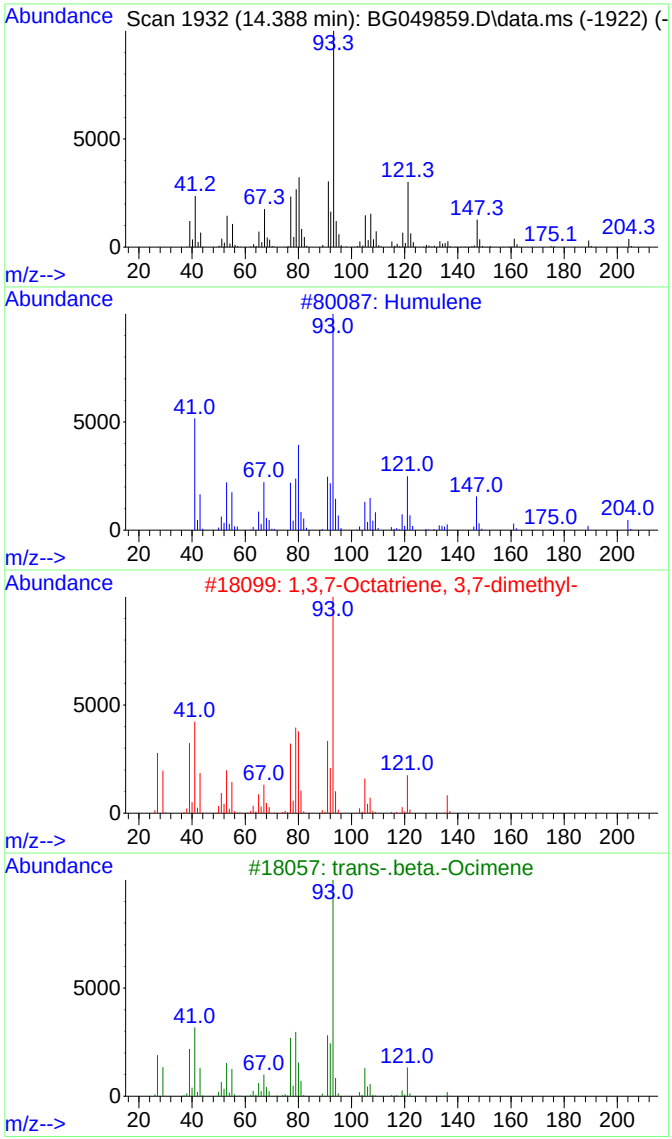
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

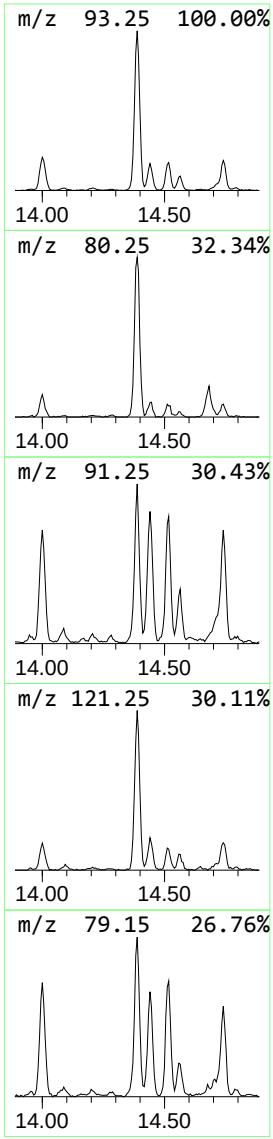
****

Peak Number 6 Humulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.388	46.09 ng	1055380	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Humulene	204	C15H24	006753-98-6	95
2	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	80
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	74
4	.beta.-Pinene	136	C10H16	000127-91-3	64
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

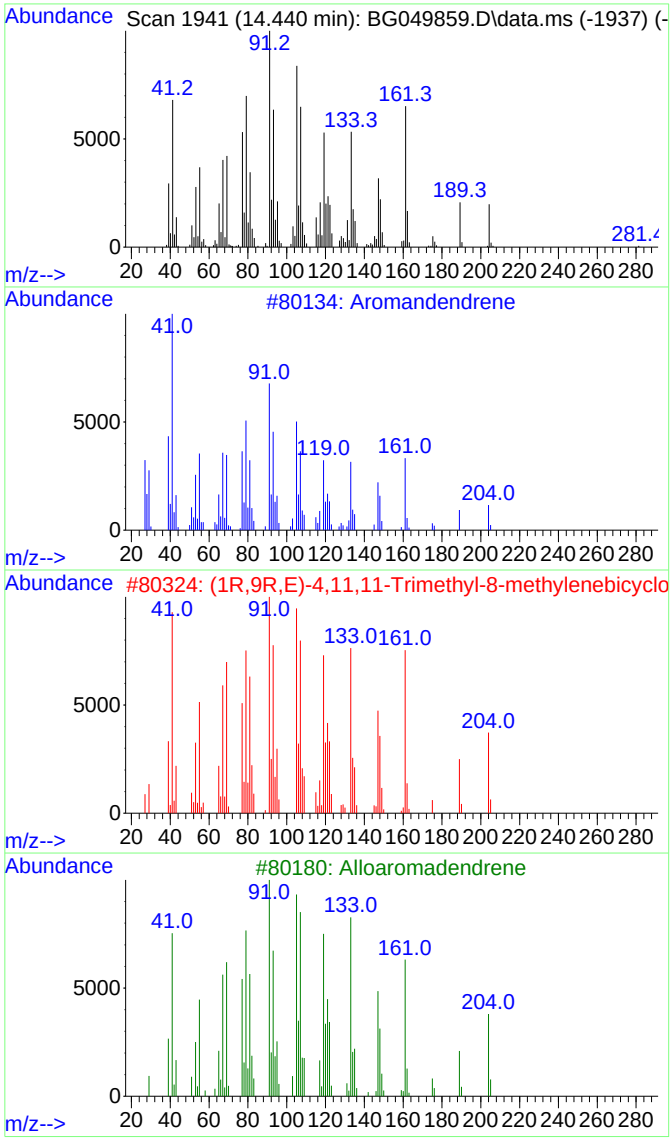
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

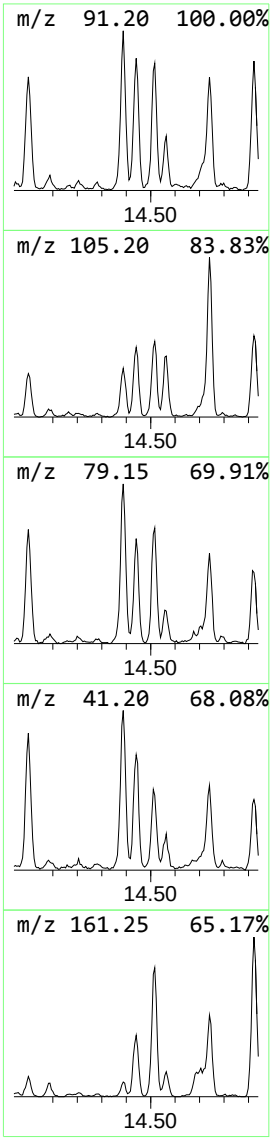
****

Peak Number 7 Aromandendrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	28.85 ng	660580	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	99
2	(1R,9R,E)-4,11,11-Trimethyl-8-me...	204	C15H24	068832-35-9	98
3	Alloaromadendrene	204	C15H24	025246-27-9	96
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	93
5	10s,11s-Himachala-3(12),4-diene	204	C15H24	060909-28-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
25S

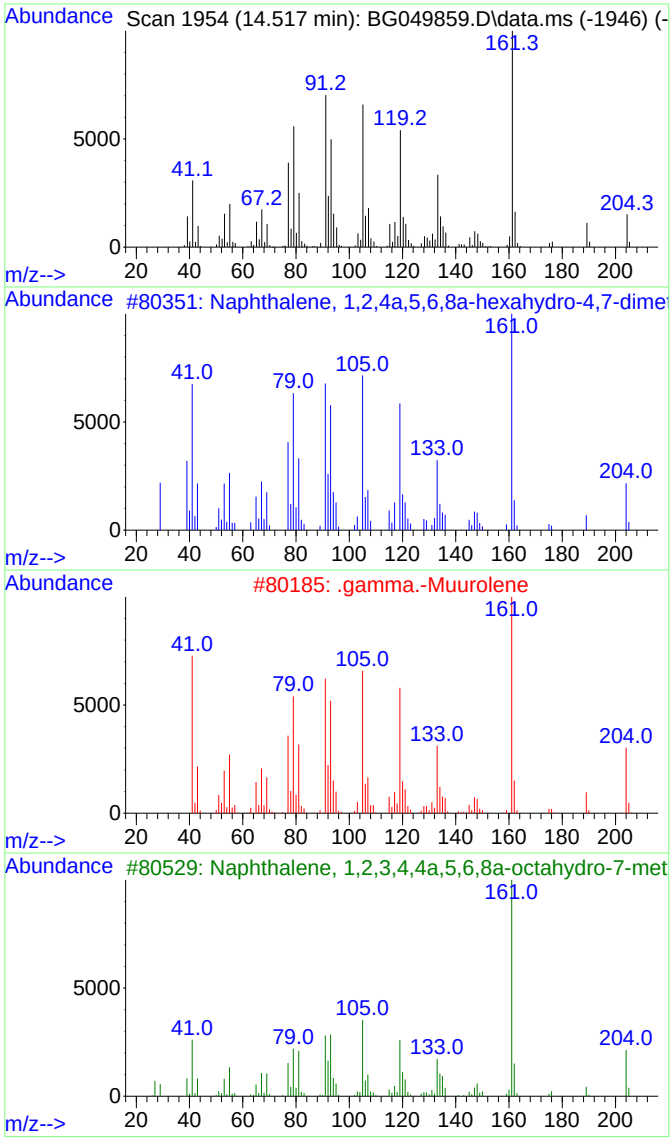
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

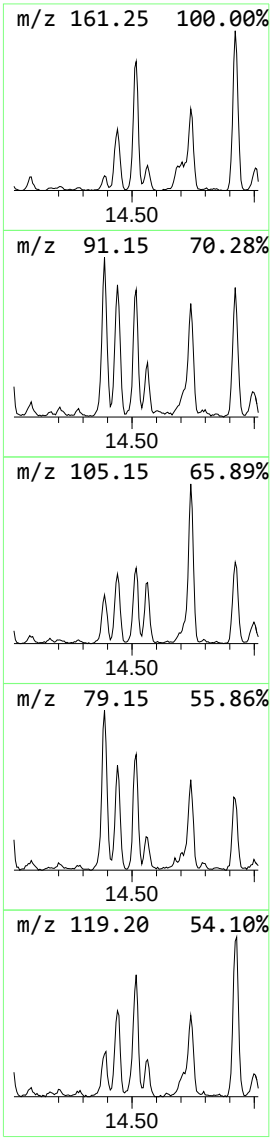
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.517	27.04 ng	619083	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	98
2	.gamma.-Muurolene	204	C15H24	030021-74-0	96
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	93
4	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	93
5	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

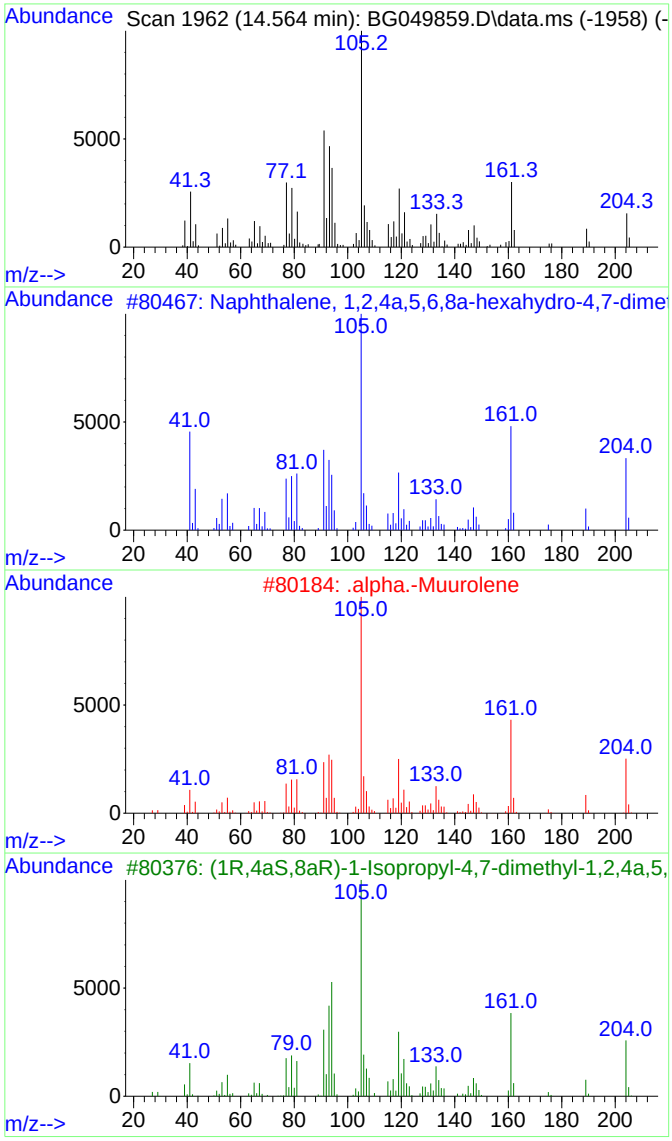
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

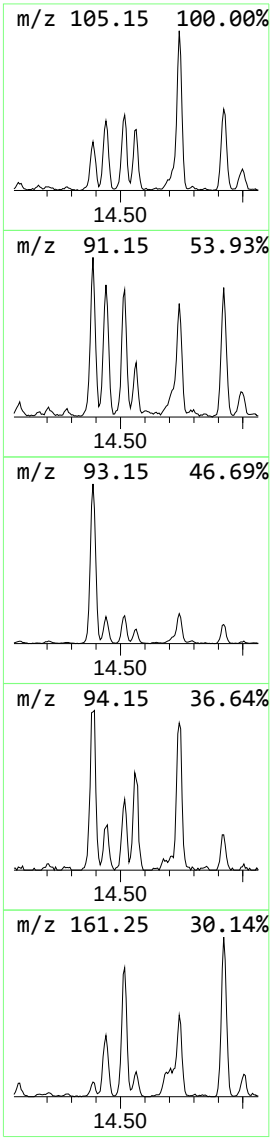
****

Peak Number 9 .alpha.-Muurolene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	11.20 ng	256392	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	98
2	.alpha.-Muurolene	204	C15H24	010208-80-7	95
3	(1R,4aS,8aR)-1-Isopropyl-4,7-dim...	204	C15H24	020085-19-2	93
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	91
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

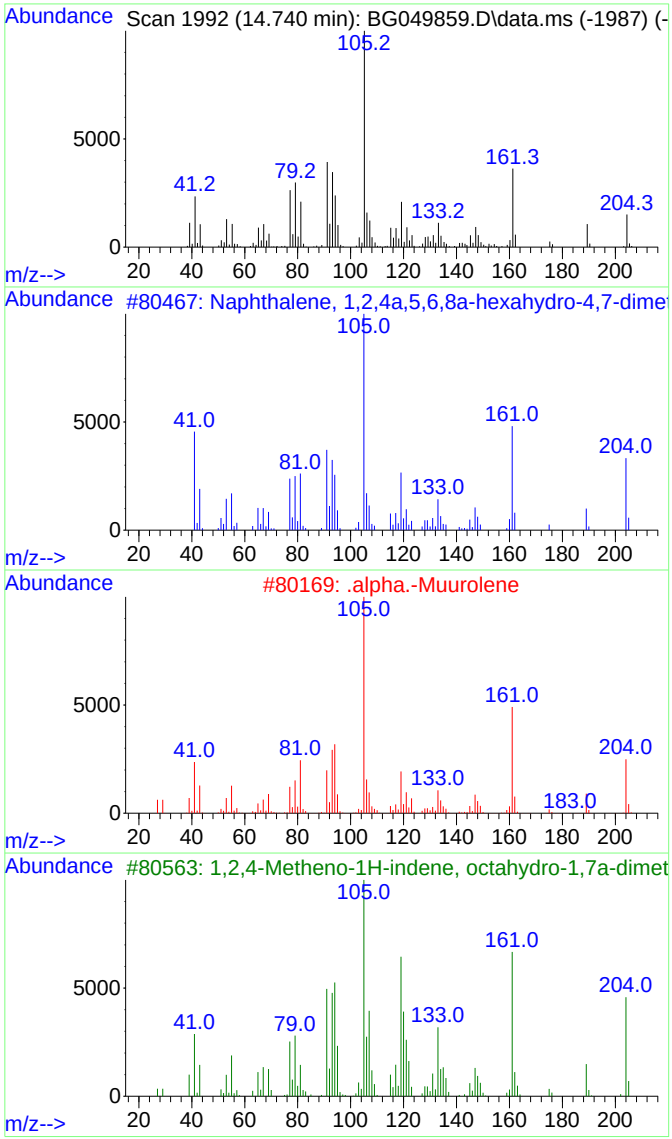
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

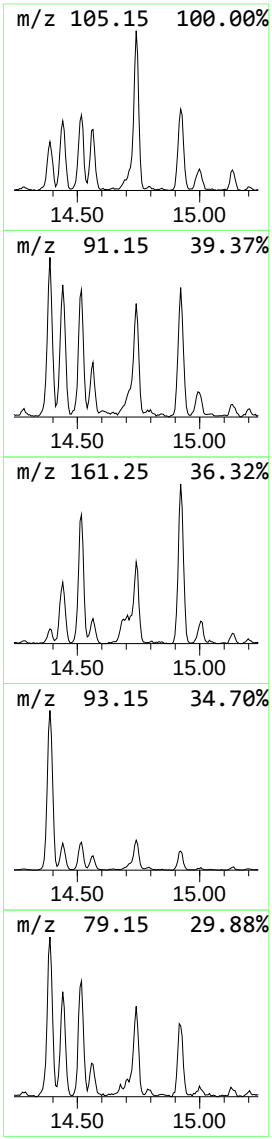
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,2,4-Metheno-1H-indene, oc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.740	31.07 ng	711482	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	94
2	.alpha.-Muurolene	204	C15H24	010208-80-7	93
3	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	91
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	90
5	(1R,4aS,8aR)-1-Isopropyl-4,7-dim...	204	C15H24	020085-19-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

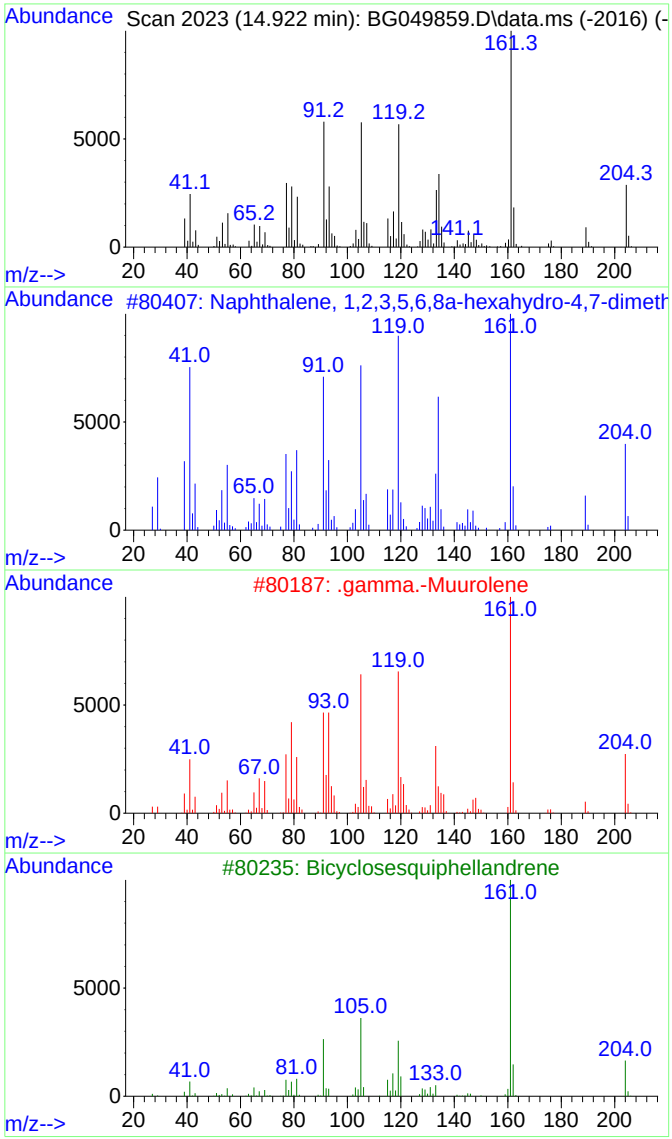
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

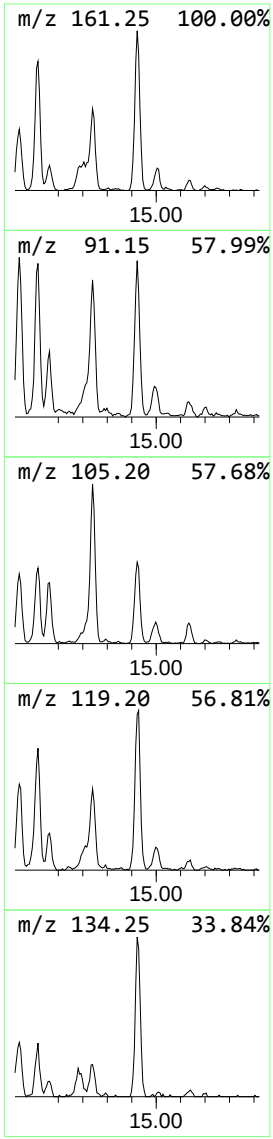
****

Peak Number 11 .gamma.-Muurolene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	30.34 ng	694685	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	97
2	.gamma.-Muurolene	204	C15H24	030021-74-0	93
3	Bicyclosesquiphellandrene	204	C15H24	054324-03-7	91
4	(1S,4S,4aS)-1-Isopropyl-4,7-dime...	204	C15H24	267665-20-3	89
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

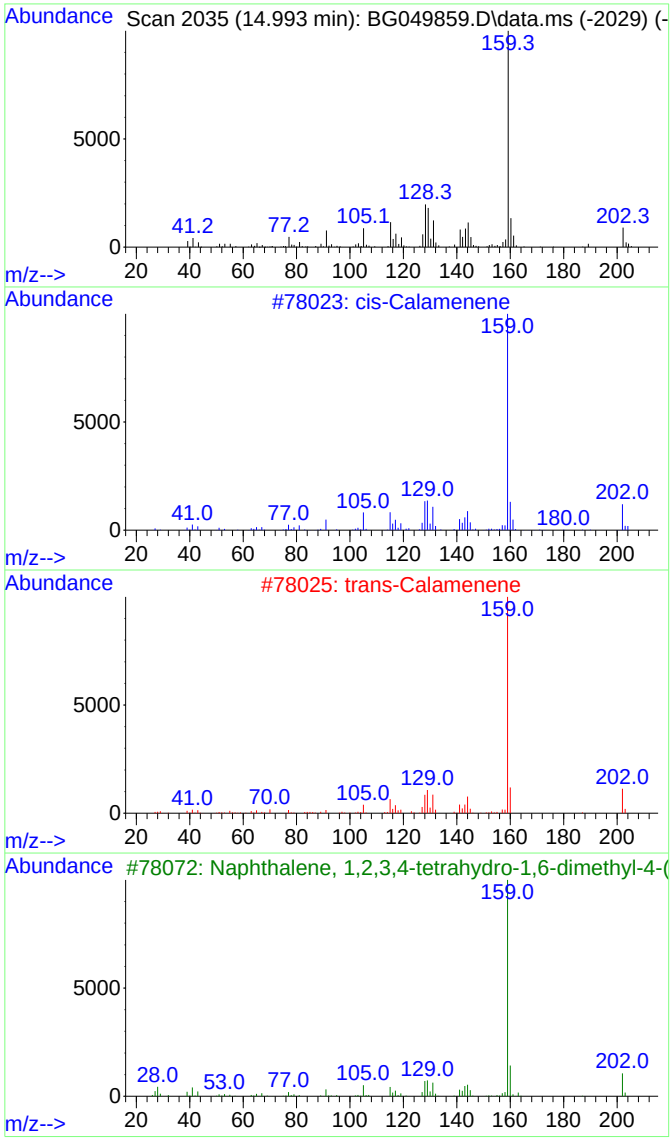
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

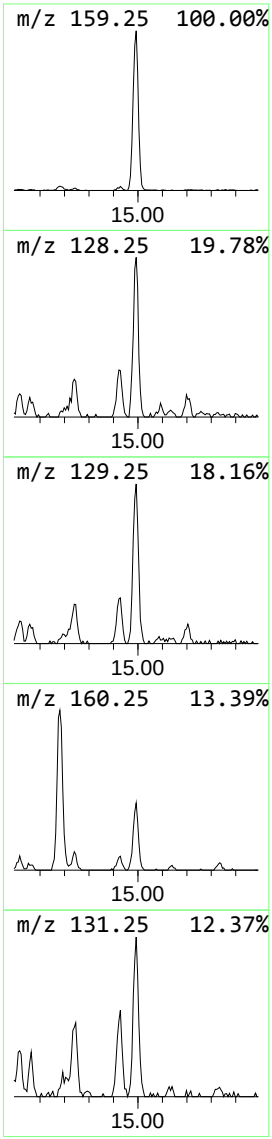
****

Peak Number 12 cis-Calamenene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.993	18.09 ng	414219	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Calamenene	202	C15H22	072937-55-4	96
2	trans-Calamenene	202	C15H22	073209-42-4	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	95
4	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

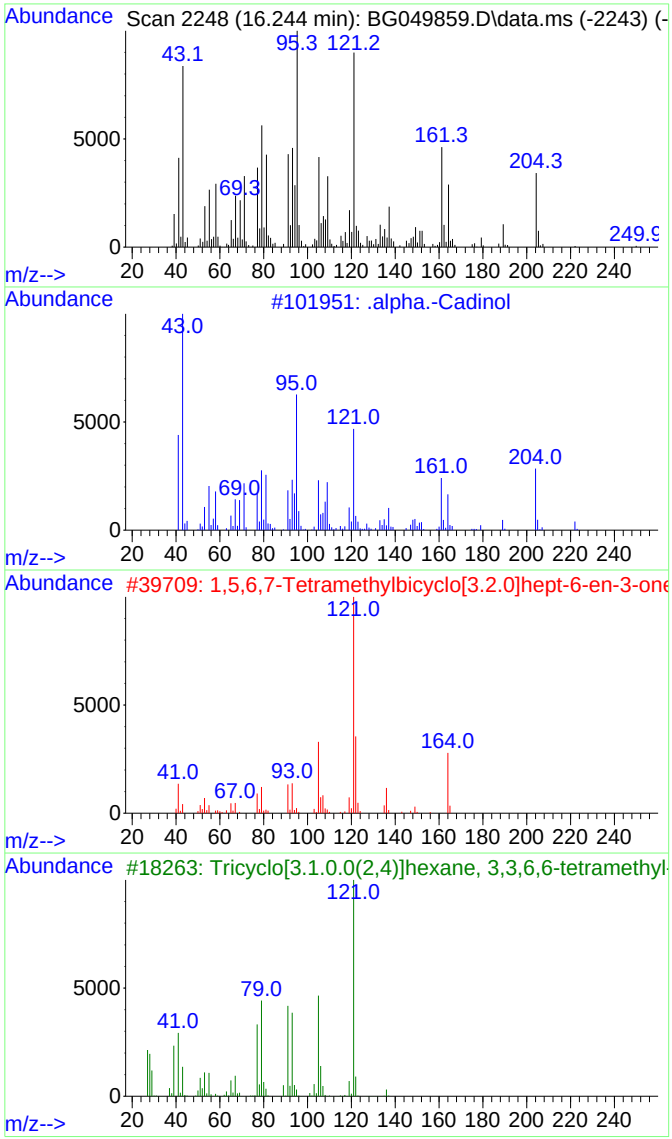
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

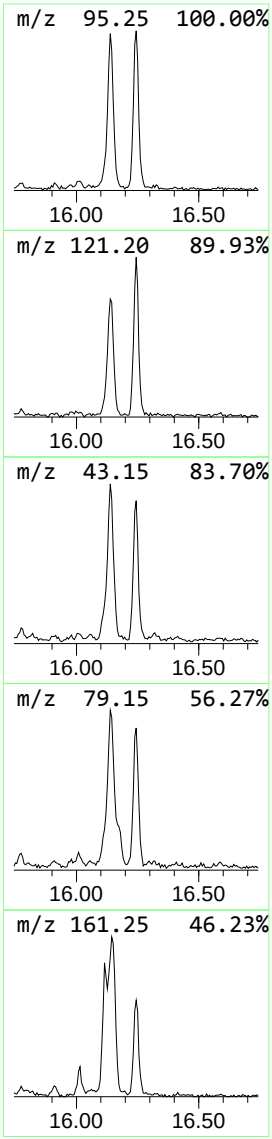
****

Peak Number 13 .alpha.-Cadinol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.244	26.55 ng	595105	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cadinol	222	C15H26O	000481-34-5	91
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	164	C11H16O	120345-87-1	42
3	Tricyclo[3.1.0.0(2,4)]hexane, 3,...	136	C10H16	058987-01-2	41
4	Duroquinone	164	C10H12O2	000527-17-3	30
5	Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

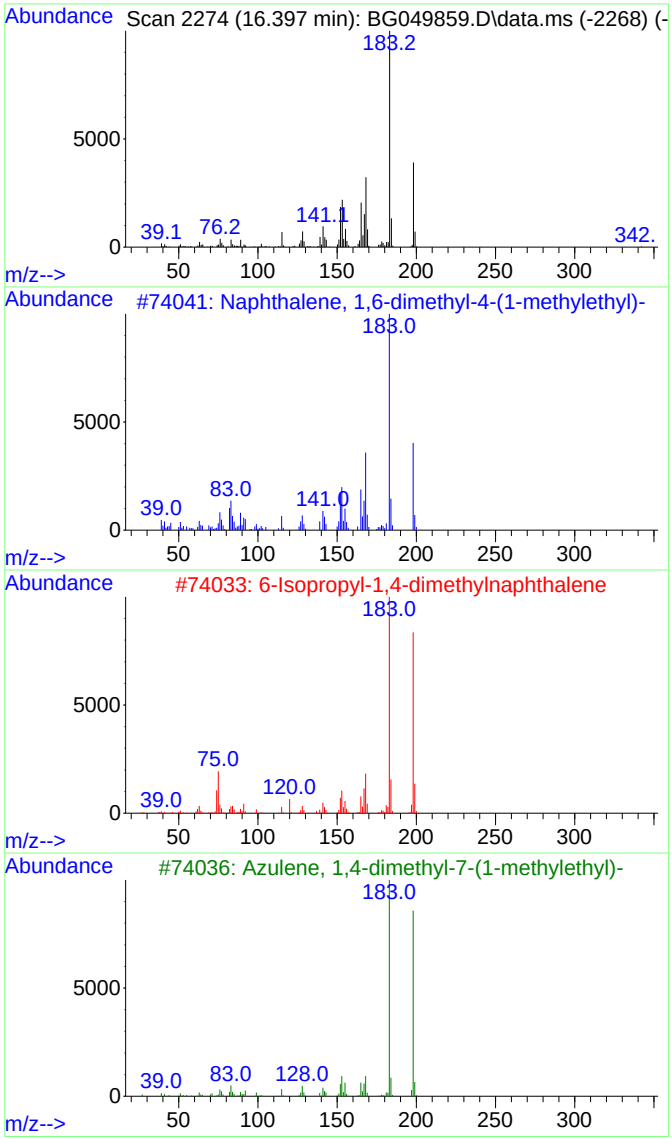
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

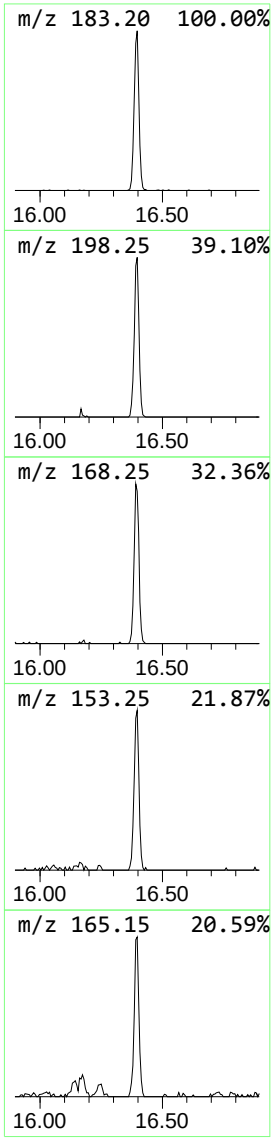
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6-dimethyl-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.397	17.60 ng	394502	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	95
2	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	90
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	87
4	Cyclopropane, 1,1,2,2-tetramethy...	198	C15H18	1000264-08-5	68
5	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

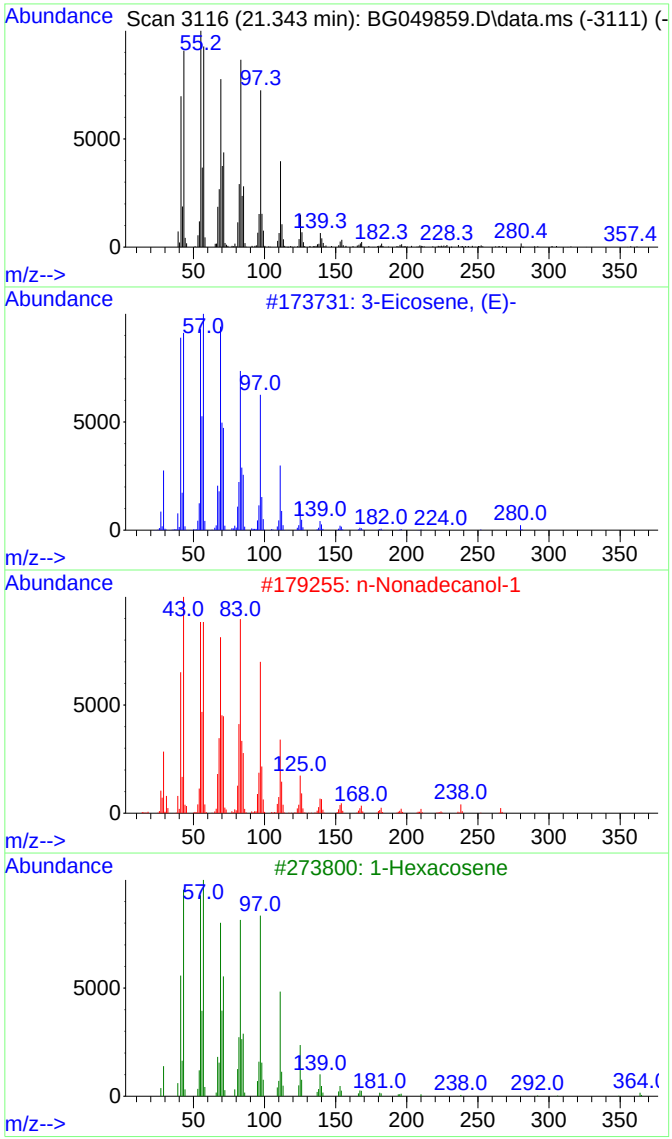
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

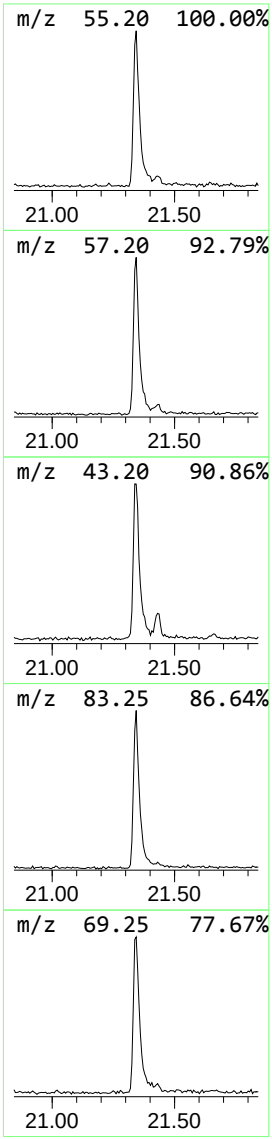
****

Peak Number 15 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.343	47.01 ng	1017280	Chrysene-d12	21.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

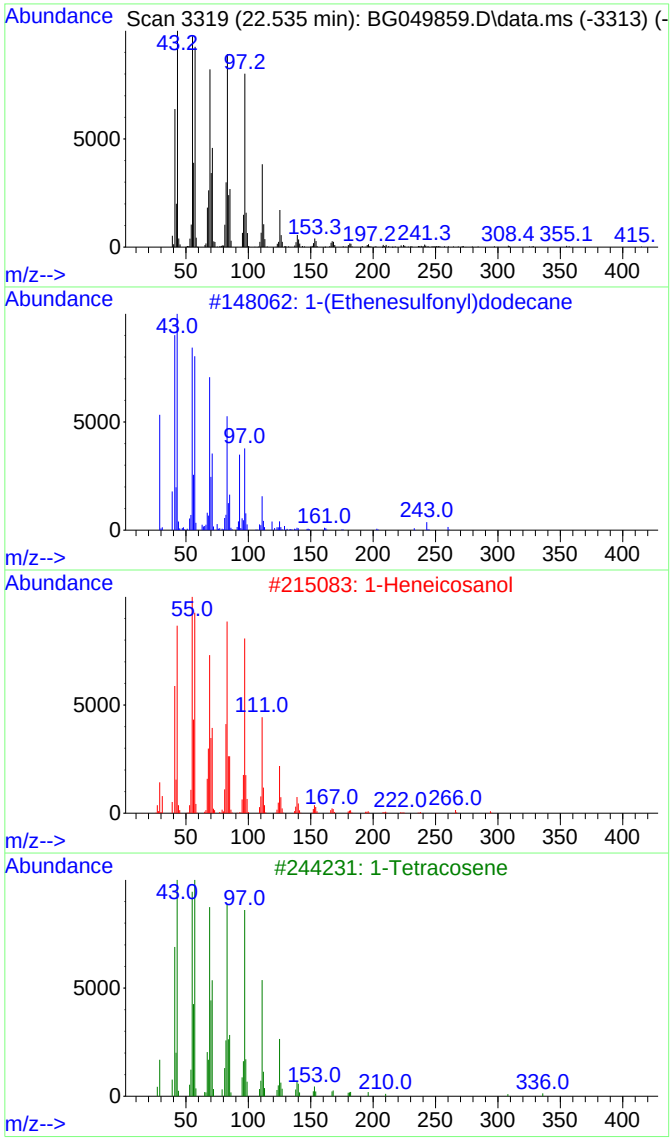
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

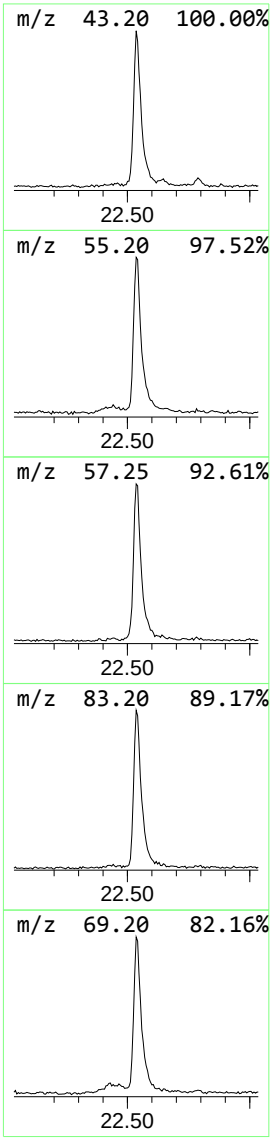
****

Peak Number 16 1-(Ethenesulfonyl)dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.535	69.94 ng	1513410	Chrysene-d12	21.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Ethenesulfonyl)dodecane	260	C14H28O2S	030719-66-5	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Tetracosene	336	C24H48	010192-32-2	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	1-Hexacosene	364	C26H52	018835-33-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

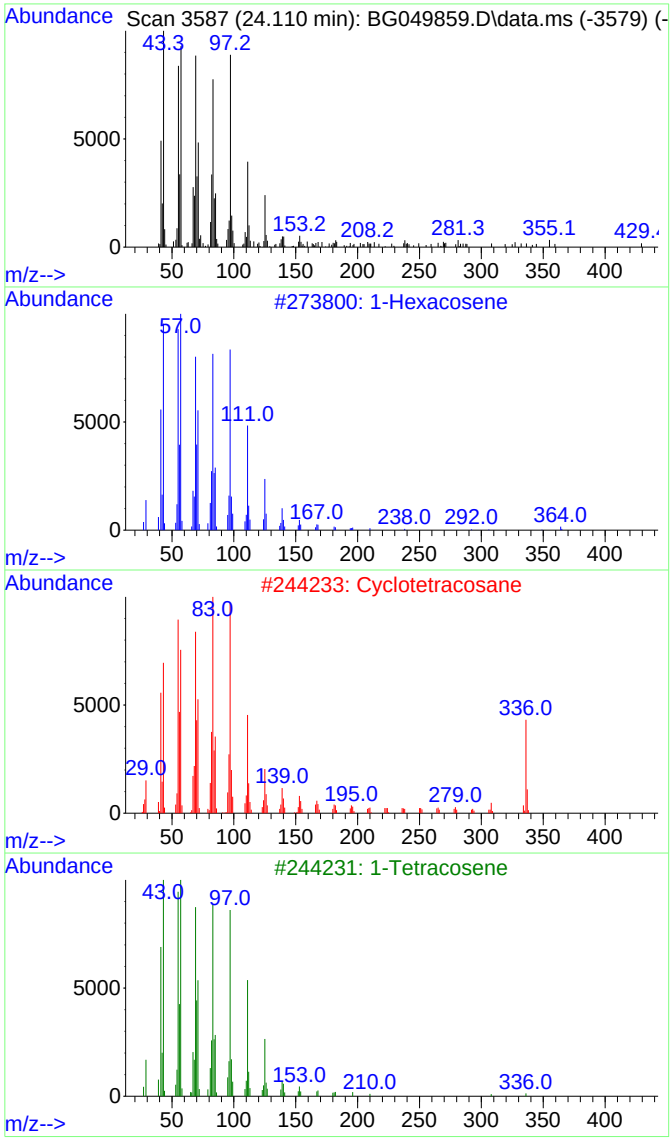
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

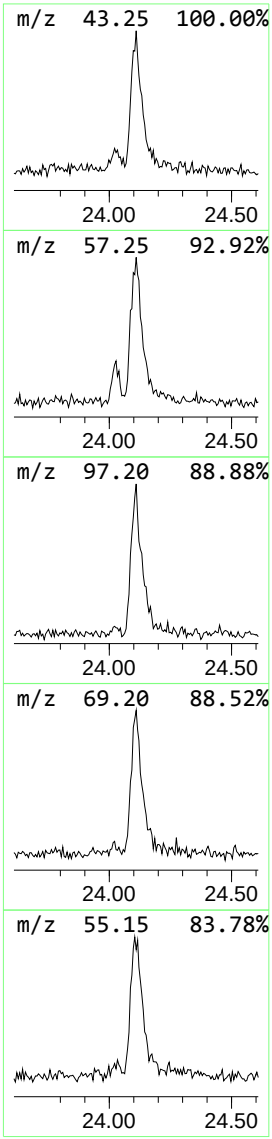
****

Peak Number 17 1-Hexacosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.110	18.63 ng	393844	Perylene-d12	24.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Tetracosene	336	C24H48	010192-32-2	90
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	89
5	Octacosanol	410	C28H58O	000557-61-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

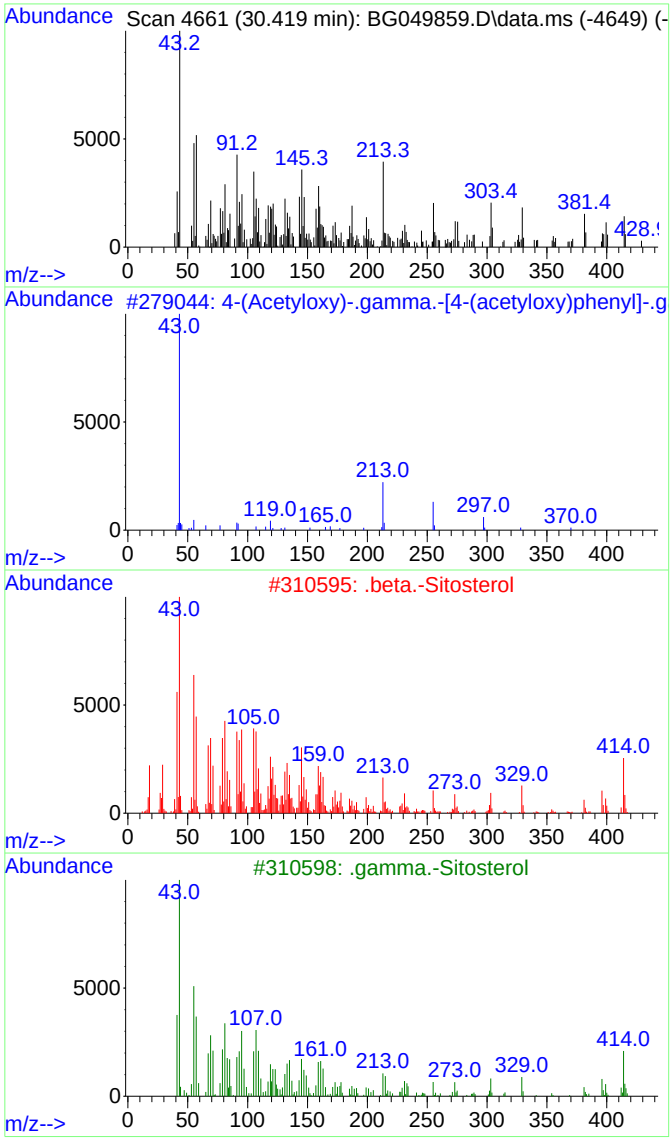
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

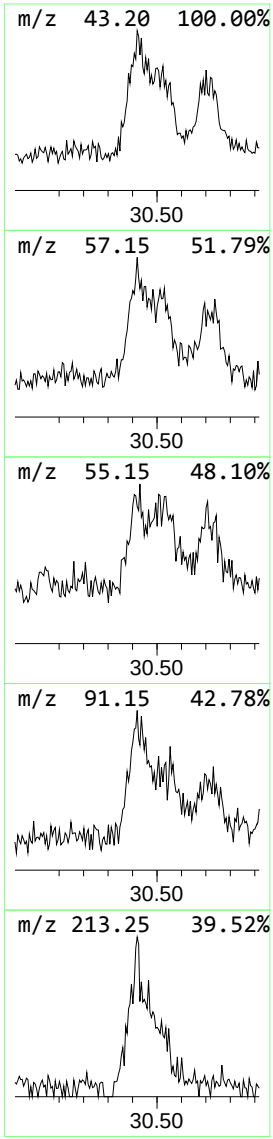
****

Peak Number 18 unknown30.419 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.419	24.00 ng	507558	Perylene-d12	24.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Acetyloxy)-.gamma.-[4-(acetyl...	370	C21H22O6	135439-71-3	38
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	35
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	25
4	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	15
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

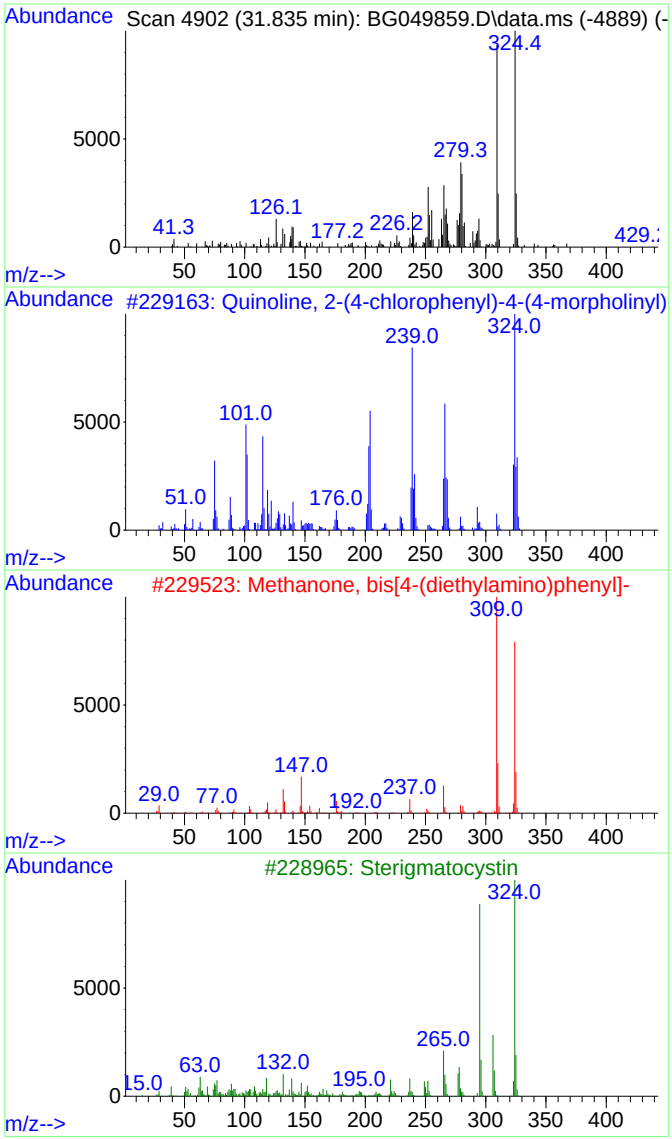
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

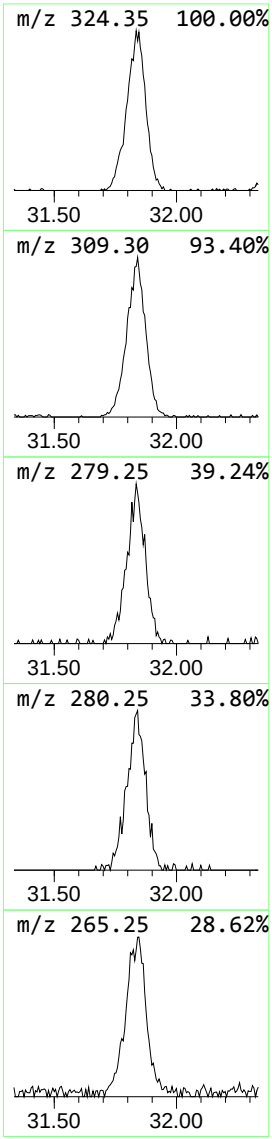
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Quinoline, 2-(4-chloropheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.835	28.31 ng	598707	Perylene-d12	24.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-(4-chlorophenyl)-4-...	324	C19H17ClN2O	1000319-16-1	83
2	Methanone, bis[4-(diethylamino)p...	324	C21H28N2O	000090-93-7	58
3	Sterigmatocystin	324	C18H12O6	010048-13-2	42
4	2-(4-Styrylphenyl)ubdab-1,3-dione	324	C23H16O2	1000434-44-9	38
5	9a-Benzyl-4b,9a-dihydroindeno[1,...	324	C23H16O2	140462-96-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

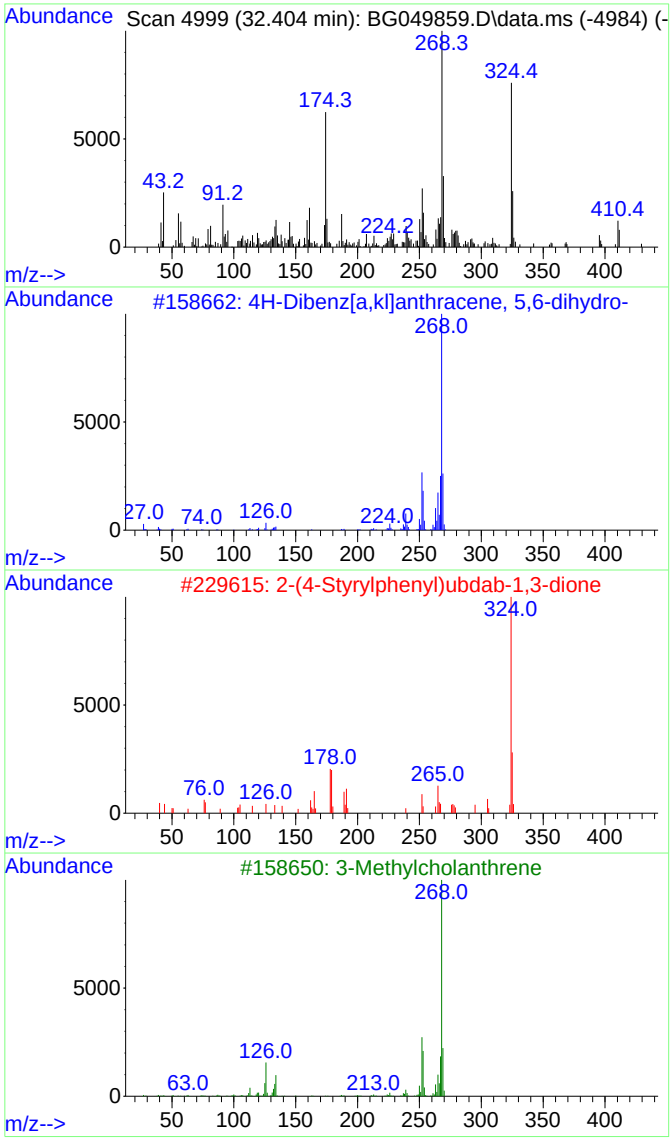
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

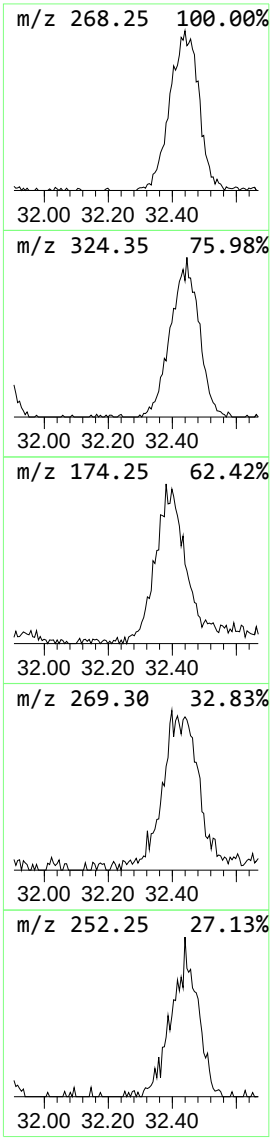
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Dibenz[a,kl]anthracene, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.404	22.75 ng	481088	Perylene-d12	24.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	62
2	2-(4-Styrylphenyl)ubdab-1,3-dione	324	C23H16O2	1000434-44-9	42
3	3-Methylcholanthrene	268	C21H16	000056-49-5	42
4	[1,1':4',1''-Terphenyl]-4-carbon...	325	C24H23N	054211-46-0	38
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049859.D
Acq On : 16 Aug 2021 21:09
Operator : CG/JU
Sample : M3407-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.144	16.1	ng	183998	1	8.026	228315	20.0
Phenethyl isocy...	11.268	13.1	ng	204830	2	10.845	313185	20.0
Phenol, 3,5-bis...	13.377	18.4	ng	420301	3	14.681	457927	20.0
Copaene	13.442	42.0	ng	961171	3	14.681	457927	20.0
Bicyclo[5.2.0]n...	14.000	26.8	ng	614197	3	14.681	457927	20.0
Humulene	14.388	46.1	ng	1055380	3	14.681	457927	20.0
Aromandendrene	14.441	28.9	ng	660580	3	14.681	457927	20.0
Naphthalene, 1,...	14.517	27.0	ng	619083	3	14.681	457927	20.0
.alpha.-Muurolene	14.564	11.2	ng	256392	3	14.681	457927	20.0
1,2,4-Metheno-1...	14.740	31.1	ng	711482	3	14.681	457927	20.0
.gamma.-Muurolene	14.922	30.3	ng	694685	3	14.681	457927	20.0
cis-Calamenene	14.993	18.1	ng	414219	3	14.681	457927	20.0
.alpha.-Cadinol	16.244	26.6	ng	595105	4	17.436	448318	20.0
Naphthalene, 1,...	16.397	17.6	ng	394502	4	17.436	448318	20.0
3-Eicosene, (E)-	21.343	47.0	ng	1017280	5	21.713	432783	20.0
1-(Ethenesulfon...	22.535	69.9	ng	1513410	5	21.713	432783	20.0
1-Hexacosene	24.110	18.6	ng	393844	6	24.985	422904	20.0
unknown30.419	30.419	24.0	ng	507558	6	24.985	422904	20.0
Quinoline, 2-(4...	31.835	28.3	ng	598707	6	24.985	422904	20.0
4H-Dibenz[a,kl]...	32.404	22.8	ng	481088	6	24.985	422904	20.0