LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.180	138	143	155	rVB3	6954	14156	1.73%	0.141%
2	5.608	379	386	395	rBV	336392	539401	66.05%	5.377%
3	6.924	603	610	617	rVB5	4093	9591	1.17%	0.096%
4	7.223	649	661	671	rBV	351229	626565	76.73%	6.246%
5	7.541	710	715	722	rVB6	9728	19055	2.33%	0.190%
6	8.017	791	796	798	rBV3	12735	17966	2.20%	0.179%
7	8.058	798	803	808	rVV2	84520	138416	16.95%	1.380%
8	8.105	810	811	817	rVB4	6572	8824	1.08%	0.088%
9	8.187	817	825	829	rBV2	32673	54795	6.71%	0.546%
10	8.275	837	840	846	rBV7	7864	14869	1.82%	0.148%
11	8.340	846	851	856	rVB4	14397	21345	2.61%	0.213%
12	8.833	930	935	940	rVB6	11419	21481	2.63%	0.214%
13	8.892	940	945	951	rBV5	10979	18796	2.30%	0.187%
14	9.133	981	986	987	rBV3	6019	8611	1.05%	0.086%
15	9.168	987	992	996	rVV6	12883	26792	3.28%	0.267%
16	9.227	996	1002	1014	rVB	228982	415114	50.83%	4.138%
17	9.380	1022	1028	1029	rBV3	6400	9682	1.19%	0.097%
18	9.415	1030	1034	1042	rVB5	8835	17915	2.19%	0.179%
19	9.697	1079	1082	1086	rBV4	6548	9362	1.15%	0.093%
20	9.791	1094	1098	1101	rBV2	7646	10055	1.23%	0.100%
21	9.991	1129	1132	1137	rVB	11255	15271	1.87%	0.152%
22	10.049	1137	1142	1147	rBV5	10728	19781	2.42%	0.197%
23	10.666	1238	1247	1249	rBV3	4290	8738	1.07%	0.087%
24	10.884	1278	1284	1289	rVV	114146	205533	25.17%	2.049%
25	10.937	1289	1293	1298	rVB2	21795	37506	4.59%	0.374%
26	11.025	1304	1308	1312	rVB2	11122	20202	2.47%	0.201%
27	11.542	1390	1396	1398	rBV5	5634	10347	1.27%	0.103%
28	11.577	1398	1402	1407	rVB6	12719	20728	2.54%	0.207%
29	11.700	1422	1423	1429	rVB5	5845	9516	1.17%	0.095%
30	11.894	1447	1456	1460	rBV2	50929	90736	11.11%	0.905%
31	11.930	1460	1462	1466	rVV4	12540	17484	2.14%	0.174%
32	11.977	1466	1470	1476	rVB7	9475	18913	2.32%	0.189%
33	12.212	1505	1510	1516	rBV8	6210	12614	1.54%	0.126%
34	12.270	1516	1520	1526	rBV6	8497	20661	2.53%	0.206%
35	12.364	1533	1536	1540	rBV5	7537	13369	1.64%	0.133%
36	12.499	1553	1559	1564	rVB7	12820	26939	3.30%	0.269%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.729	1594	1598	1600	rBV5	5516	9427	1.15%	0.094%
38	12.917	1626	1630	1633	rBV5	12783	16968	2.08%	0.169%
39	12.981	1637	1641	1650	rVB3	30980	59126	7.24%	0.589%
40	13.111	1661	1663	1667	rVB5	10183	9843	1.21%	0.098%
41	13.234	1679	1684	1691	rVB2	103868	151425	18.54%	1.510%
42	13.334	1693	1701	1712	rVB	426359	668469	81.86%	6.664%
43	13.498	1721	1729	1731	rBV6	24580	46431	5.69%	0.463%
44	13.592	1741	1745	1749	rBV2	48547	79643	9.75%	0.794%
45	13.763	1772	1774	1780	rVB7	17716	23284	2.85%	0.232%
46	13.986	1807	1812	1816	rBV7	24490	33439	4.09%	0.333%
47	14.039	1816	1821	1825	rVV6	28314	50135	6.14%	0.500%
48	14.086	1826	1829	1833	rVV4	24065	31069	3.80%	0.310%
49	14.133	1833	1837	1840	rBV4	46560	66485	8.14%	0.663%
50	14.180	1840	1845	1851	rVB3	170299	235168	28.80%	2.344%
51	14.227	1851	1853	1855	rBV3	9514	12077	1.48%	0.120%
52	14.397	1880	1882	1885	rVB4	9803	8618	1.06%	0.086%
53	14.444	1886	1890	1891	rBV4	19711	22092	2.71%	0.220%
54	14.538	1901	1906	1911	rVB5	52574	84097	10.30%	0.838%
55	14.679	1924	1930	1932	rBV5	36229	71193	8.72%	0.710%
56	14.715	1932	1936	1942	rVV	165219	275071	33.68%	2.742%
57	14.762	1942	1944	1947	rVV3	11009	15071	1.85%	0.150%
58	14.797	1947	1950	1955	rVB7	18610	26141	3.20%	0.261%
59	14.926	1967	1972	1980	rVB8	31568	71834	8.80%	0.716%
60	15.002	1982	1985	1986	rBV3	14595	16539	2.03%	0.165%
61	15.102	1997	2002	2008	rBV4	43195	74339	9.10%	0.741%
62	15.185	2013	2016	2019	rBV2	24566	34233	4.19%	0.341%
63	15.331	2036	2041	2046	rBV7	39204	75629	9.26%	0.754%
64	15.378	2047	2049	2054	rVB5	21186	26353	3.23%	0.263%
65	15.431	2054	2058	2062	rVB7	23839	32328	3.96%	0.322%
66	15.502	2064	2070	2073	rBV7	41783	69474	8.51%	0.693%
67	15.602	2083	2087	2091	rBV7	15748	30342	3.72%	0.302%
68	15.760	2110	2114	2117	rBV5	18719	32676	4.00%	0.326%
69	15.819	2121	2124	2128	rVB4	42994	56941	6.97%	0.568%
70	15.948	2138	2146	2158	rBV	106282	210281	25.75%	2.096%
71	16.213	2186	2191	2198	rVB	389240	544781	66.71%	5.431%
72	16.436	2221	2229	2235	rBV	250650	389749	47.73%	3.885%
73	16.530	2241	2245	2249	rBV6	13268	29431	3.60%	0.293%
74	16.565	2249	2251	2253	rBV3	12634	13585	1.66%	0.135%
75	17.118	2343	2345	2347	rBV3	9769	9191	1.13%	0.092%
76	17.259	2364	2369	2373	rBV2	75069	113479	13.90%	1.131%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.476	2400	2406	2411	rBV	198692	313984	38.45%	3.130%
78	17.870	2470	2473	2476	rBV5	22783	30977	3.79%	0.309%
79	18.592	2594	2596	2601	rVB6	25904	23821	2.92%	0.237%
80	18.757	2619	2624	2629	rVB5	78536	130291	15.96%	1.299%
81	18.945	2652	2656	2663	rVB8	62708	96909	11.87%	0.966%
82	19.086	2677	2680	2687	rVB6	46763	81266	9.95%	0.810%
83	19.215	2697	2702	2708	rBV8	29671	73807	9.04%	0.736%
84	19.268	2708	2711	2716	rVB6	34714	44854	5.49%	0.447%
85	19.844	2806	2809	2813	rBV2	39459	48358	5.92%	0.482%
86	20.085	2846	2850	2855	rVB	675289	816610	100.00%	8.141%
87	20.302	2883	2887	2892	rVB	71286	95653	11.71%	0.954%
88	20.378	2896	2900	2904	rVB3	63433	75422	9.24%	0.752%
89	20.872	2981	2984	2991	rVB	65185	85034	10.41%	0.848%
90	21.389	3068	3072	3078	rVB	129662	184124	22.55%	1.835%
91	21.577	3100	3104	3111	rVB3	76760	110567	13.54%	1.102%
92	21.771	3132	3137	3143	rVB2	189980	323619	39.63%	3.226%
93	21.947	3164	3167	3174	rVB3	58101	84127	10.30%	0.839%
94	22.570	3269	3273	3280	rBV3	61816	127098	15.56%	1.267%
95	23.287	3391	3395	3400	rVB6	34140	57274	7.01%	0.571%
96	24.121	3531	3537	3543	rVB2	110856	225329	27.59%	2.246%
97	25.108	3695	3705	3712	rBV3	133837	379127	46.43%	3.779%
98	26.277	3897	3904	3913	rVB3	68669	211829	25.94%	2.112%
99	28.011	4197	4199	4202	rBV4	10952	15022	1.84%	0.150%
100	31.847	4848	4852	4853	rBV4	14156	18626	2.28%	0.186%

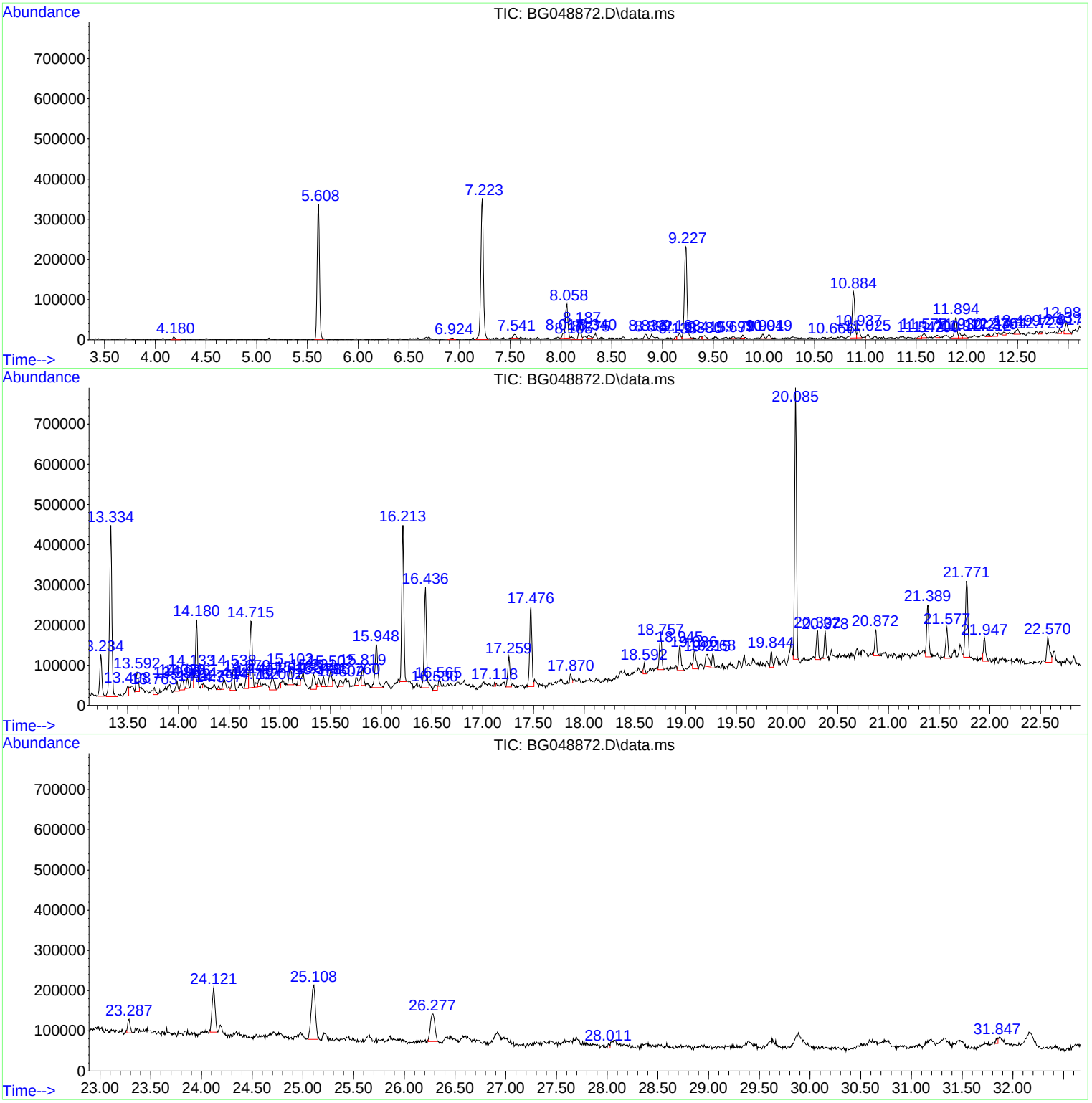
Sum of corrected areas: 10031314

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

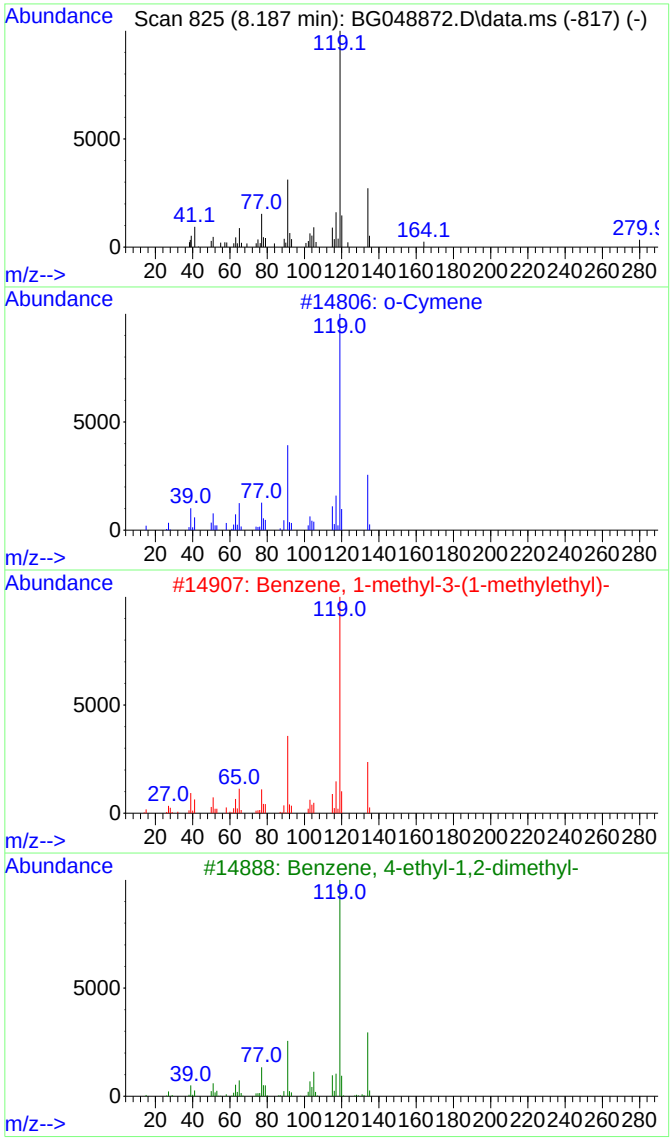
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

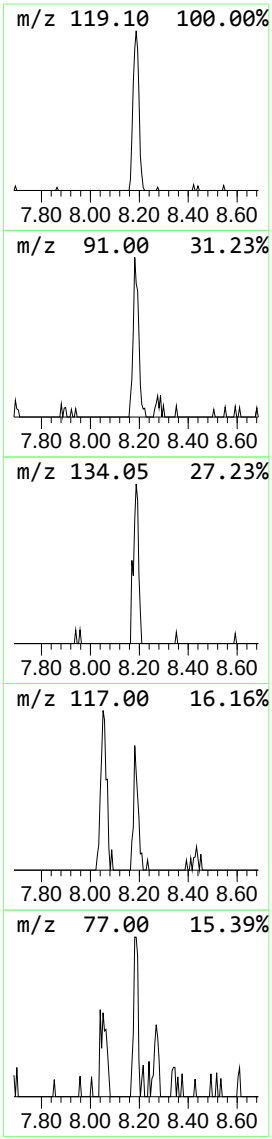
****

Peak Number 1 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.187	7.92 ng	54795	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

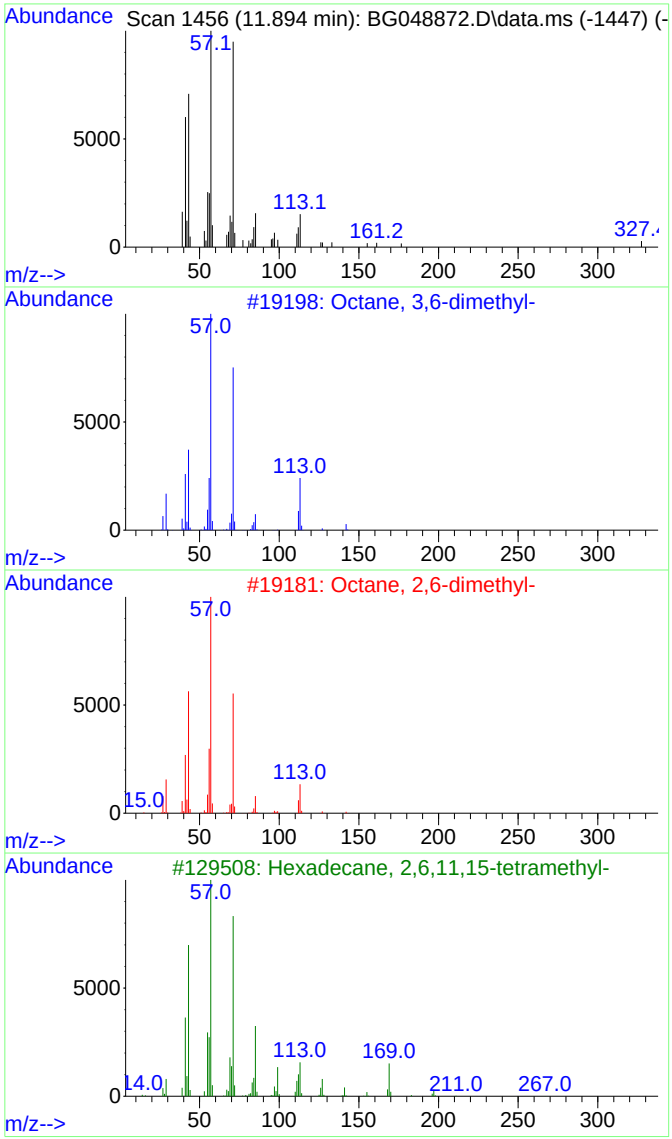
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

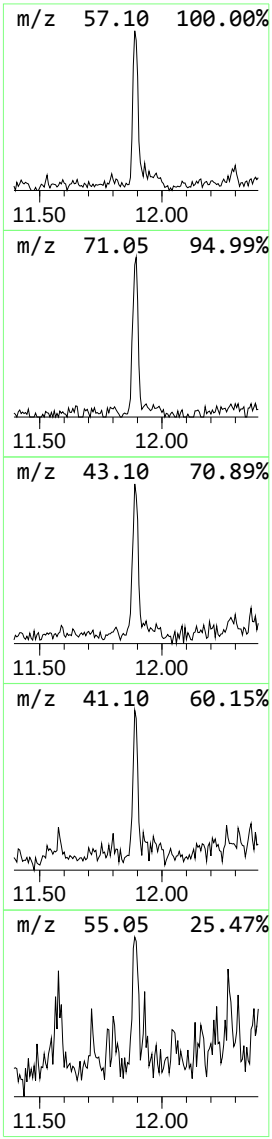
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.894	8.83 ng	90736	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

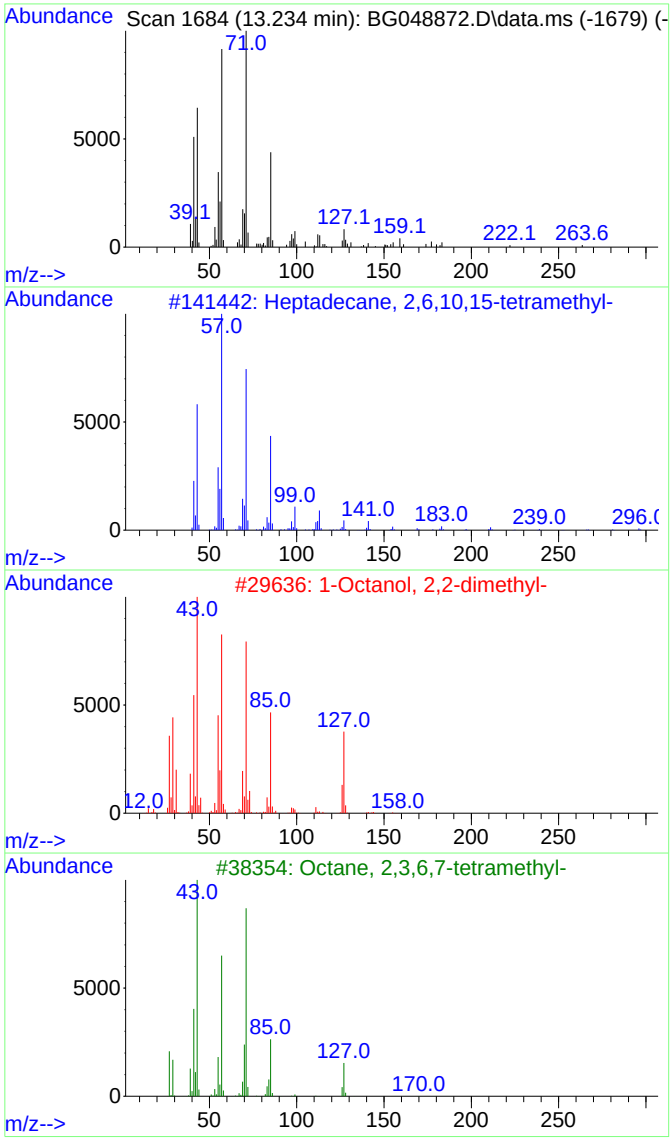
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

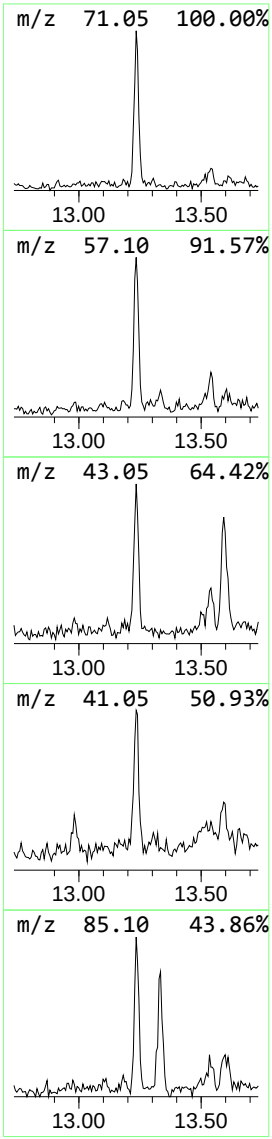
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	11.01 ng	151425	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	72
3	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

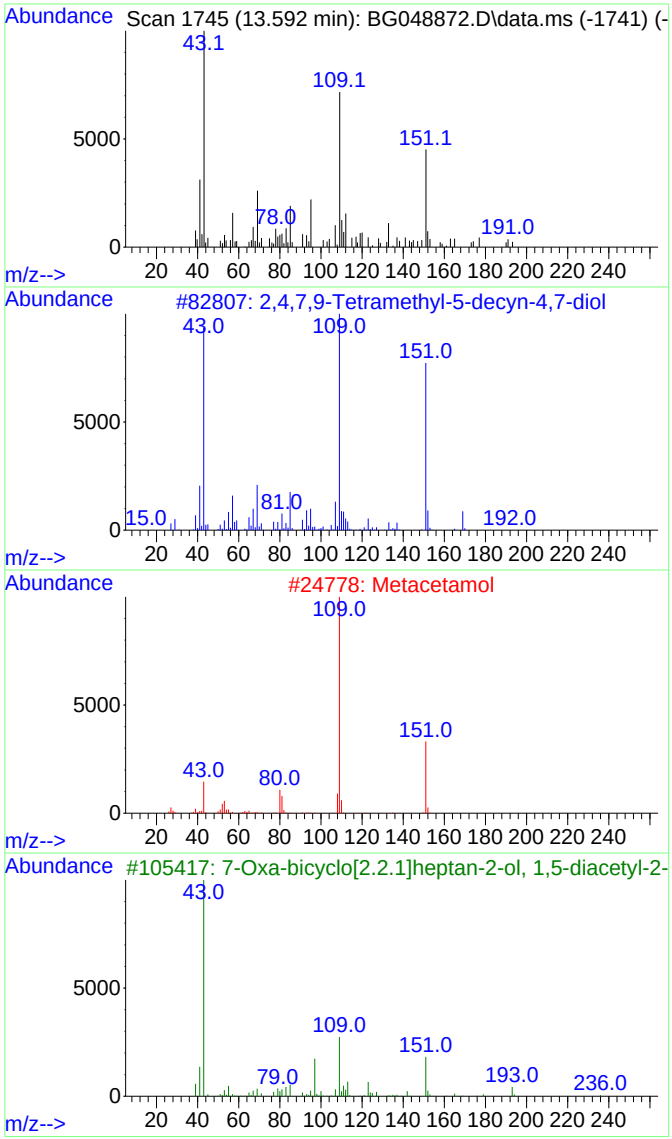
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

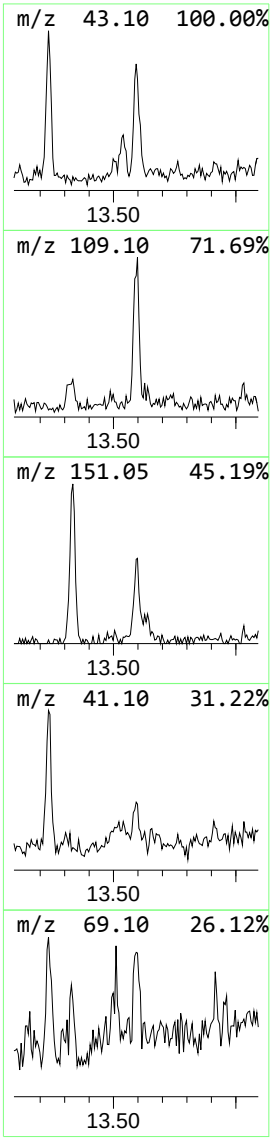
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	5.79 ng	79643	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
2	Metacetamol	151	C8H9NO2	000621-42-1	43
3	7-Oxa-bicyclo[2.2.1]heptan-2-ol,...	254	C14H22O4	329362-13-2	38
4	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	38
5	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

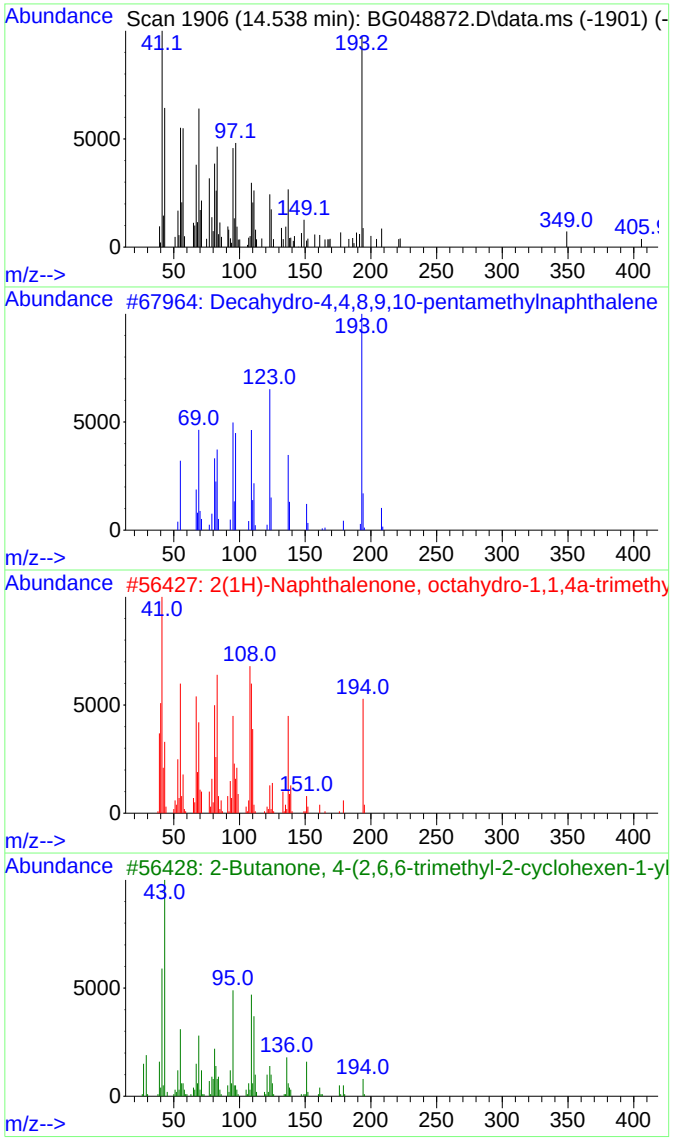
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

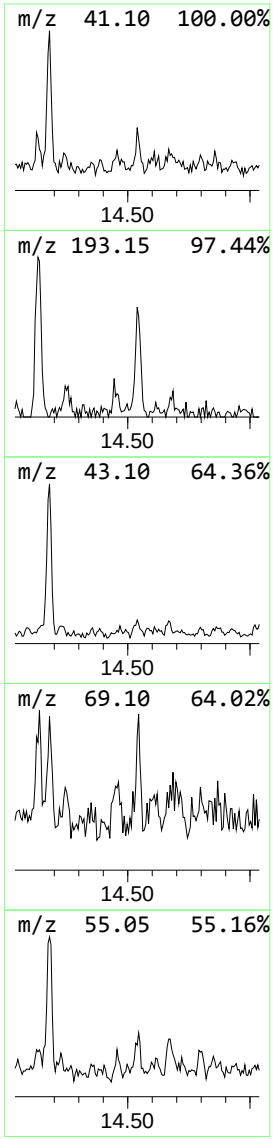
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	6.11 ng	84097	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	62
2	2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	25
3	2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	039721-65-8	18
4	4-Pyrimidinamine, 2-methoxy-6-(t...	193	C6H6F3N3O	054824-10-1	14
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

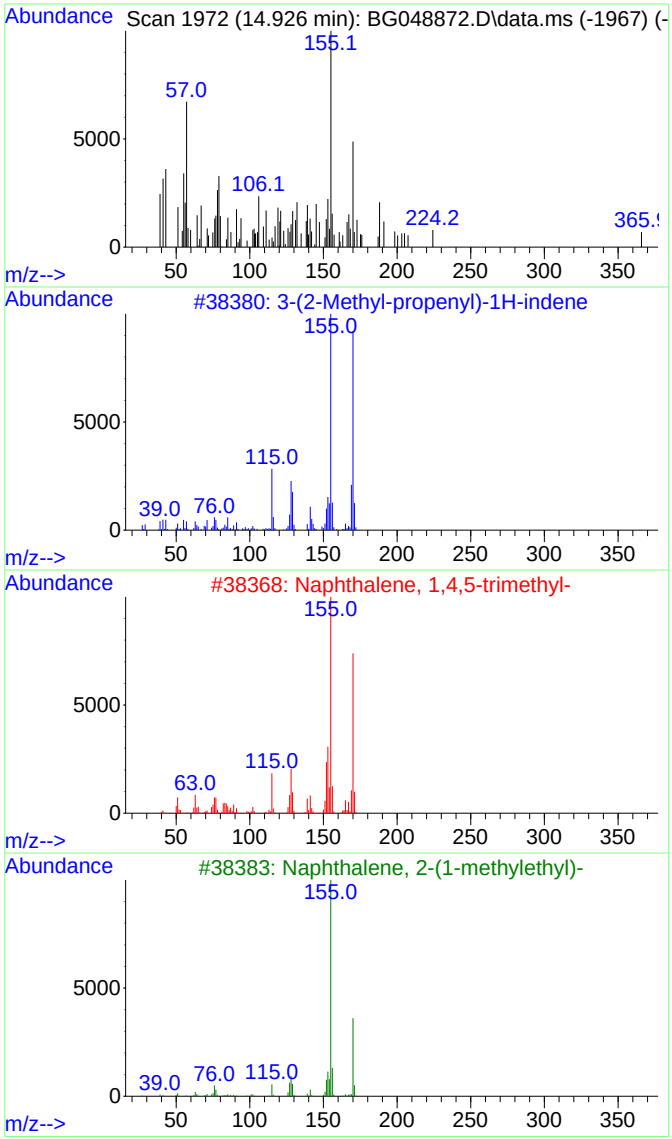
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

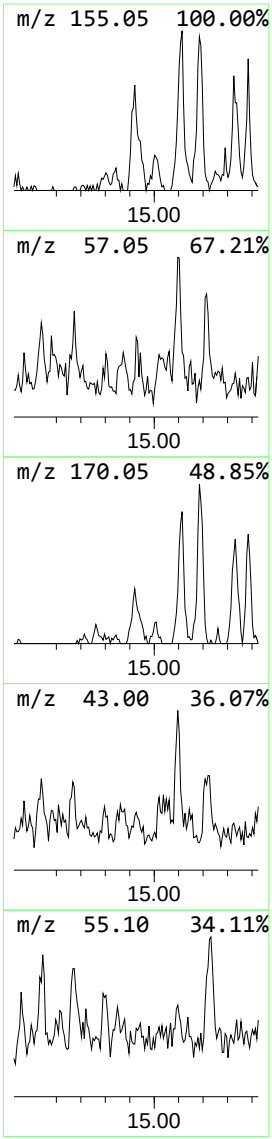
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	5.22 ng	71834	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	55
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

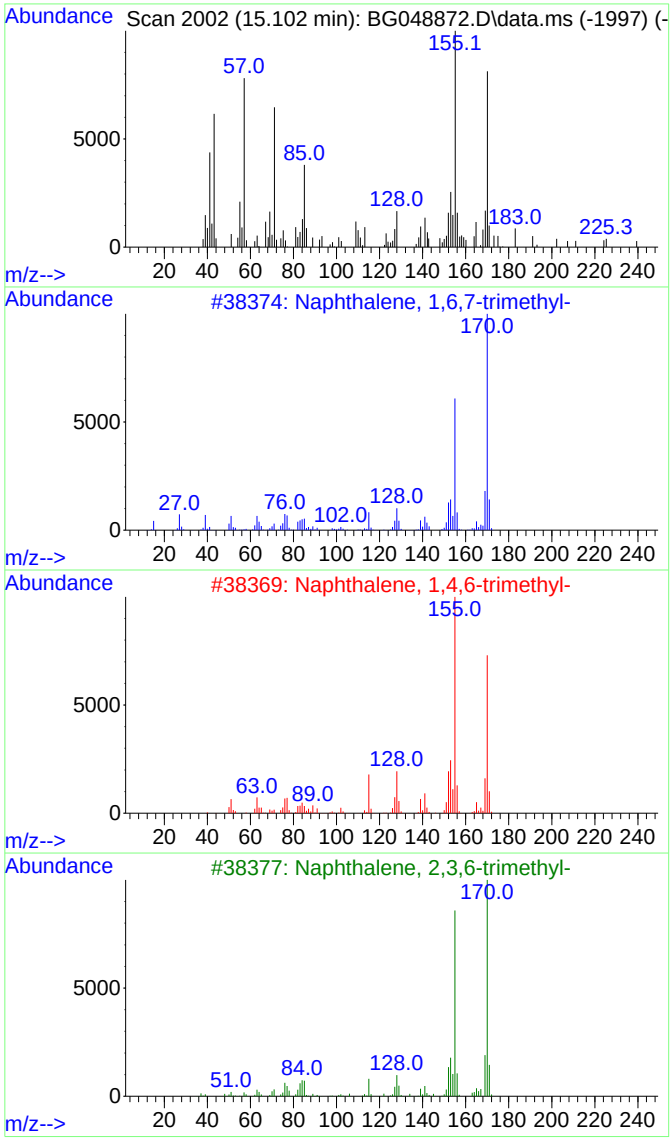
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

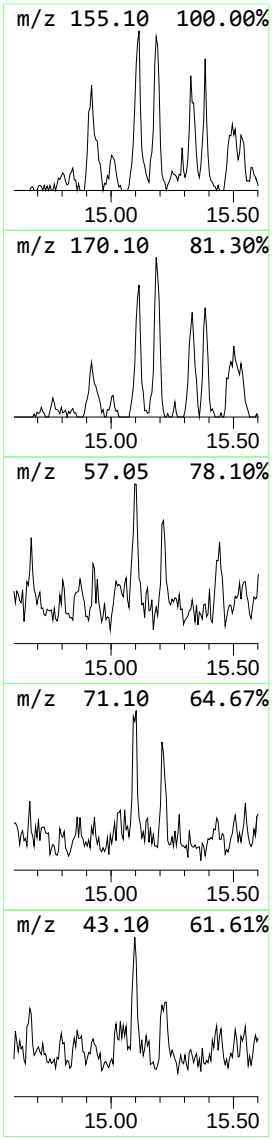
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.102	5.41 ng	74339	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

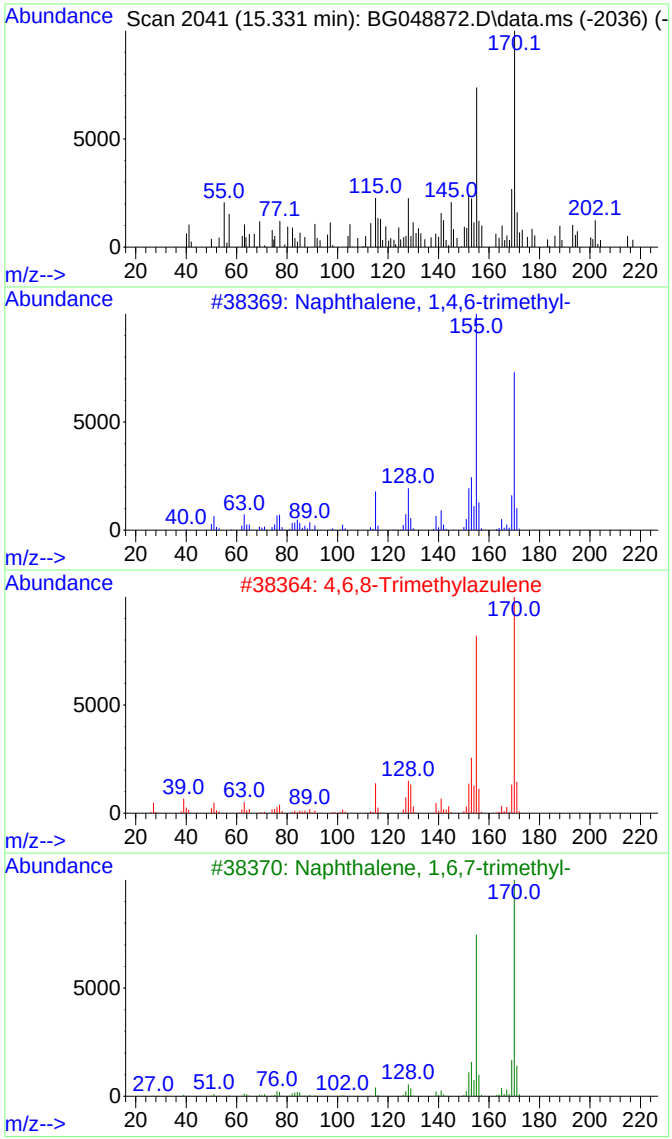
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

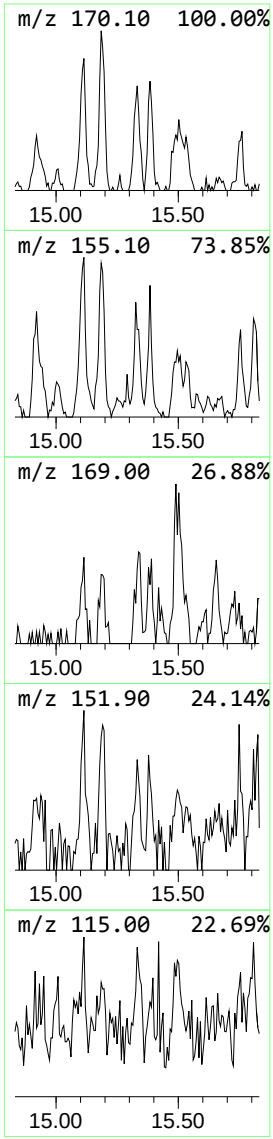
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.332	5.50 ng	75629	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

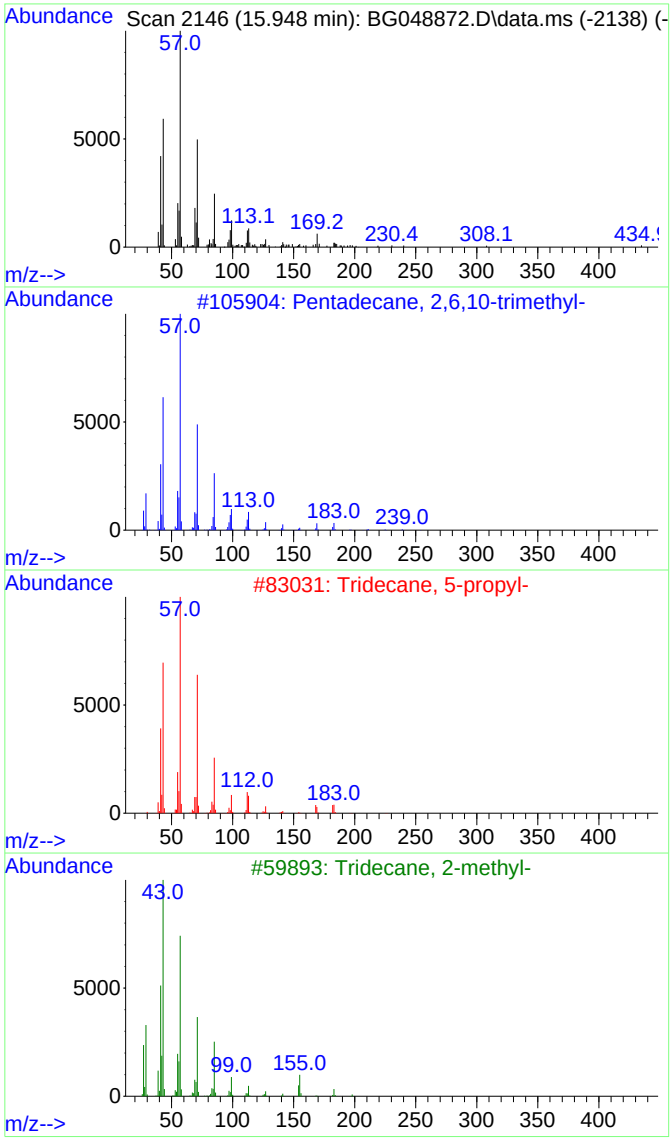
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

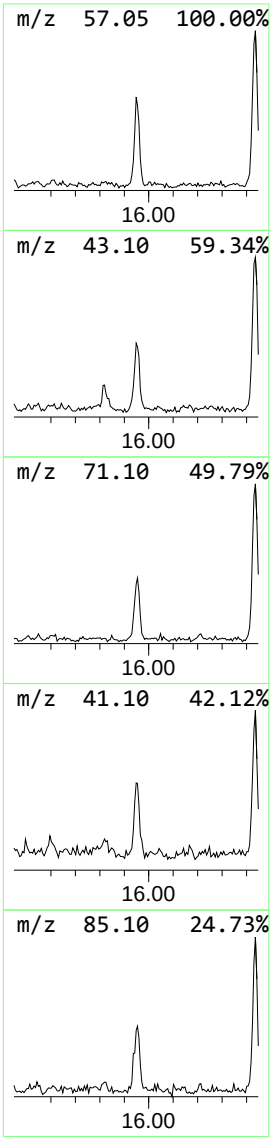
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.948	15.29 ng	210281	Acenaphthene-d10	14.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

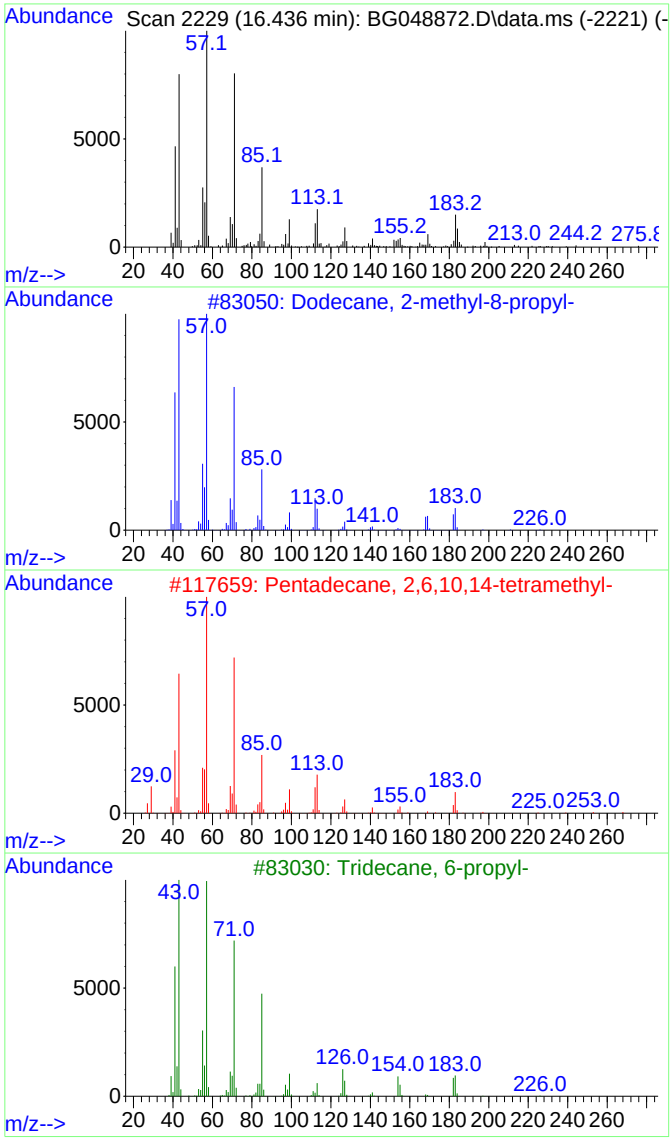
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

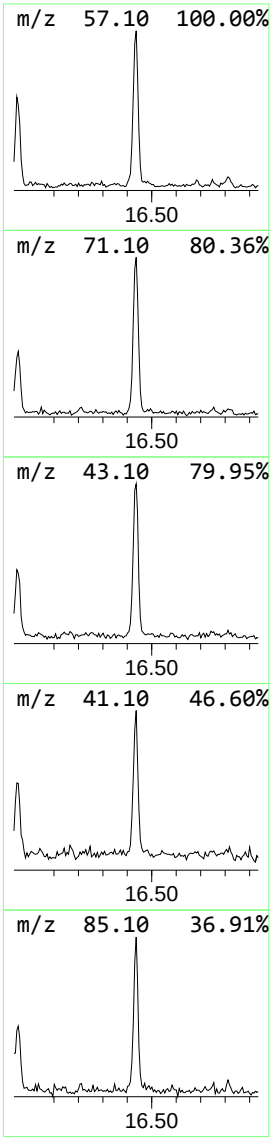
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2-methyl-8-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.436	24.83 ng	389749	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	93
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

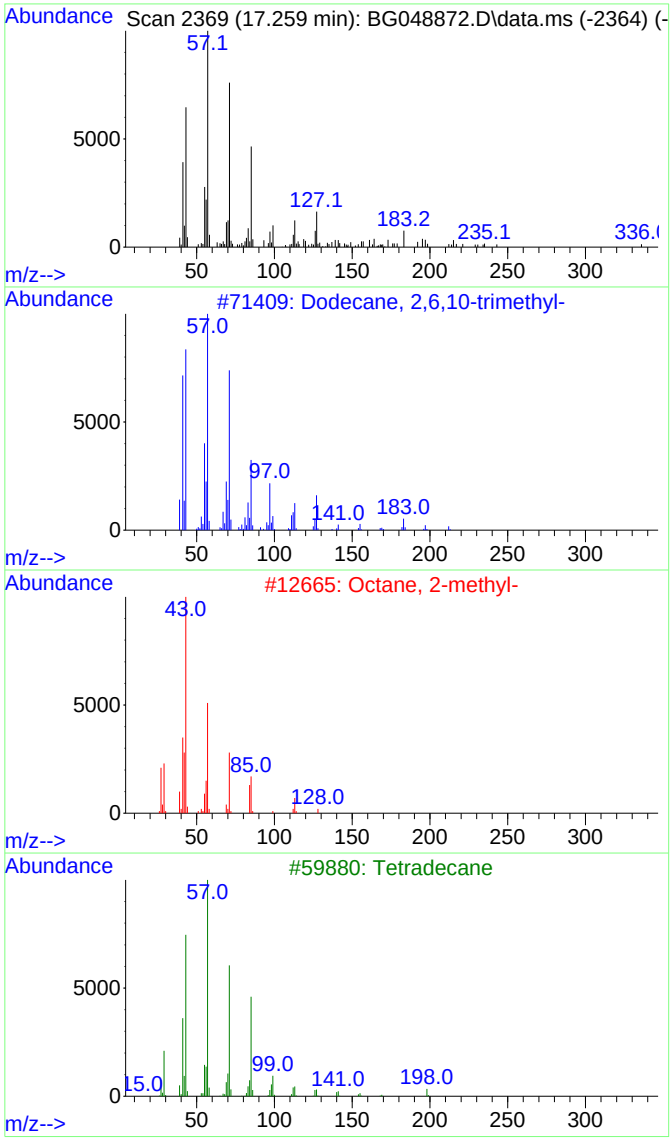
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

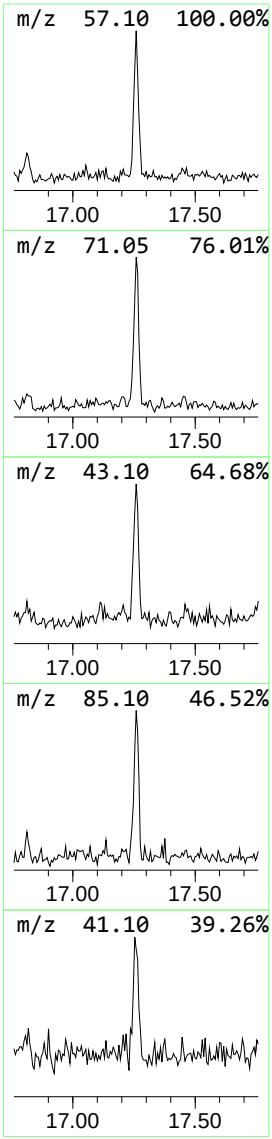
****

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	7.23 ng	113479	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Octane, 2-methyl-	128	C9H20	003221-61-2	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

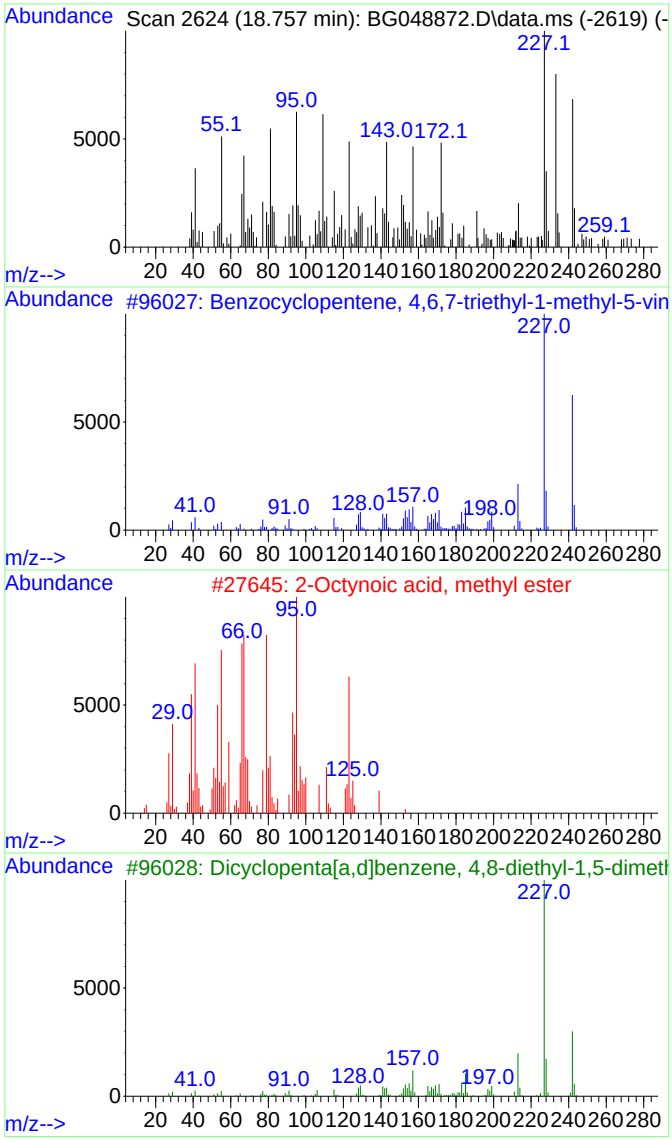
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

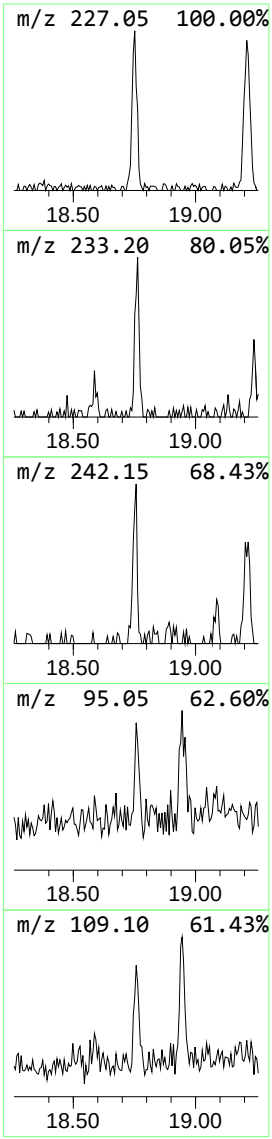
****

Peak Number 12 unknown18.757 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	8.30 ng	130291	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocyclopentene, 4,6,7-triethy...	242	C18H26	1000156-41-5	25
2	2-Octynoic acid, methyl ester	154	C9H14O2	000111-12-6	14
3	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	14
4	Cis-2-methyl-4-n-butylthiane	172	C10H20S	076097-67-1	11
5	4,5-Dimethyl-4-nitro-2-phenyl-2,...	233	C11H11N3O3	1000300-94-0	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

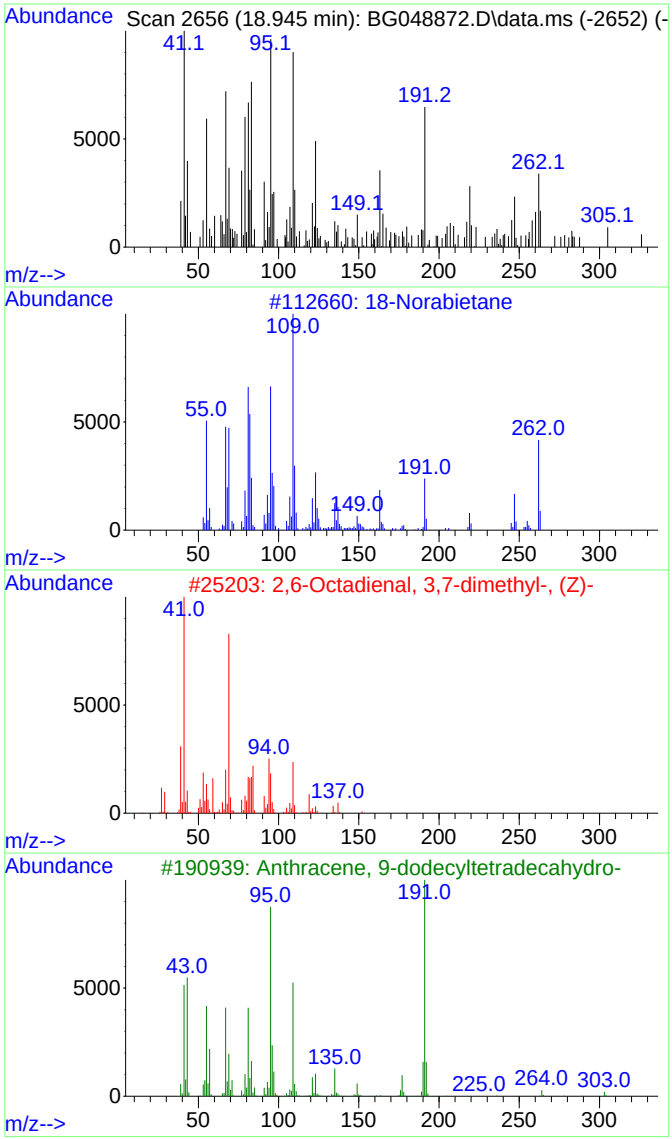
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

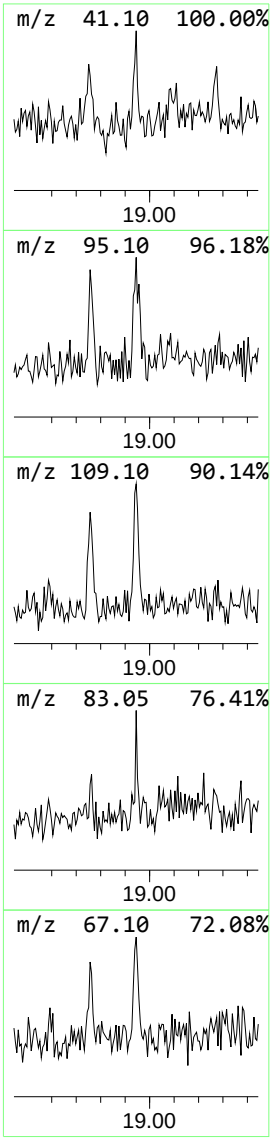
****

Peak Number 13 18-Norabietane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	6.17 ng	96909	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	50
2	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	47
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
4	8-Thiabicyclo[4.3.0]nonane S-oxide	158	C8H14OS	1000215-10-0	27
5	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

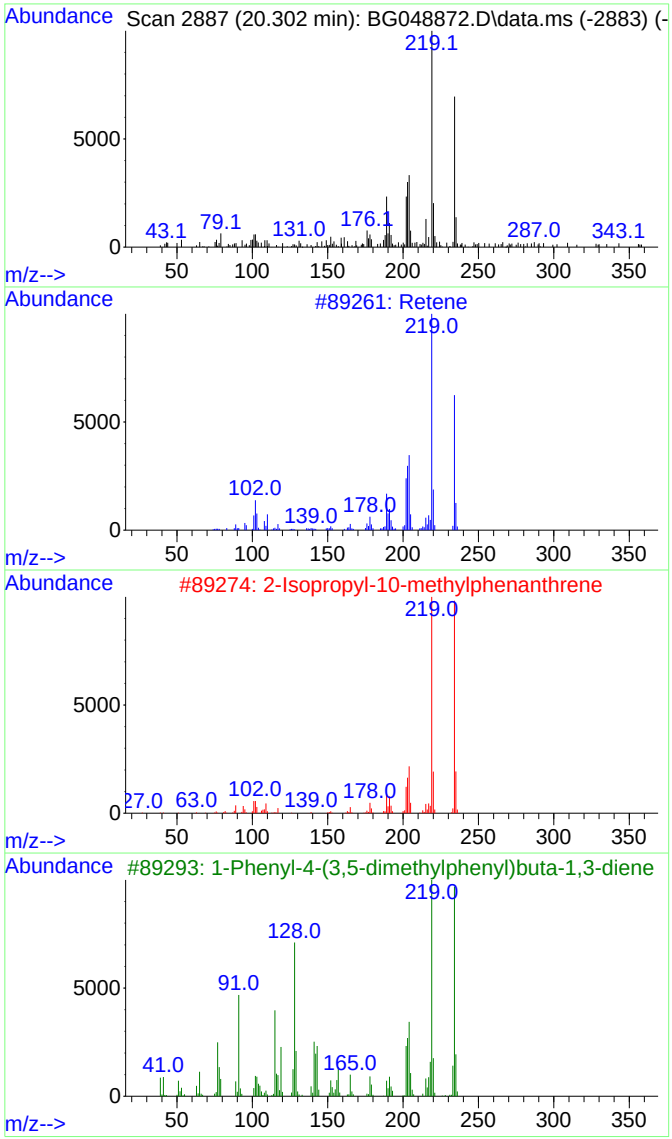
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

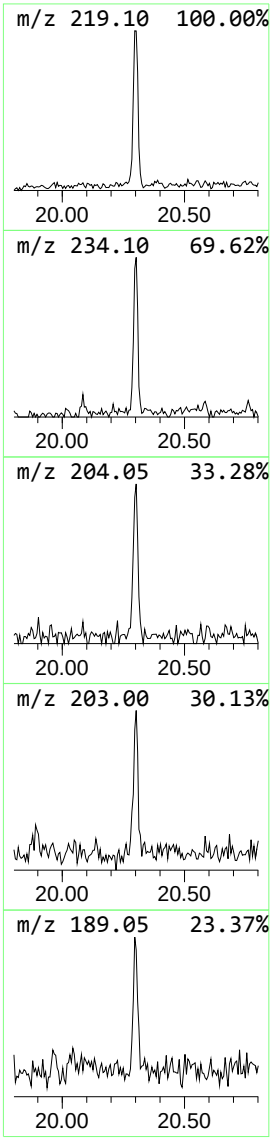
****

Peak Number 14 Retene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.302	5.91 ng	95653	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

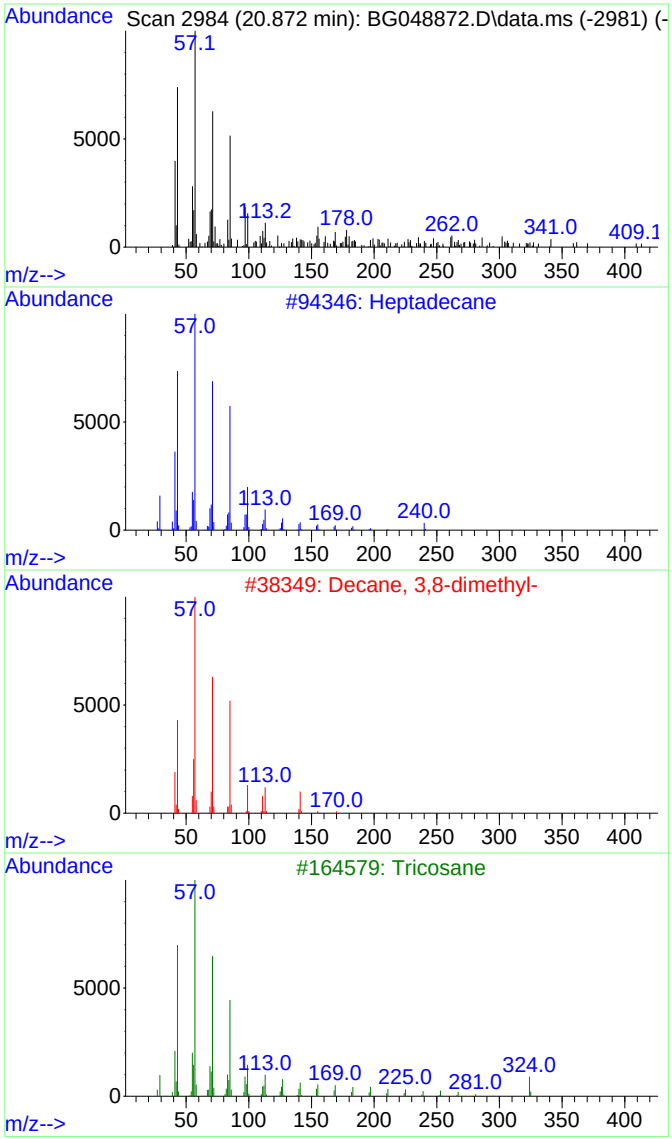
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

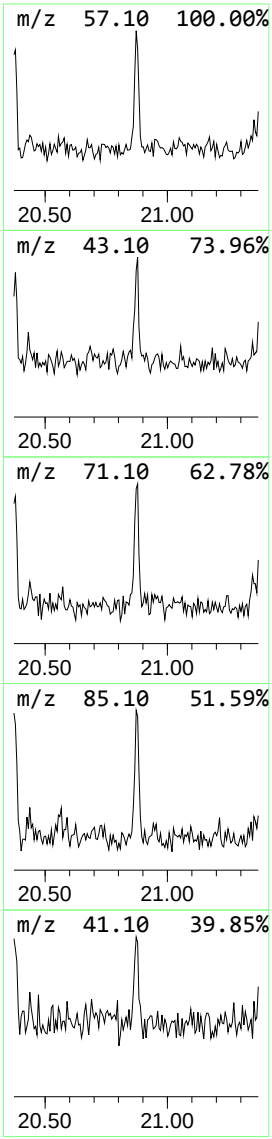
****

Peak Number 15 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.872	5.26 ng	85034	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
3	Tricosane	324	C23H48	000638-67-5	62
4	Undecane	156	C11H24	001120-21-4	62
5	Tridecane	184	C13H28	000629-50-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

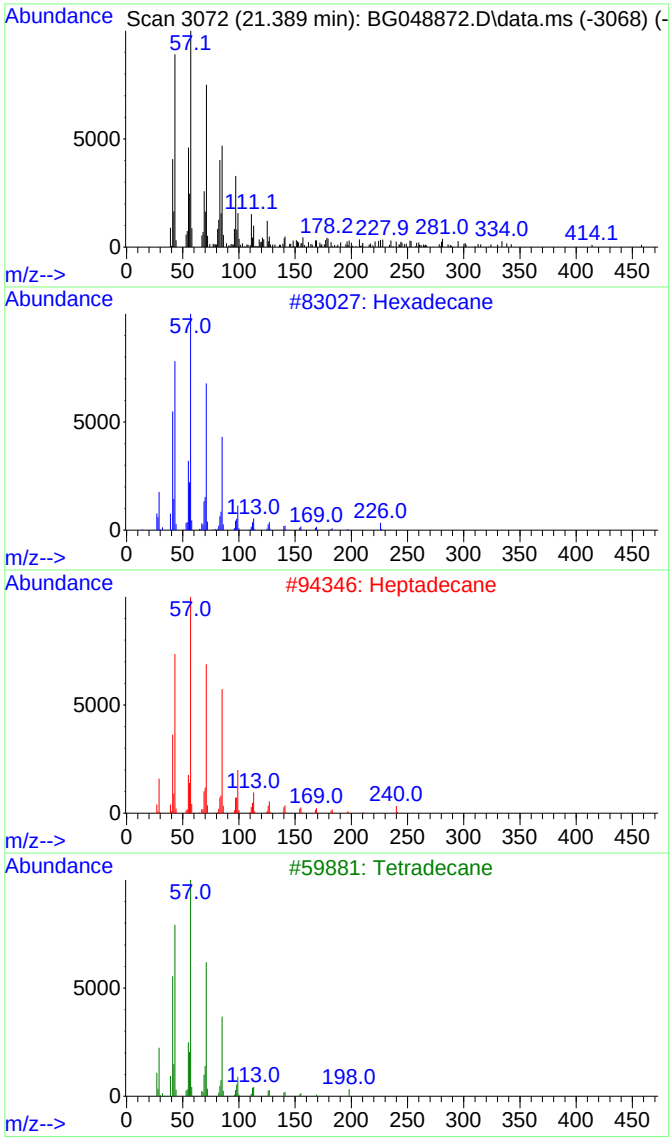
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

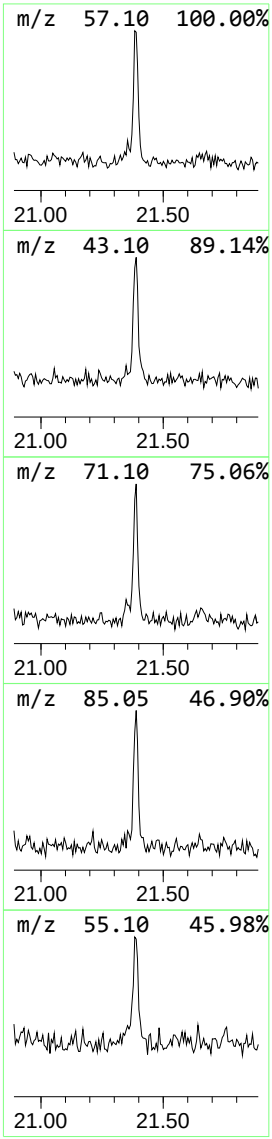
****

Peak Number 16 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.389	11.38 ng	184124	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Tetradecane	198	C14H30	000629-59-4	90
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
5	4-Methyldocosane	324	C23H48	025117-30-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

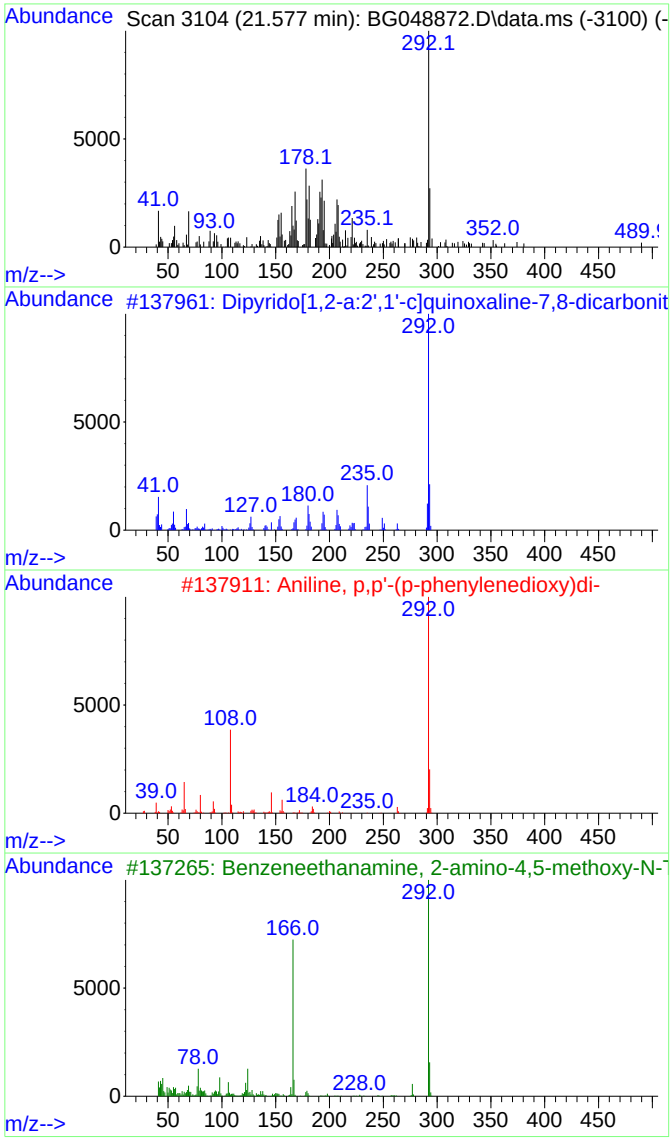
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

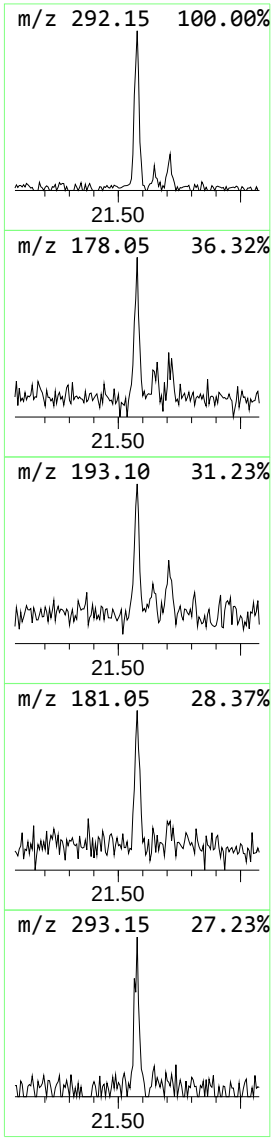
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown21.577 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.577	6.83 ng	110567	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipyrido[1,2-a:2',1'-c]quinoxali...	292	C18H20N4	1000303-96-3	27
2	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	22
3	Benzeneethanamine, 2-amino-4,5-m...	292	C12H15F3N2O3	1000125-99-1	22
4	4-(p-(Dimethylamino)benzylidene)...	292	C18H16N2O2	065156-10-7	22
5	4,6-Di(4-methoxyphenyl)pyrimidine	292	C18H16N2O2	183670-49-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

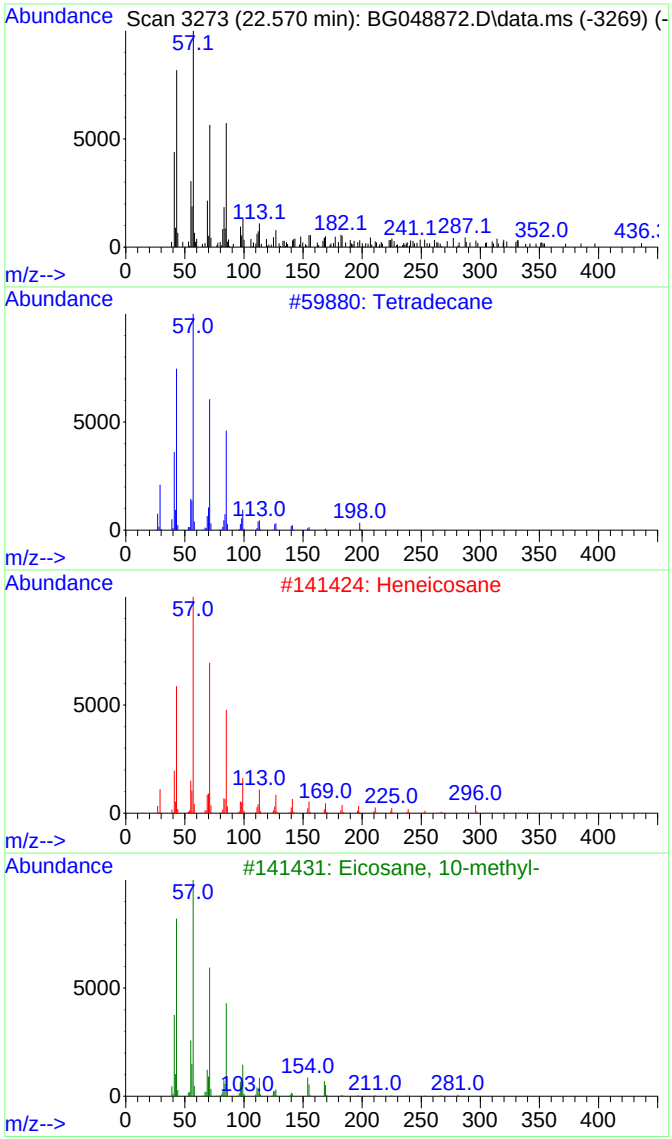
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

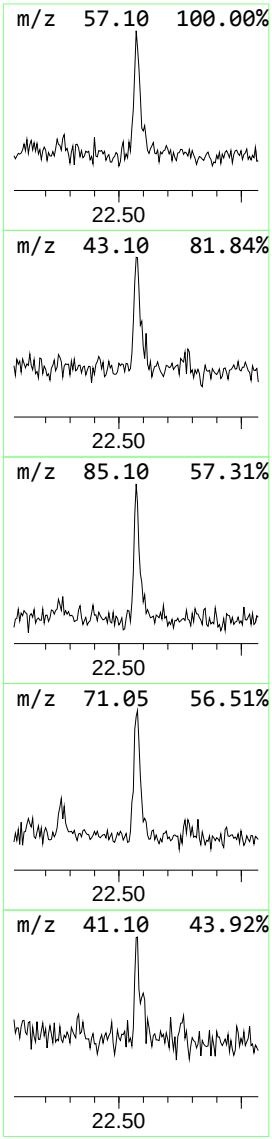
****

Peak Number 18 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.570	7.85 ng	127098	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Heneicosane	296	C21H44	000629-94-7	70
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4	Tetracosane	338	C24H50	000646-31-1	55
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

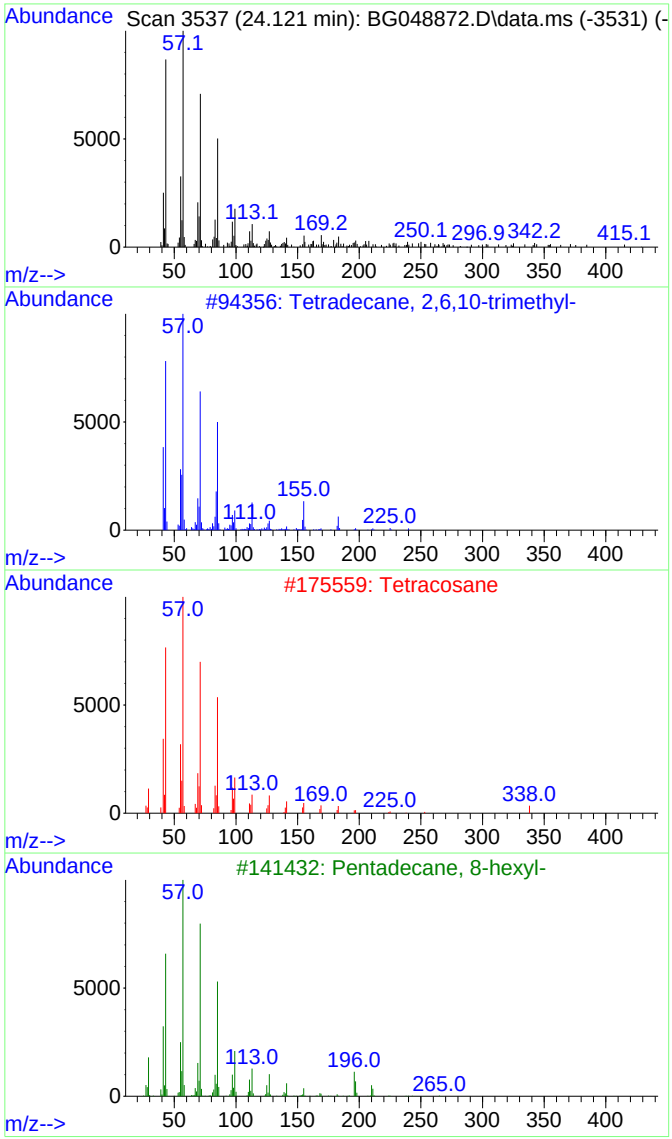
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

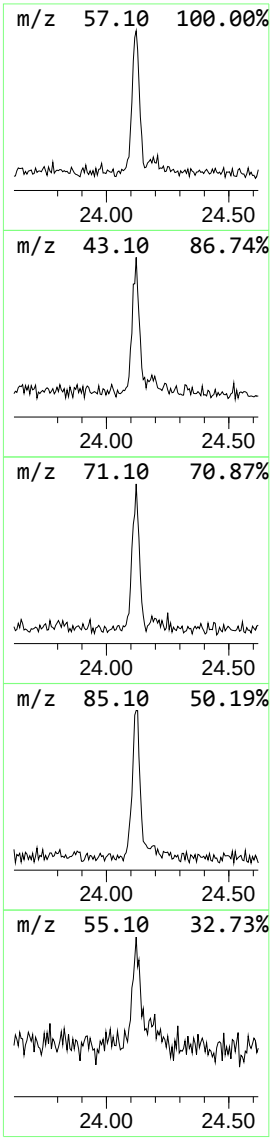
****

Peak Number 19 Tetradecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.121	11.89 ng	225329	Perylene-d12	25.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

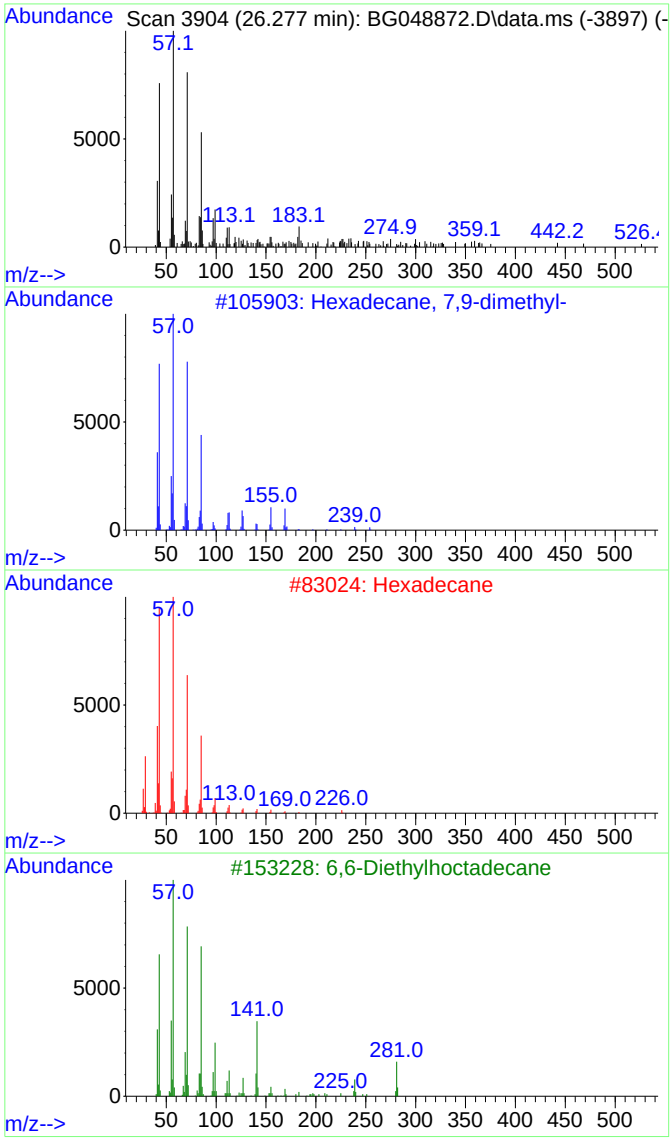
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

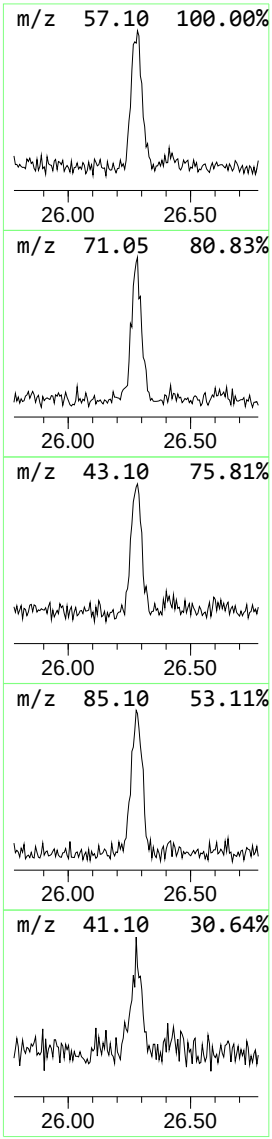
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 7,9-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.278	11.17 ng	211829	Perylene-d12	25.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	81
2	Hexadecane	226	C16H34	000544-76-3	74
3	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048872.D
Acq On : 23 Apr 2021 20:53
Operator : CG/JU
Sample : M2107-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-34-9.5-10.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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
o-Cymene	8.187	7.9	ng	54795	1	8.058	138416	20.0
Octane, 3,6-dim...	11.894	8.8	ng	90736	2	10.884	205533	20.0
Heptadecane, 2,...	13.234	11.0	ng	151425	3	14.720	275071	20.0
2,4,7,9-Tetrame...	13.592	5.8	ng	79643	3	14.720	275071	20.0
Decahydro-4,4,8...	14.538	6.1	ng	84097	3	14.720	275071	20.0
3-(2-Methyl-pro...	14.926	5.2	ng	71834	3	14.720	275071	20.0
Naphthalene, 1,...	15.102	5.4	ng	74339	3	14.720	275071	20.0
Naphthalene, 1,...	15.332	5.5	ng	75629	3	14.720	275071	20.0
Pentadecane, 2,...	15.948	15.3	ng	210281	3	14.720	275071	20.0
Dodecane, 2-met...	16.436	24.8	ng	389749	4	17.476	313984	20.0
Dodecane, 2,6,1...	17.259	7.2	ng	113479	4	17.476	313984	20.0
unknown18.757	18.757	8.3	ng	130291	4	17.476	313984	20.0
18-Norabietane	18.945	6.2	ng	96909	4	17.476	313984	20.0
Retene	20.302	5.9	ng	95653	5	21.771	323619	20.0
Heptadecane	20.872	5.3	ng	85034	5	21.771	323619	20.0
Hexadecane	21.389	11.4	ng	184124	5	21.771	323619	20.0
unknown21.577	21.577	6.8	ng	110567	5	21.771	323619	20.0
Tetradecane	22.570	7.8	ng	127098	5	21.771	323619	20.0
Tetradecane, 2,...	24.121	11.9	ng	225329	6	25.102	379127	20.0
Hexadecane, 7,9...	26.278	11.2	ng	211829	6	25.102	379127	20.0