LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-5-17-17.5-BGS

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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	378	382	391	rBV	21145	32129	15.72%	1.033%
2	6.769	639	643	650	rBB2	3849	5789	2.83%	0.186%
3	6.863	654	659	671	rBV	19808	34561	16.91%	1.111%
4	7.557	766	777	781	rBV3	2963	7325	3.58%	0.236%
5	7.616	781	787	790	rVV	7770	10858	5.31%	0.349%
6	7.657	790	794	802	rBV	29324	43826	21.45%	1.409%
7	7.822	814	822	826	rVV3	3536	5870	2.87%	0.189%
8	7.898	829	835	837	rVV	3128	5862	2.87%	0.189%
9	7.916	837	838	845	rVV3	3328	5282	2.59%	0.170%
10	8.187	880	884	889	rVB3	5447	8671	4.24%	0.279%
11	8.463	927	931	935	rBV	5042	7815	3.82%	0.251%
12	8.716	966	974	975	rBV4	3870	5637	2.76%	0.181%
13	8.739	975	978	985	rVV4	5106	11029	5.40%	0.355%
14	8.840	989	995	1002	rVV	17380	31597	15.46%	1.016%
15	8.951	1009	1014	1017	rBV3	4885	9328	4.57%	0.300%
16	8.987	1017	1020	1026	rVB5	5253	8962	4.39%	0.288%
17	9.281	1065	1070	1077	rVV3	8353	15602	7.64%	0.502%
18	9.357	1077	1083	1087	rVV4	9036	15585	7.63%	0.501%
19	9.610	1121	1126	1131	rVV2	10308	14085	6.89%	0.453%
20	9.851	1162	1167	1169	rVV3	3308	5297	2.59%	0.170%
21	9.881	1169	1172	1177	rVB6	3519	6105	2.99%	0.196%
22	10.151	1209	1218	1224	rBV7	4562	12954	6.34%	0.417%
23	10.222	1224	1230	1234	rBV2	4087	6756	3.31%	0.217%
24	10.404	1255	1261	1262	rBV3	5546	9260	4.53%	0.298%
25	10.451	1263	1269	1274	rVV	43468	74115	36.27%	2.383%
26	10.504	1274	1278	1283	rVV7	4132	7162	3.51%	0.230%
27	10.551	1283	1286	1289	rVV4	6967	10106	4.95%	0.325%
28	10.592	1289	1293	1299	rVV	29421	43141	21.11%	1.387%
29	10.657	1300	1304	1310	rVV3	5853	10574	5.18%	0.340%
30	10.722	1310	1315	1319	rVB3	4310	7266	3.56%	0.234%
31	10.833	1327	1334	1338	rBV5	5113	12270	6.01%	0.395%
32	10.916	1343	1348	1354	rVB3	17443	29029	14.21%	0.934%
33	11.098	1374	1379	1381	rBV3	7036	12562	6.15%	0.404%
34	11.263	1402	1407	1410	rBV5	4331	7331	3.59%	0.236%
35	11.457	1435	1440	1449	rVV	40806	75057	36.73%	2.414%
36	11.616	1462	1467	1477	rBV9	6996	19364	9.48%	0.623%

LSC Area Percent Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-5-17-17.5-BGS

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.716	1477	1484	1488	rBV4	15273	26560	13.00%	0.854%
38	11.869	1503	1510	1513	rBV5	10777	21877	10.71%	0.704%
39	12.004	1530	1533	1537	rVB5	7350	10220	5.00%	0.329%
40	12.086	1544	1547	1552	rVB2	15687	22383	10.95%	0.720%
41	12.175	1557	1562	1567	rBV5	6090	12385	6.06%	0.398%
42	12.322	1583	1587	1589	rBV4	5572	7626	3.73%	0.245%
43	12.416	1601	1603	1607	rVB5	5252	5994	2.93%	0.193%
44	12.504	1613	1618	1623	rBV5	6894	14422	7.06%	0.464%
45	12.575	1626	1630	1637	rVB6	11265	23920	11.71%	0.769%
46	12.651	1638	1643	1647	rBV7	7225	12114	5.93%	0.390%
47	12.698	1647	1651	1653	rBV4	4440	7471	3.66%	0.240%
48	12.733	1653	1657	1663	rVB5	12511	20156	9.86%	0.648%
49	12.786	1663	1666	1670	rBV5	6772	12359	6.05%	0.397%
50	12.839	1670	1675	1681	rVV	60560	88688	43.41%	2.852%
51	12.886	1681	1683	1688	rVV4	6989	10535	5.16%	0.339%
52	12.939	1688	1692	1700	rVB	38575	52427	25.66%	1.686%
53	13.075	1709	1715	1718	rBV4	21527	37928	18.56%	1.220%
54	13.110	1718	1721	1723	rVV2	10426	12639	6.19%	0.406%
55	13.222	1737	1740	1742	rVV3	6141	7047	3.45%	0.227%
56	13.298	1750	1753	1758	rVB5	7827	10951	5.36%	0.352%
57	13.369	1762	1765	1770	rVB6	11285	16237	7.95%	0.522%
58	13.480	1781	1784	1786	rBV3	10319	13862	6.78%	0.446%
59	13.516	1787	1790	1794	rVB5	11605	18067	8.84%	0.581%
60	13.592	1800	1803	1806	rVB4	5621	6083	2.98%	0.196%
61	13.645	1808	1812	1817	rVB3	15119	23972	11.73%	0.771%
62	13.722	1818	1825	1829	rVB3	30044	51603	25.26%	1.659%
63	13.798	1833	1838	1842	rVB	76580	102237	50.04%	3.288%
64	13.845	1842	1846	1850	rBV7	7980	12341	6.04%	0.397%
65	13.880	1850	1852	1855	rBV4	5707	6424	3.14%	0.207%
66	13.957	1861	1865	1870	rBV7	11901	23169	11.34%	0.745%
67	14.010	1871	1874	1876	rBV4	6306	7056	3.45%	0.227%
68	14.051	1876	1881	1883	rBV5	16634	26111	12.78%	0.840%
69	14.139	1892	1896	1904	rVB4	30302	51791	25.35%	1.665%
70	14.227	1904	1911	1914	rBV9	9160	21472	10.51%	0.690%
71	14.280	1916	1920	1923	rVV4	15118	28345	13.87%	0.912%
72	14.327	1924	1928	1934	rVB	66702	103869	50.83%	3.340%
73	14.551	1960	1966	1973	rVB4	18263	41672	20.39%	1.340%
74	14.727	1992	1996	2000	rVB2	22677	31681	15.51%	1.019%
75	14.810	2006	2010	2012	rBV	12078	15372	7.52%	0.494%
76	14.845	2012	2016	2020	rVV3	21000	29905	14.64%	0.962%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-5-17-17.5-BGS

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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77	14.951	2029	2034	2040	rBV5	27159	59033	28.89%	1.898%
78	15.104	2056	2060	2065	rBV7	21740	37200	18.21%	1.196%
79	15.274	2086	2089	2098	rVB10	14551	36368	17.80%	1.170%
80	15.368	2100	2105	2110	rBV5	22126	46609	22.81%	1.499%
81	15.421	2110	2114	2121	rVB4	13736	25582	12.52%	0.823%
82	15.545	2131	2135	2136	rBV4	8336	12633	6.18%	0.406%
83	15.580	2137	2141	2148	rVV	65726	105774	51.77%	3.401%
84	15.668	2152	2156	2164	rVB7	17607	40422	19.78%	1.300%
85	15.792	2174	2177	2180	rVB4	11125	12867	6.30%	0.414%
86	15.833	2180	2184	2188	rBV2	34499	47295	23.15%	1.521%
87	15.974	2204	2208	2214	rBV9	7494	20417	9.99%	0.657%
88	16.057	2217	2222	2227	rVV	139332	204326	100.00%	6.571%
89	16.157	2236	2239	2241	rBV4	8853	11613	5.68%	0.373%
90	16.186	2242	2244	2248	rVB3	11086	14387	7.04%	0.463%
91	16.439	2284	2287	2291	rVB2	17458	21167	10.36%	0.681%
92	16.874	2357	2361	2367	rVB	75317	106418	52.08%	3.422%
93	17.080	2391	2396	2400	rBV	81424	122851	60.12%	3.951%
94	17.480	2460	2464	2469	rBV2	35155	56243	27.53%	1.809%
95	17.974	2541	2548	2550	rBV5	16659	39157	19.16%	1.259%
96	18.874	2696	2701	2705	rBV	25652	44461	21.76%	1.430%
97	19.574	2818	2820	2825	rVB	17434	21597	10.57%	0.695%
98	19.704	2838	2842	2846	rBV	79074	96198	47.08%	3.094%
99	21.256	3102	3106	3114	rVB	88406	115493	56.52%	3.714%
100	23.409	3468	3472	3479	rVB	77389	134416	65.79%	4.323%

Sum of corrected areas: 3109660

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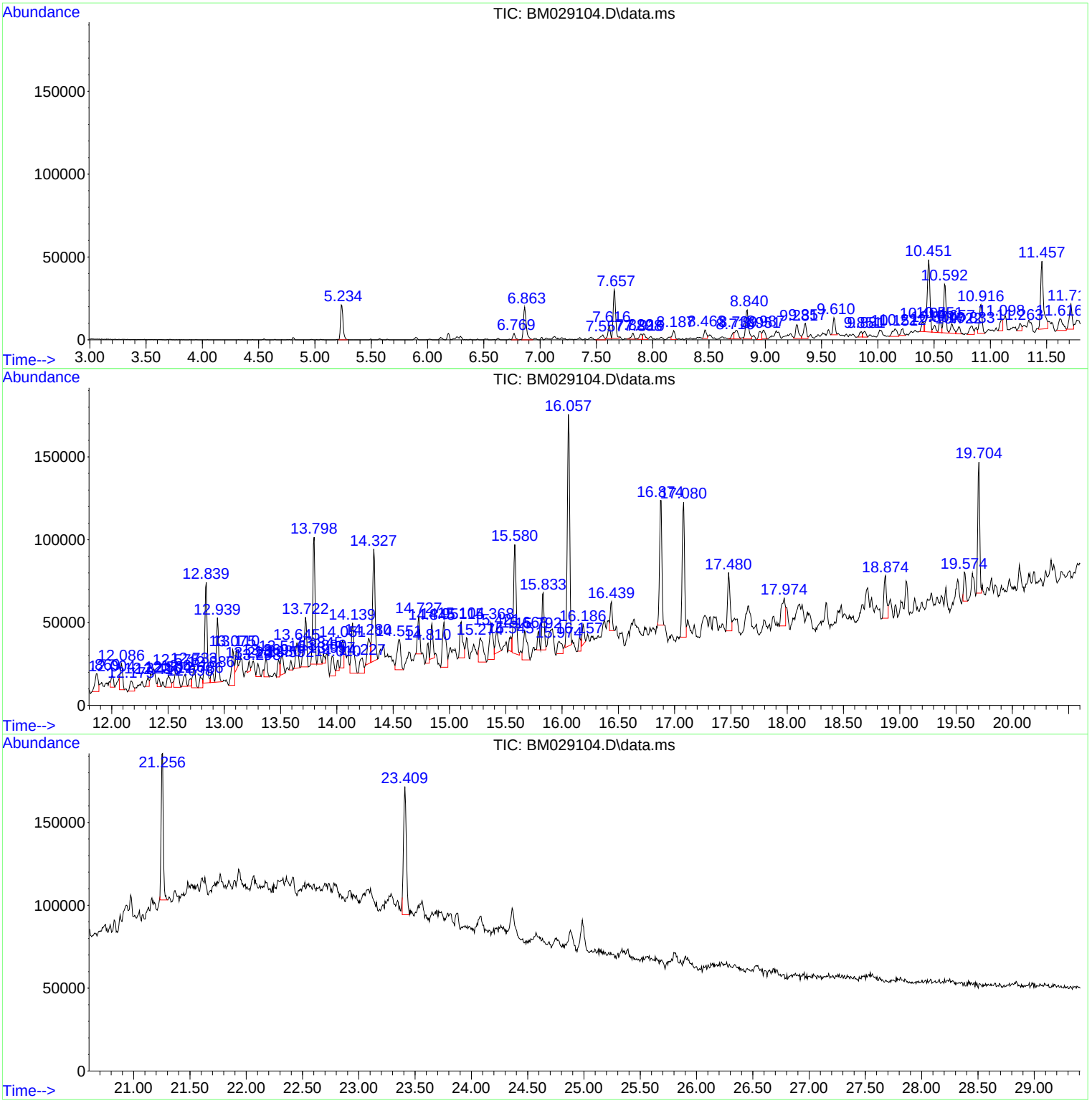
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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Instrument :
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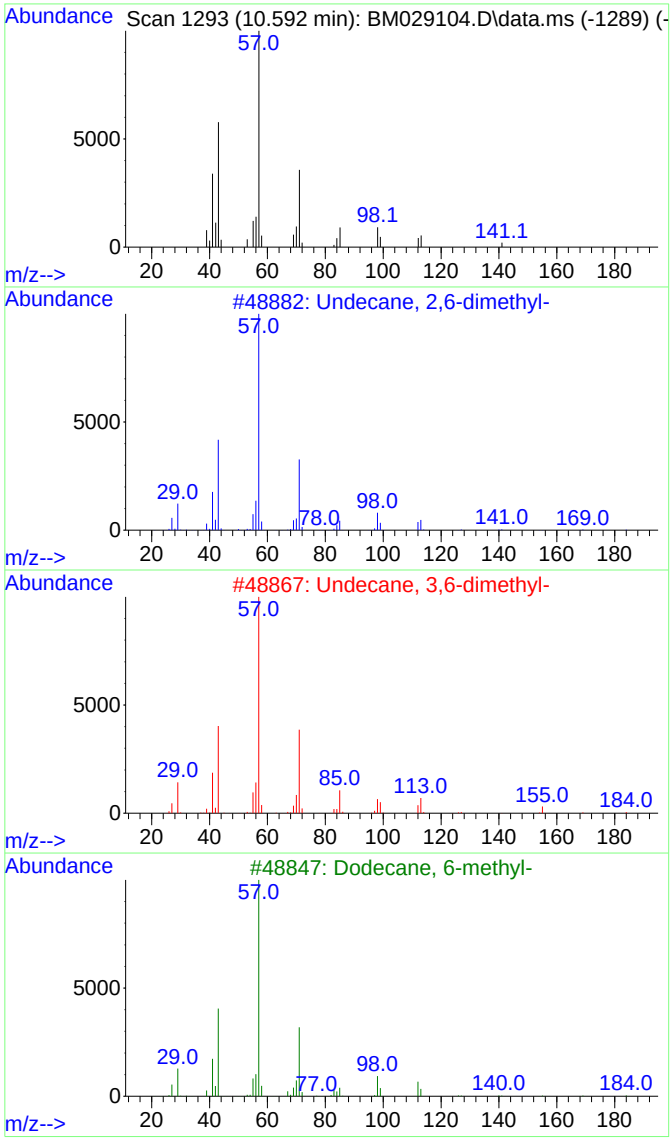
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

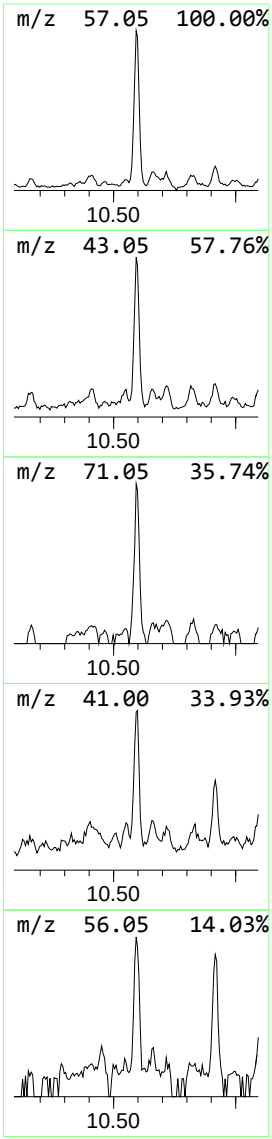
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	11.64 ng	43141	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53





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Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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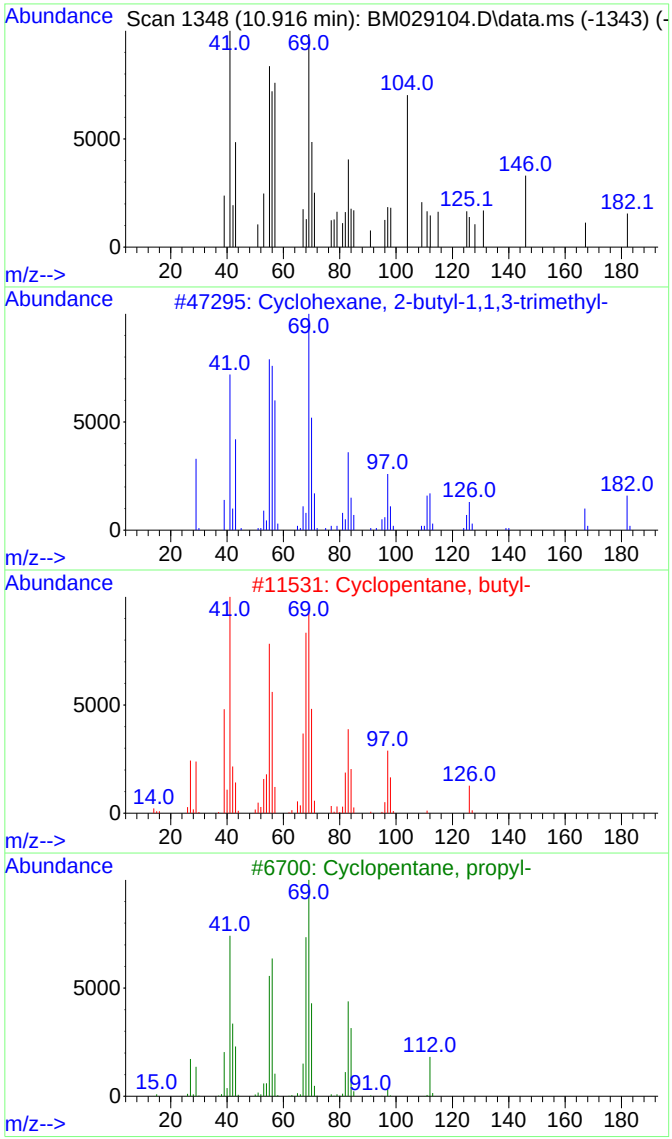
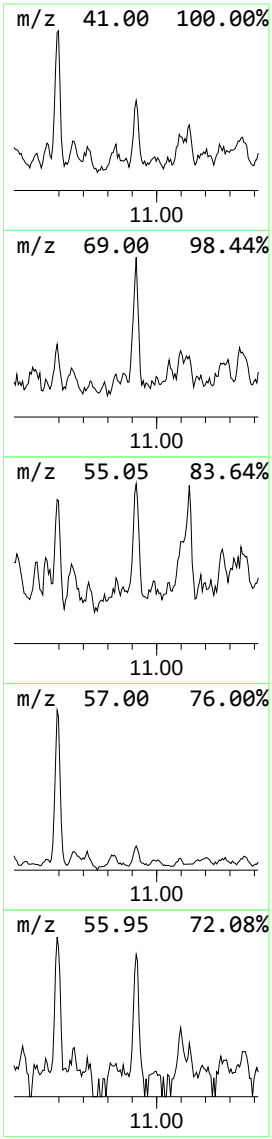
****
Peak Number 2 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	7.83 ng	29029	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	86
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	64
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	52
4	3-Tridecene, (Z)-	182	C13H26	041446-53-1	52
5	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	46





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TIC Library : C:\DATABASE\NIST11.L
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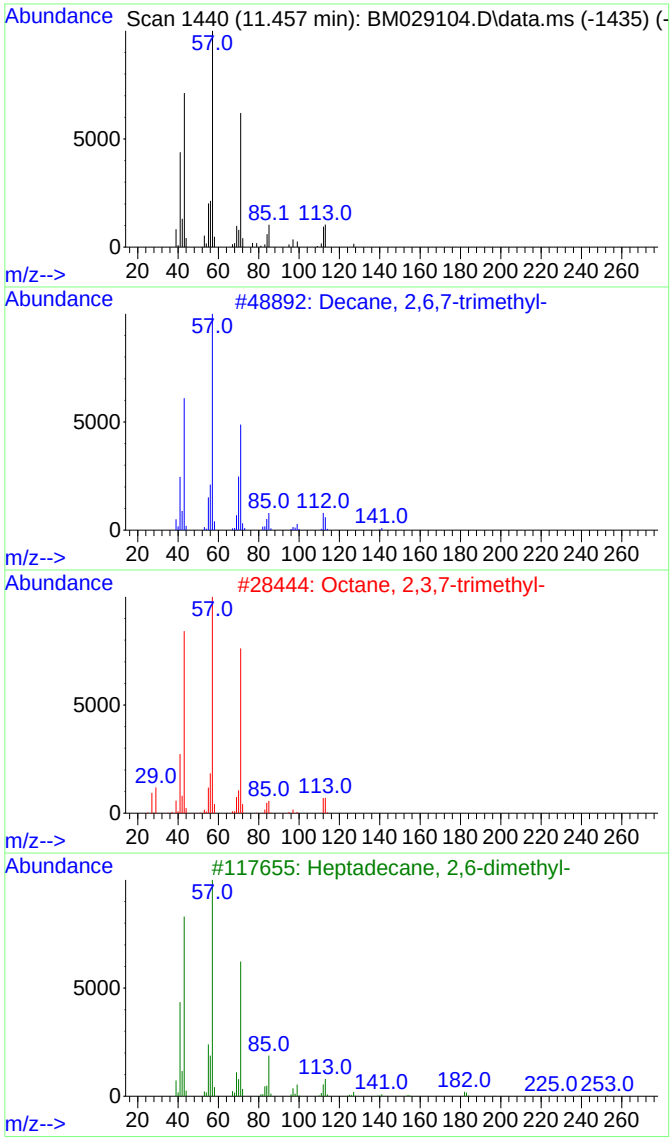
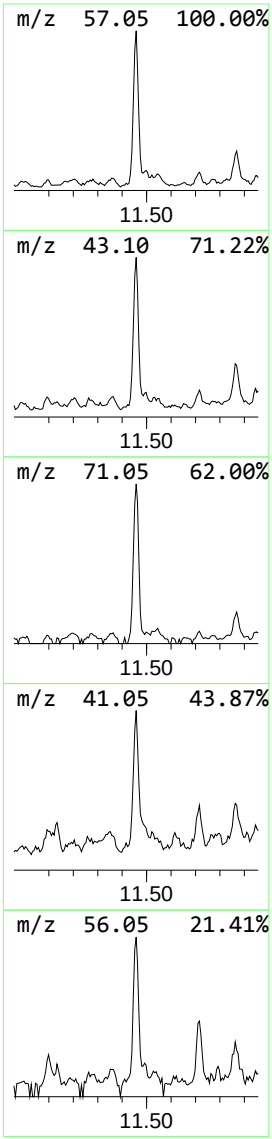
****
Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	20.25 ng	75057	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

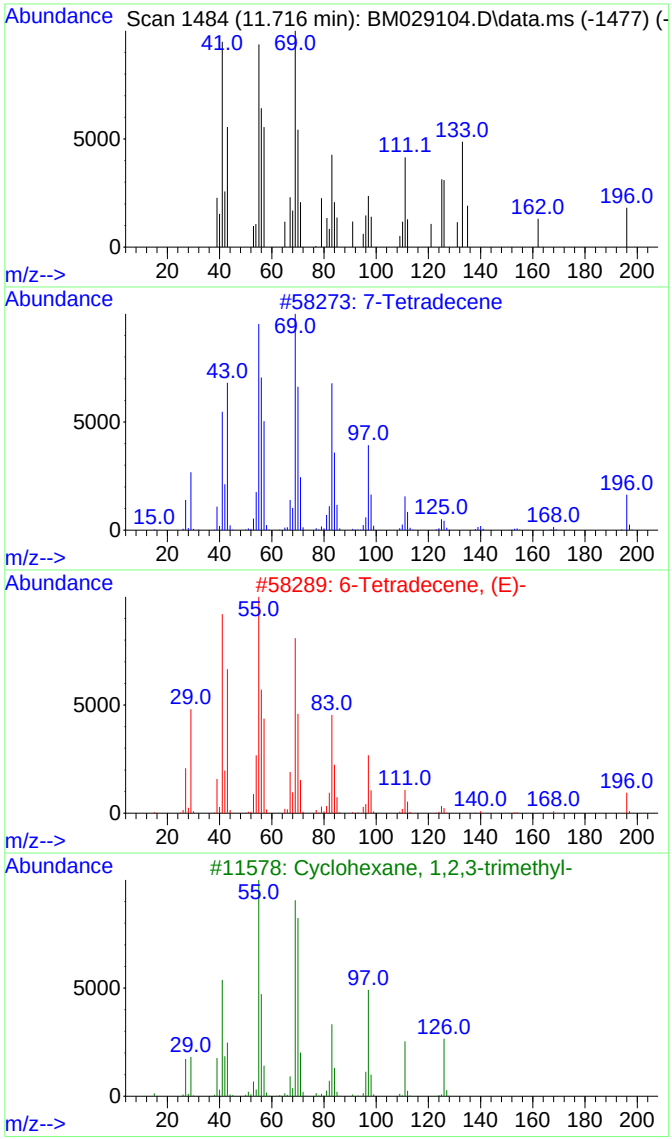
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

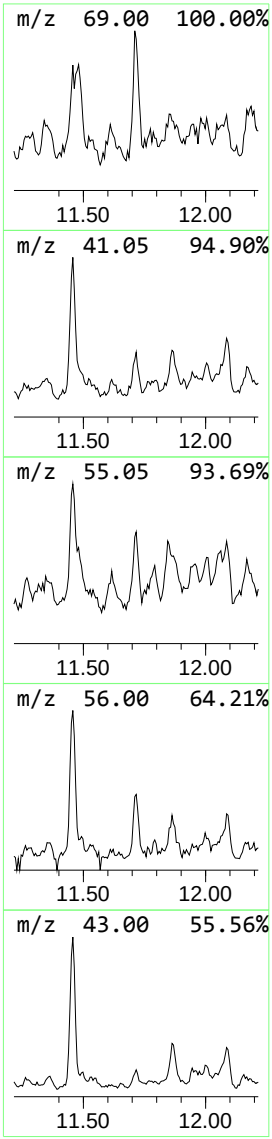
****

Peak Number 4 7-Tetradecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	7.17 ng	26560	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	90
2	6-Tetradecene, (E)-	196	C14H28	041446-64-4	89
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	53
5	3-Nonene, (E)-	126	C9H18	020063-92-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029104.D
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Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

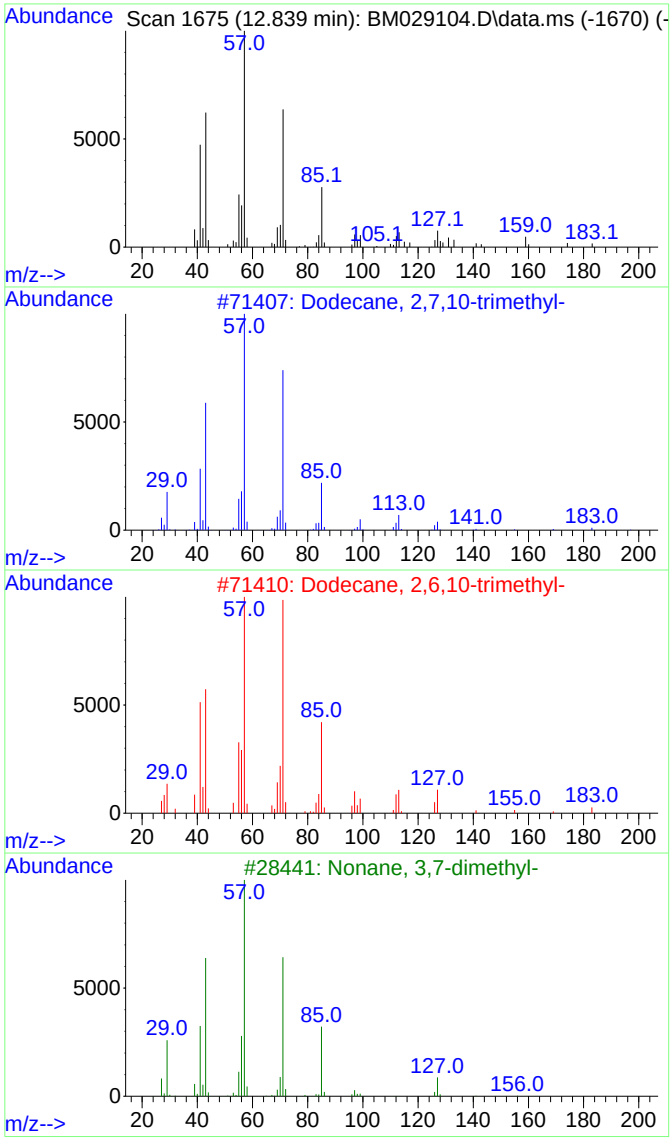
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

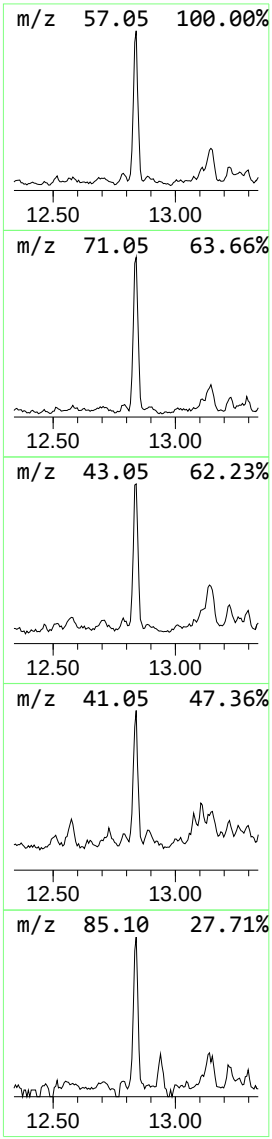
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	17.08 ng	88688	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Heneicosane	296	C21H44	000629-94-7	64





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Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

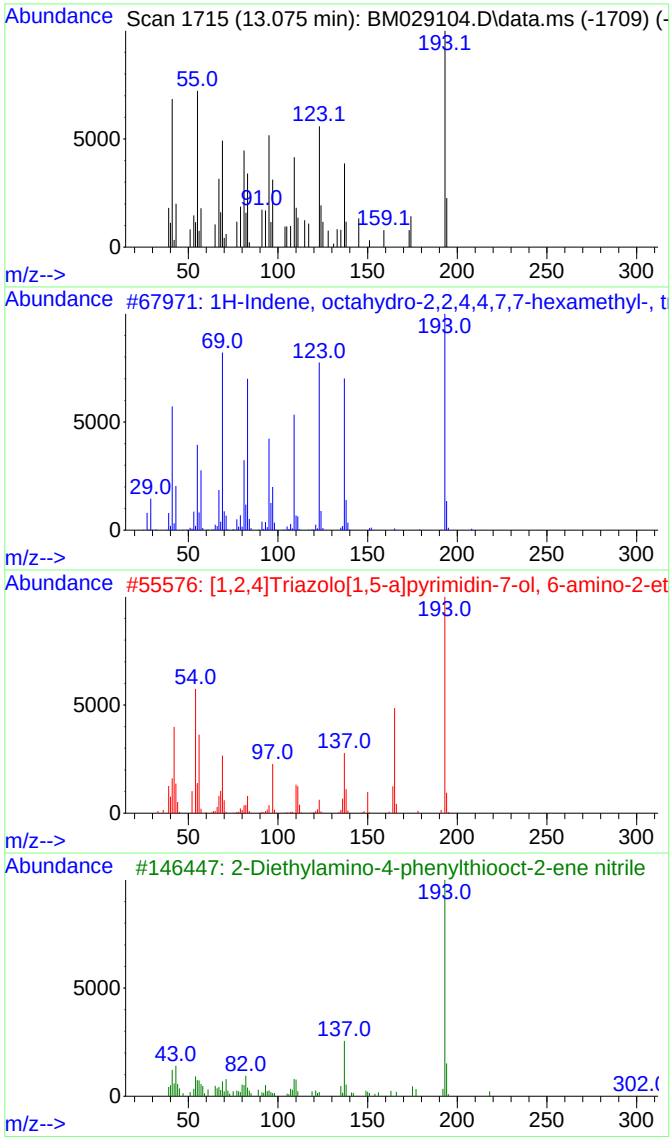
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

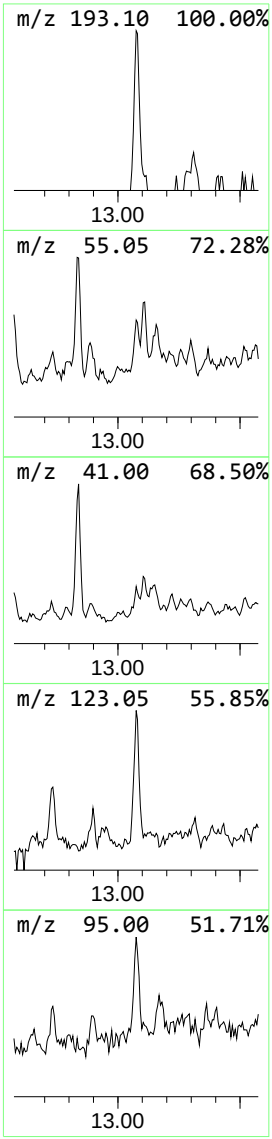
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown13.075 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	7.30 ng	37928	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	35
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16
4	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	16
5	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	12





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Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

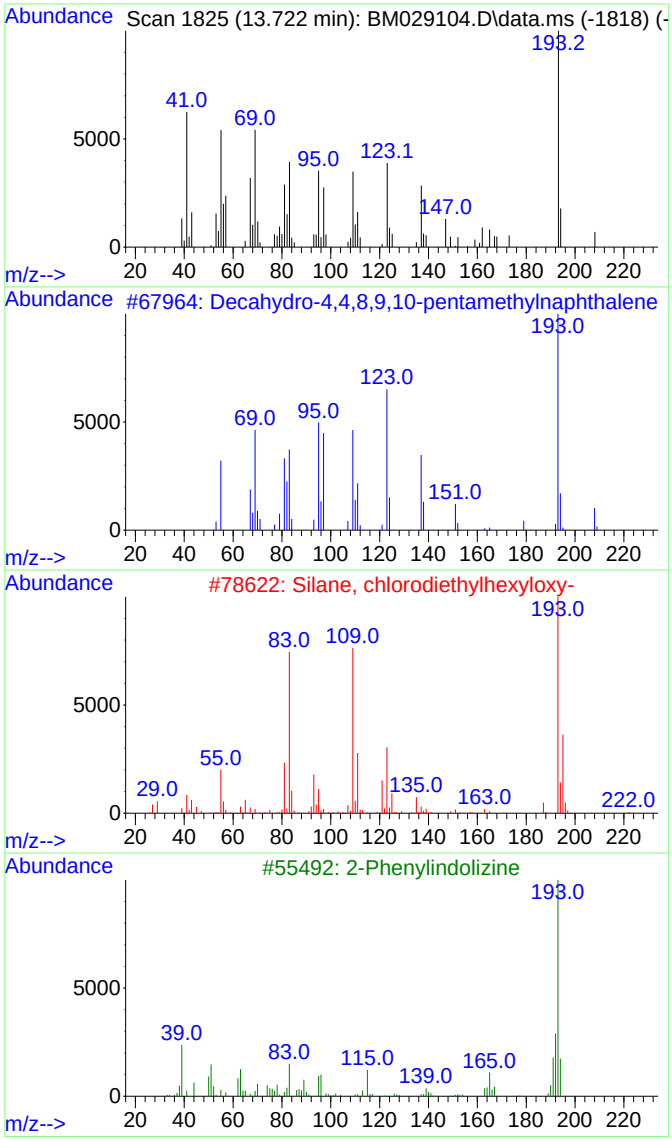
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

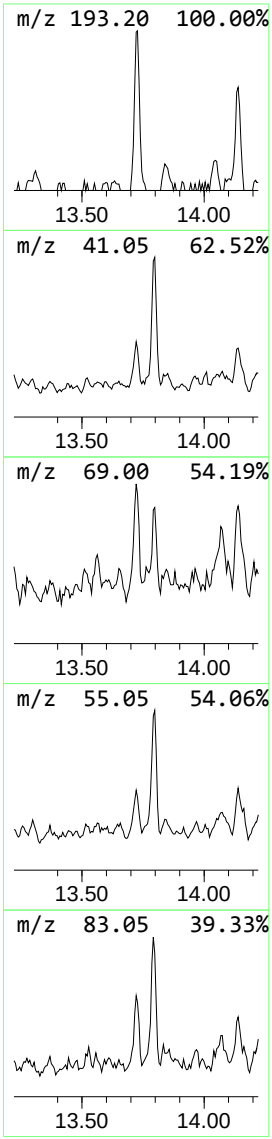
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	9.94 ng	51603	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
3	2-Phenylindolizine	193	C14H11N	025379-20-8	27
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
5	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	27





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Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

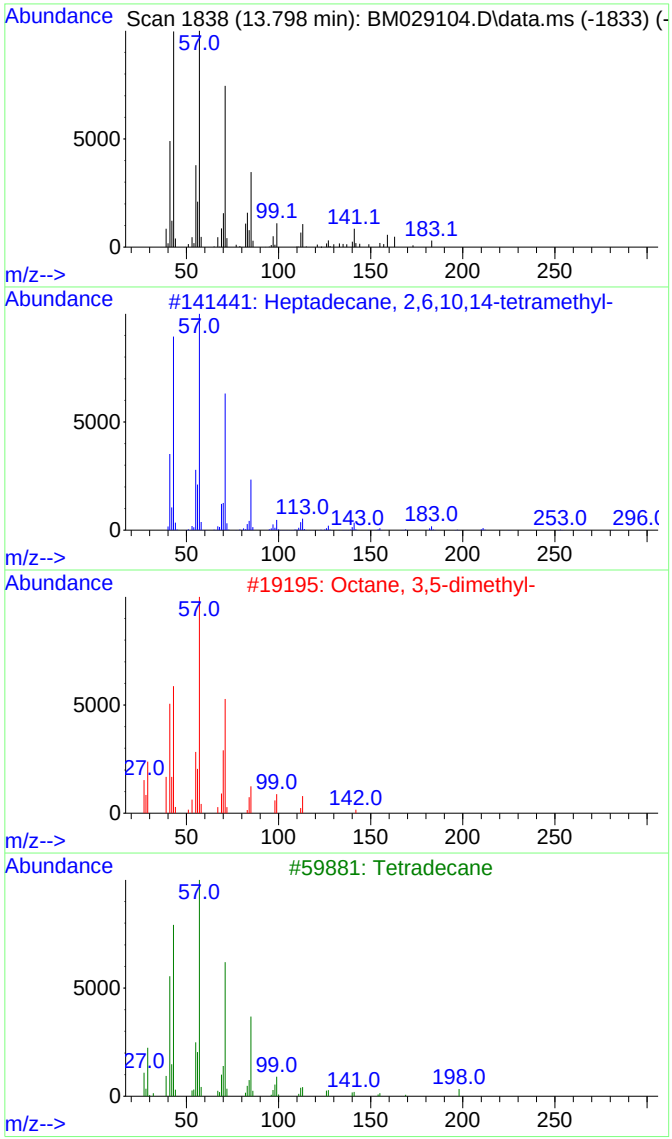
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

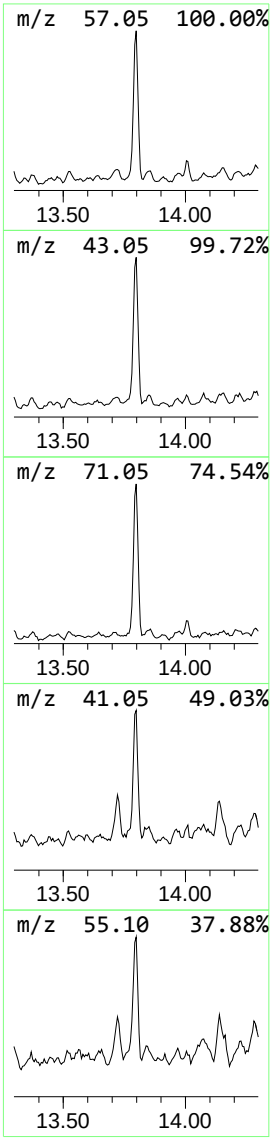
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	19.69 ng	102237	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

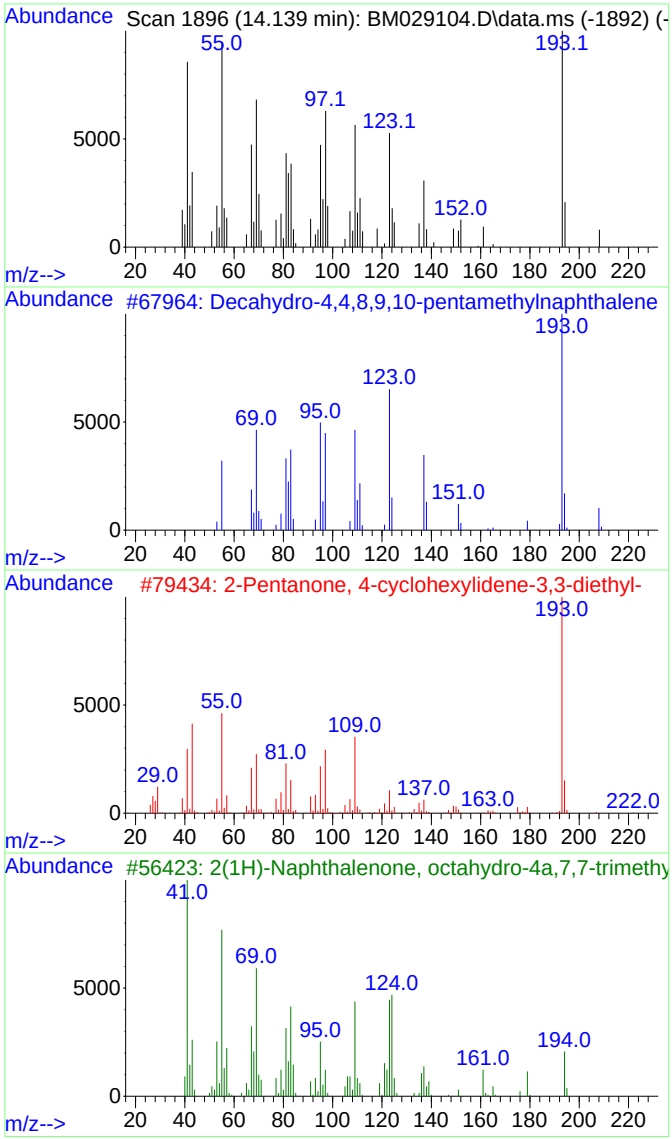
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

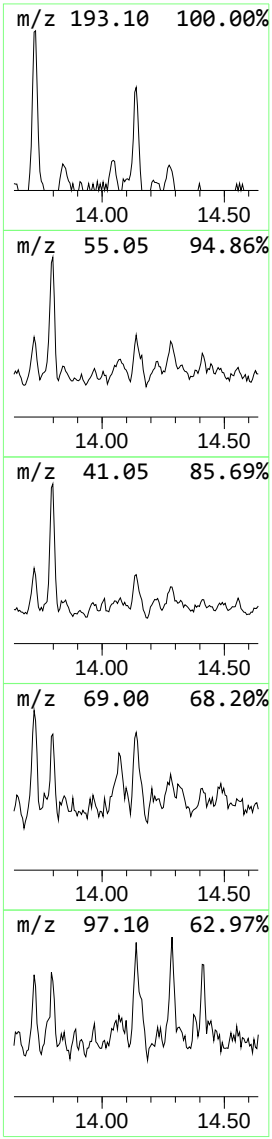
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Pentanone, 4-cyclohexylid... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	9.97 ng	51791	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	81
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	43
4	2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	38
5	2-(1-Butyl-2-nitroallyl)cyclohex...	239	C13H21NO3	1000192-05-9	27





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Misc :
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Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

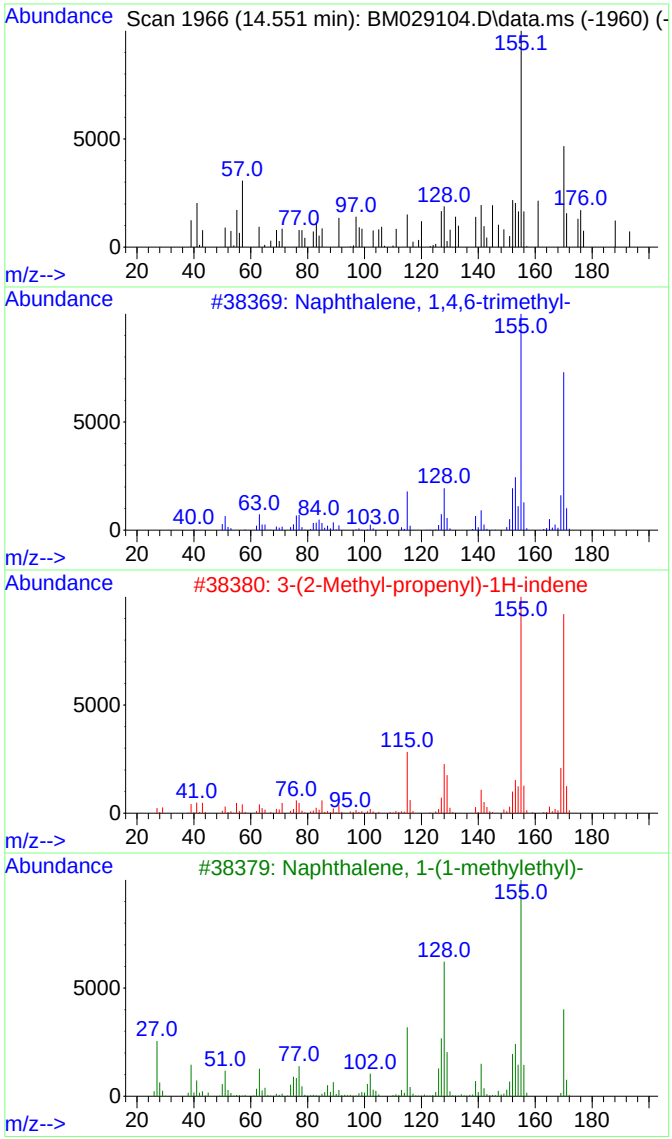
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

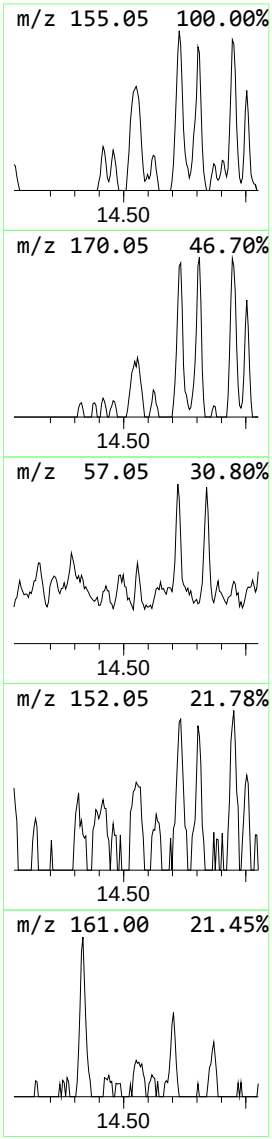
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	8.02 ng	41672	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	53
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	47





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Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

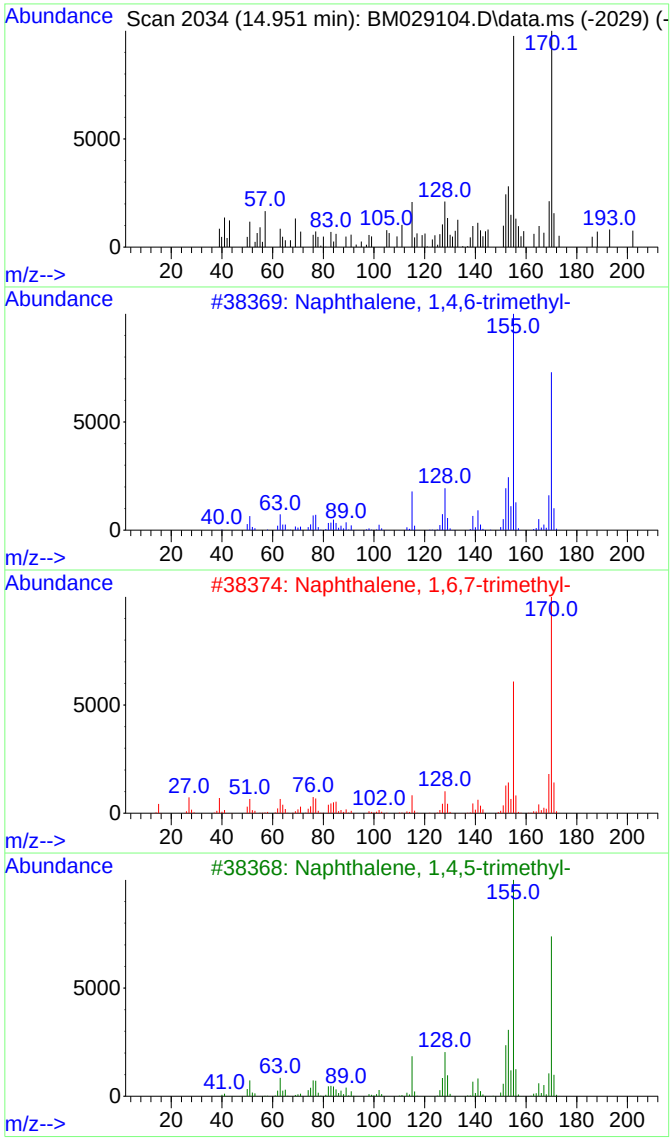
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

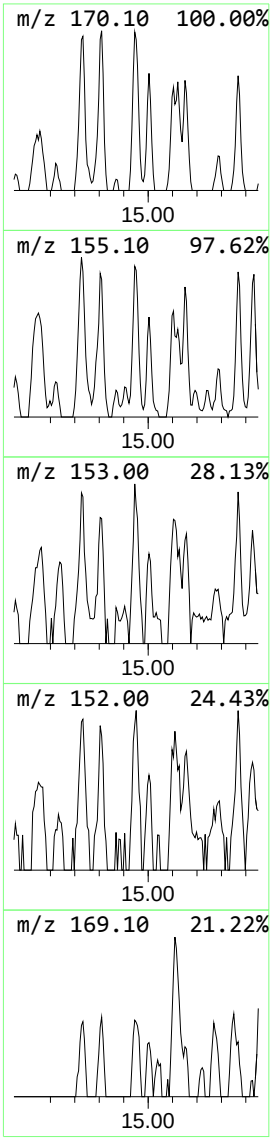
****

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	11.37 ng	59033	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95





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Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

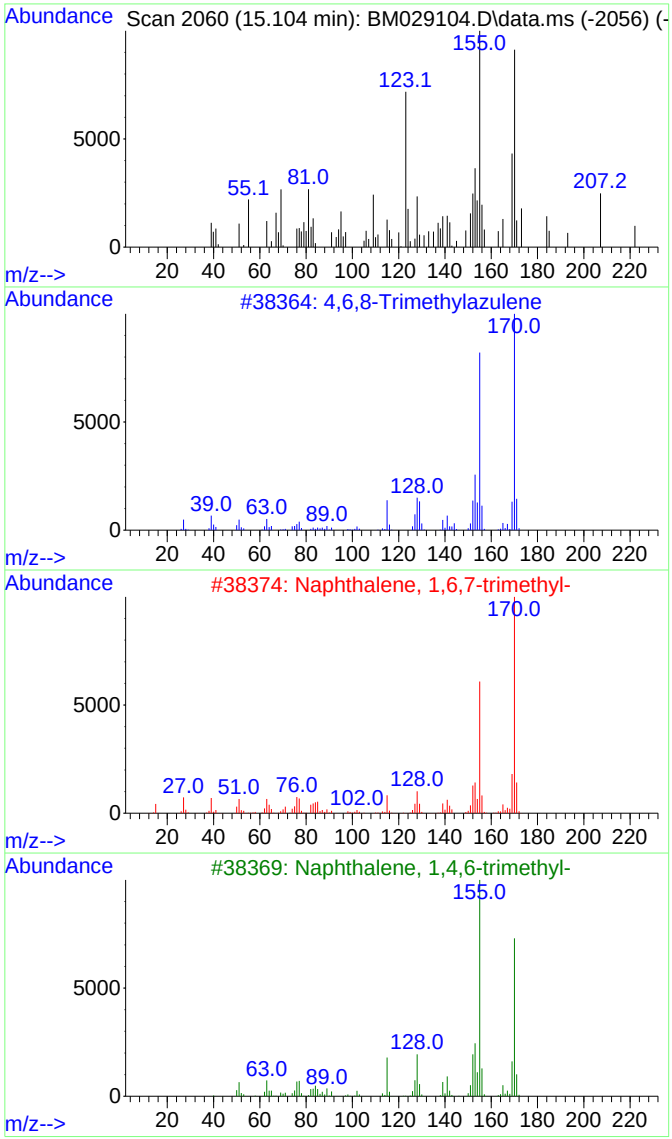
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

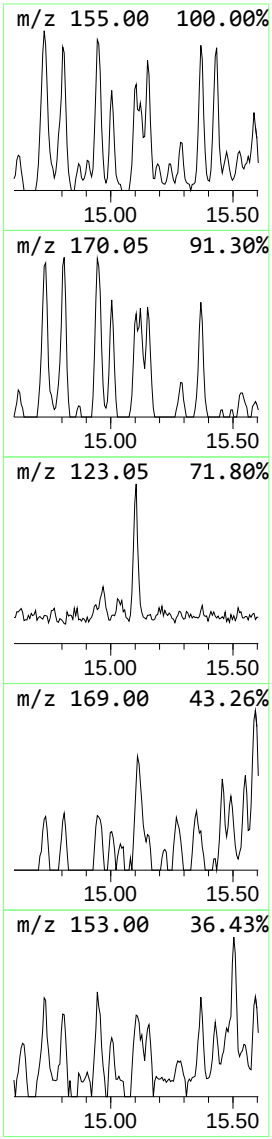
****

Peak Number 12 4,6,8-Trimethylazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	7.16 ng	37200	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	53
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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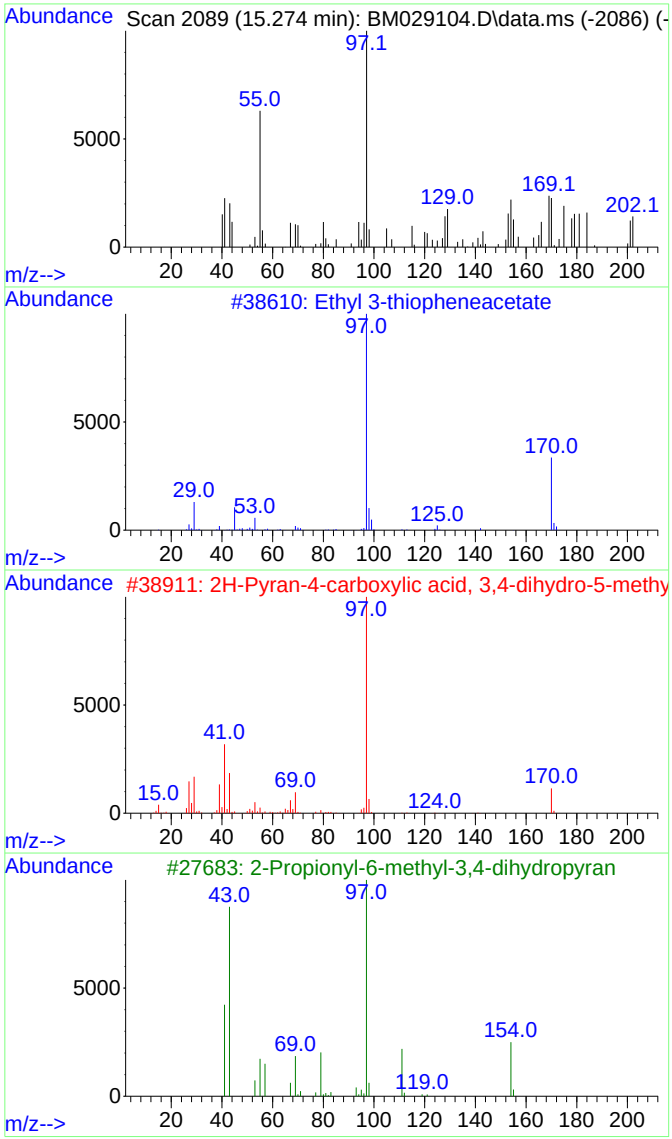
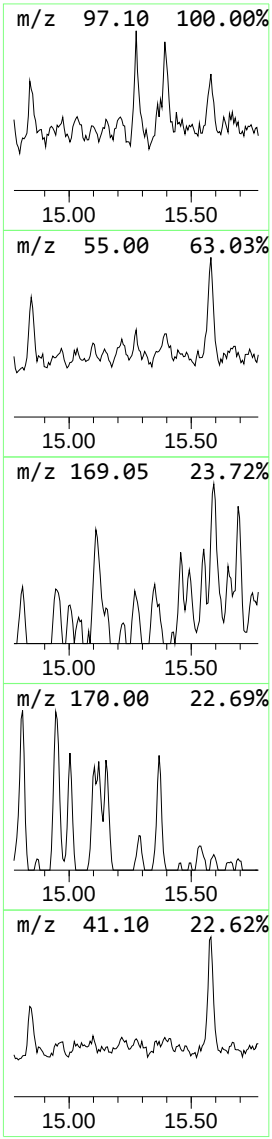
Peak Number 13 unknown15.274 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	7.00 ng	36368	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3-thiopheneacetate	170	C8H10O2S	037784-63-7	38
2	2H-Pyran-4-carboxylic acid, 3,4-...	170	C9H14O3	038858-64-9	35
3	2-Propionyl-6-methyl-3,4-dihydro...	154	C9H14O2	1000145-07-7	35
4	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	25
5	1-Methyl-3-piperidyl cyclopentyl...	317	C19H27NO3	1000289-59-7	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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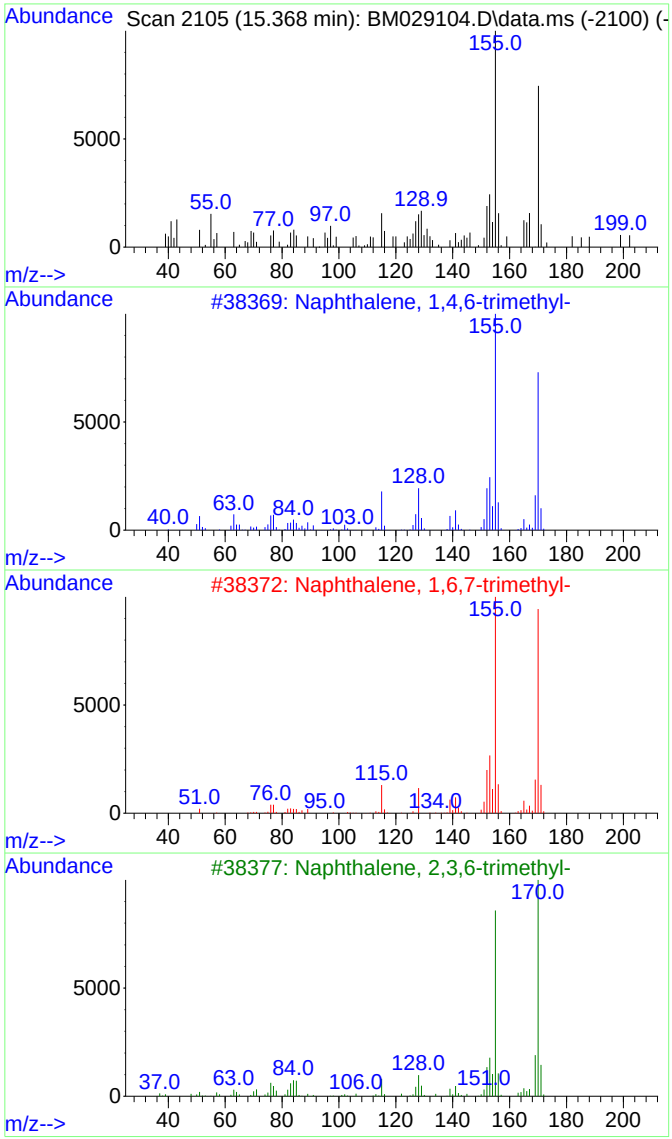
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

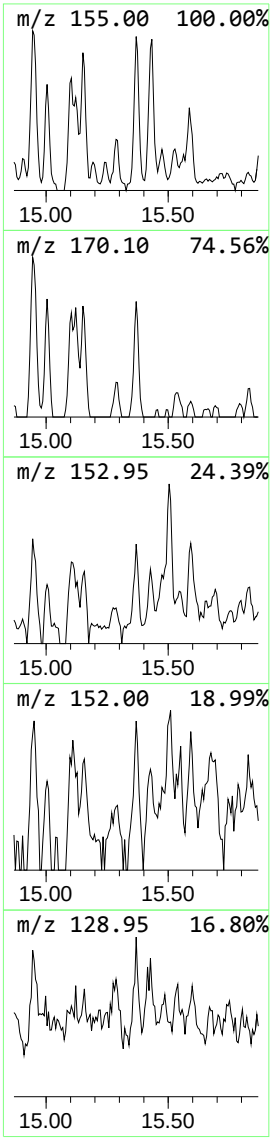
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	8.97 ng	46609	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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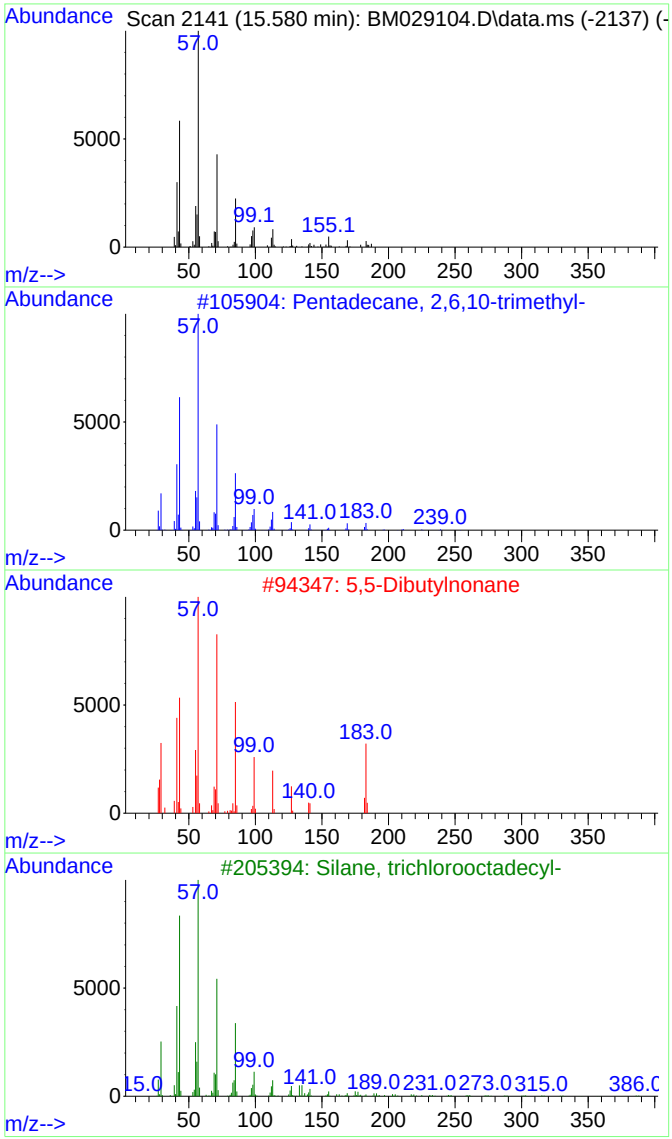
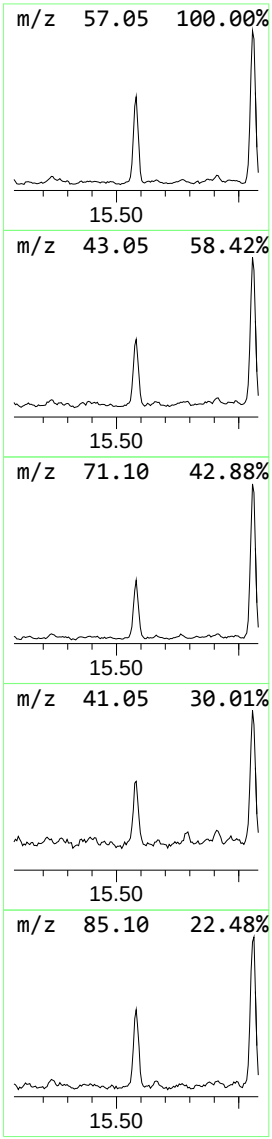
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.580	20.37 ng	105774	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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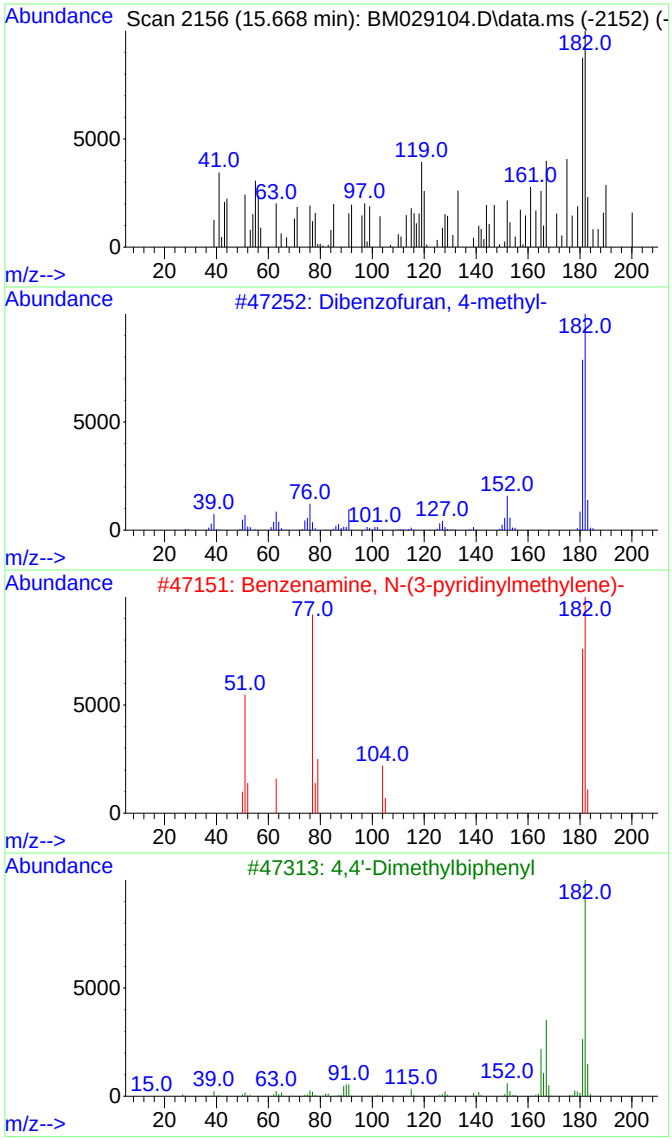
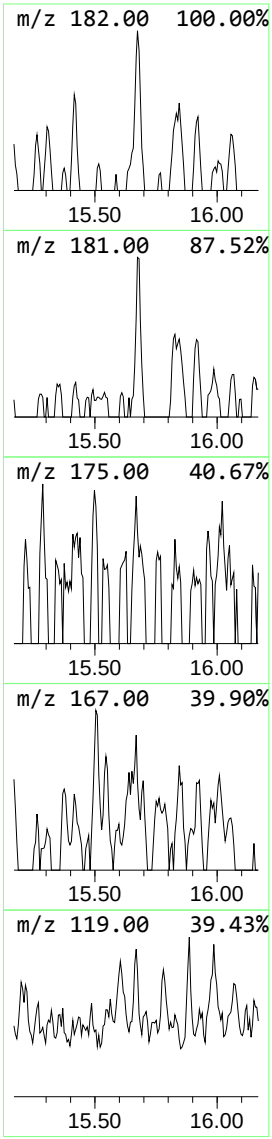
Peak Number 16 unknown15.669 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	7.78 ng	40422	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	38
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	38
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	35





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Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

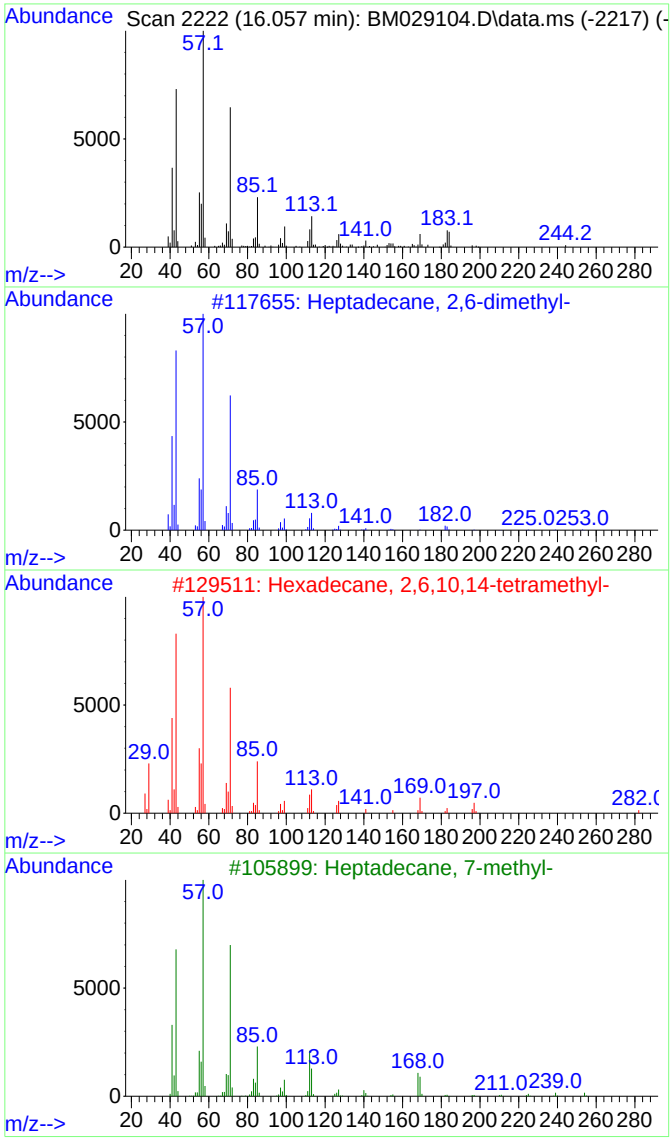
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

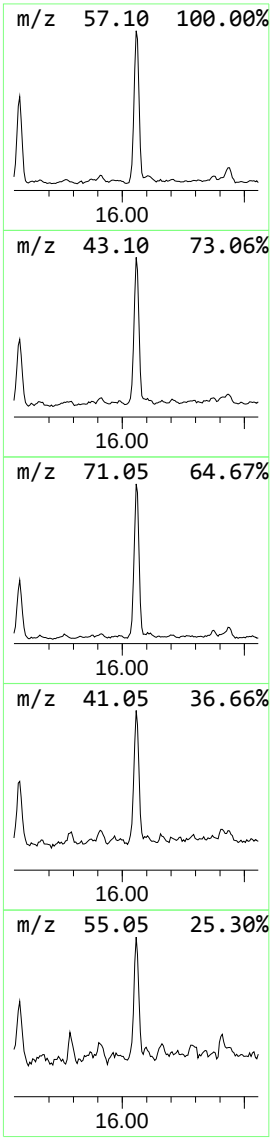
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	33.26 ng	204326	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

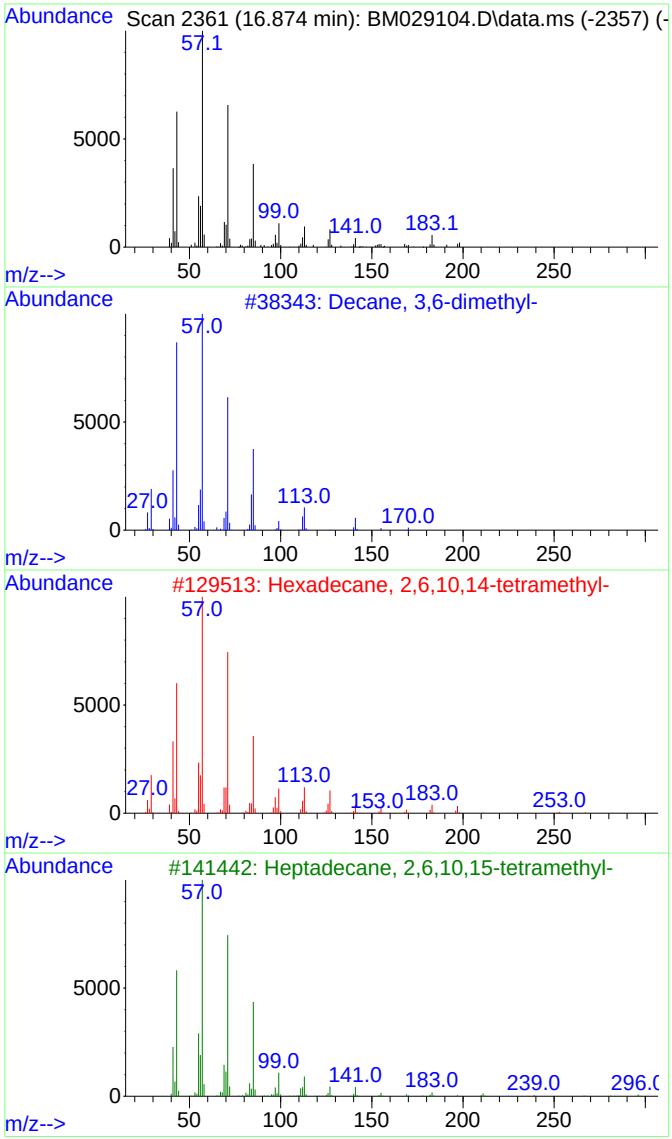
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

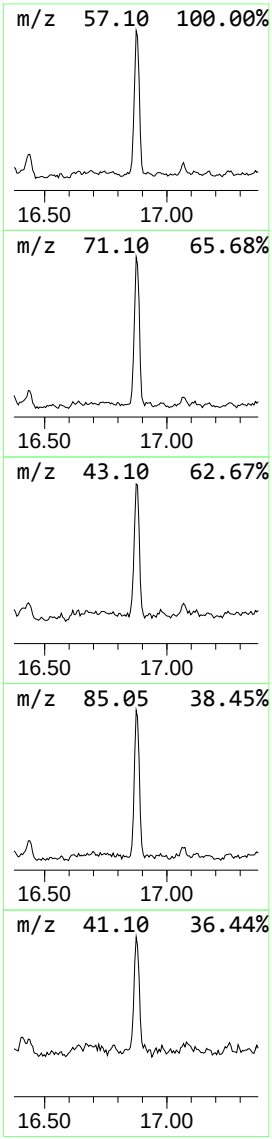
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Decane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	17.32 ng	106418	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Tetradecane	198	C14H30	000629-59-4	83
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	83





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Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

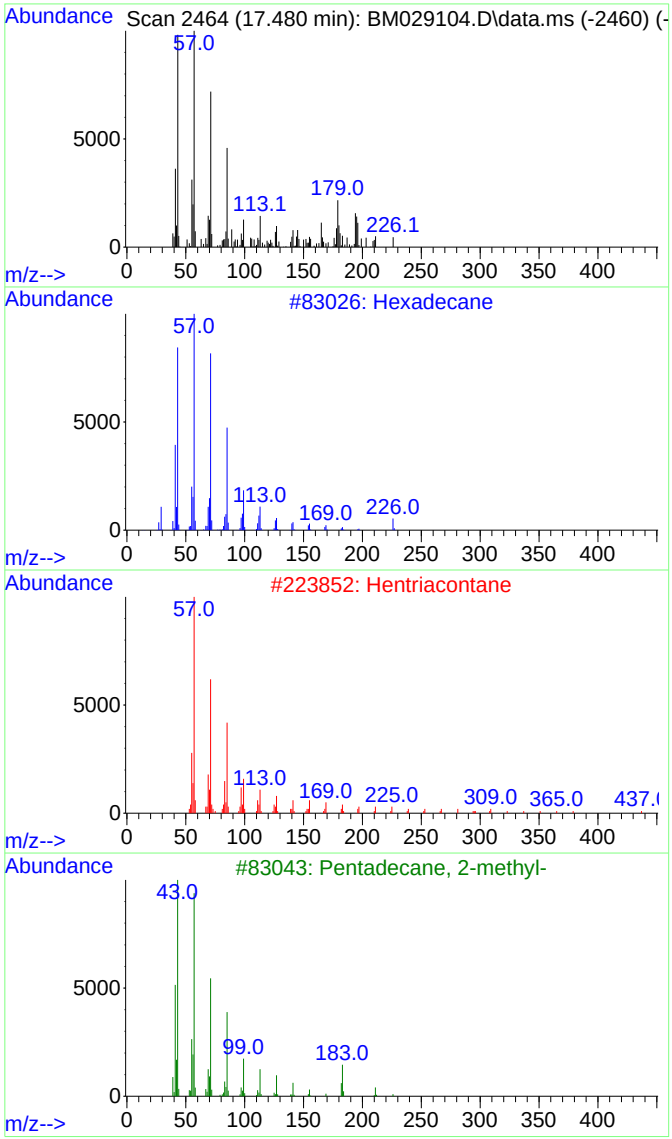
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

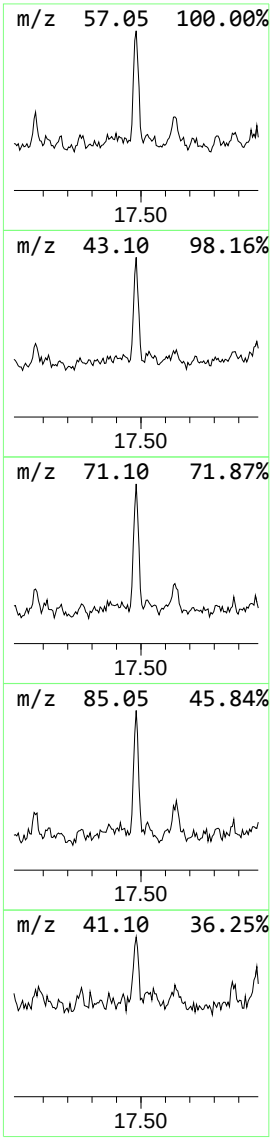
****

Peak Number 19 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.480	9.16 ng	56243	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Hentriacontane	437	C31H64	000630-04-6	49
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	46
4	Hexacosane	366	C26H54	000630-01-3	46
5	Triacontane	422	C30H62	000638-68-6	46





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Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

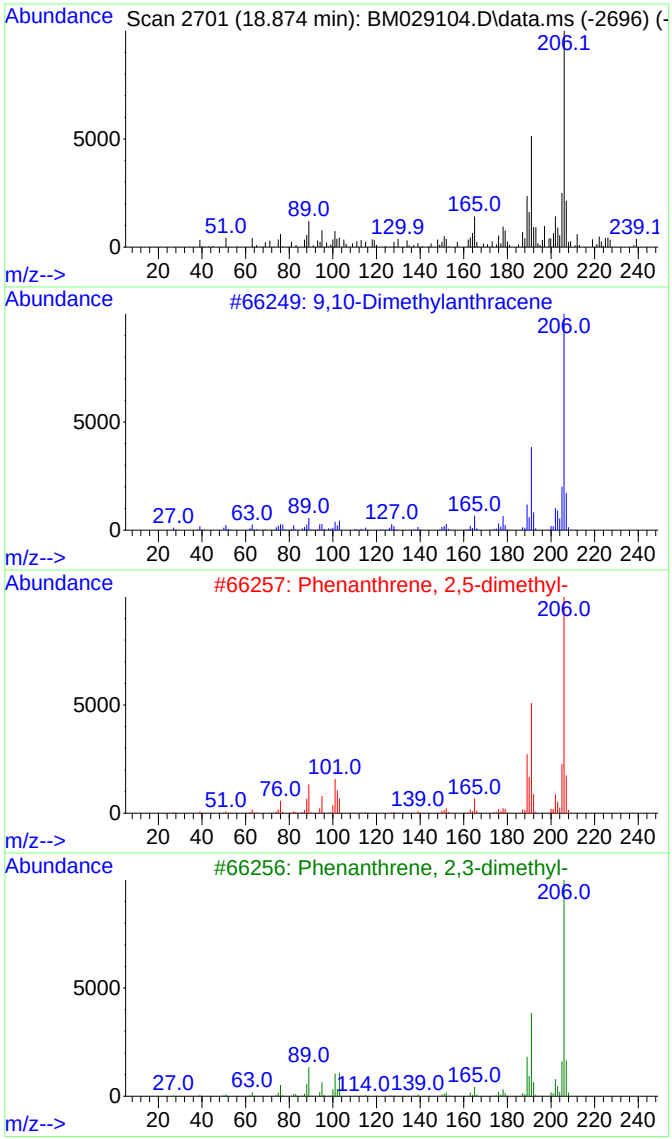
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

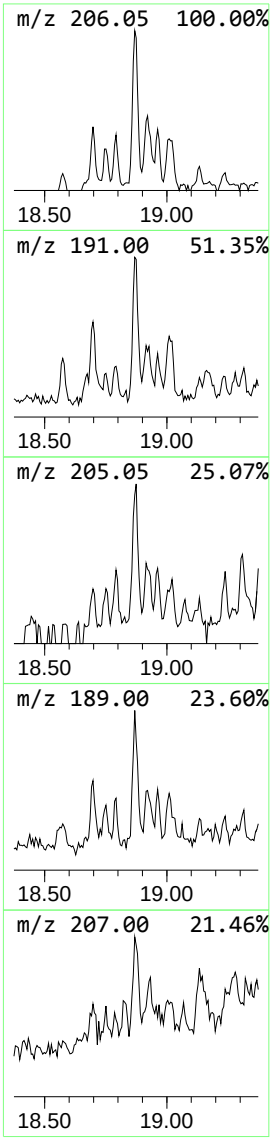
****

Peak Number 20 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	7.24 ng	44461	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029104.D
Acq On : 11 Mar 2021 20:51
Operator : CG/JU
Sample : M1642-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-5-17-17.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Undecane, 2,6-d...	10.592	11.6	ng	43141	2	10.451	74115	20.0
Cyclohexane, 2-...	10.916	7.8	ng	29029	2	10.451	74115	20.0
Decane, 2,6,7-t...	11.457	20.3	ng	75057	2	10.451	74115	20.0
7-Tetradecene	11.716	7.2	ng	26560	2	10.451	74115	20.0
Dodecane, 2,7,1...	12.839	17.1	ng	88688	3	14.327	103869	20.0
unknown13.075	13.075	7.3	ng	37928	3	14.327	103869	20.0
Decahydro-4,4,8...	13.722	9.9	ng	51603	3	14.327	103869	20.0
Heptadecane, 2,...	13.798	19.7	ng	102237	3	14.327	103869	20.0
2-Pentanone, 4-...	14.139	10.0	ng	51791	3	14.327	103869	20.0
Naphthalene, 1,...	14.551	8.0	ng	41672	3	14.327	103869	20.0
Naphthalene, 1,...	14.951	11.4	ng	59033	3	14.327	103869	20.0
4,6,8-Trimethyl...	15.104	7.2	ng	37200	3	14.327	103869	20.0
unknown15.274	15.274	7.0	ng	36368	3	14.327	103869	20.0
Naphthalene, 2,...	15.368	9.0	ng	46609	3	14.327	103869	20.0
Pentadecane, 2,...	15.580	20.4	ng	105774	3	14.327	103869	20.0
unknown15.669	15.669	7.8	ng	40422	3	14.327	103869	20.0
Heptadecane, 2,...	16.057	33.3	ng	204326	4	17.080	122851	20.0
Decane, 3,6-dim...	16.874	17.3	ng	106418	4	17.080	122851	20.0
Hexadecane	17.480	9.2	ng	56243	4	17.080	122851	20.0
9,10-Dimethylan...	18.874	7.2	ng	44461	4	17.080	122851	20.0