LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMPOSITE-01(TP2-TP1)

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: BM028888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	392	399	407	rVB2	145916	287241	7.81%	0.370%
2	6.263	549	557	563	rBV4	164093	342333	9.31%	0.441%
3	6.410	577	582	593	rVB4	139162	330345	8.98%	0.425%
4	6.769	638	643	648	rVV	595061	888659	24.16%	1.145%
5	6.828	648	653	657	rVB	212959	287055	7.81%	0.370%
6	6.940	664	672	677	rVV2	298560	550460	14.97%	0.709%
7	7.016	677	685	690	rVB2	211525	427521	11.63%	0.551%
8	7.181	705	713	719	rVB	179108	314136	8.54%	0.405%
9	7.698	791	801	807	rBV3	152362	407284	11.07%	0.525%
10	7.769	807	813	817	rBV	351008	490170	13.33%	0.631%
11	7.916	833	838	844	rBV	461615	792333	21.54%	1.020%
12	8.081	862	866	873	rVB4	157774	288568	7.85%	0.372%
13	8.175	877	882	887	rVB	390792	586381	15.94%	0.755%
14	8.293	896	902	905	rBV	358868	576021	15.66%	0.742%
15	8.451	922	929	934	rBV2	847767	1524054	41.44%	1.963%
16	8.557	942	947	951	rBV	266574	396498	10.78%	0.511%
17	8.610	951	956	963	rVV	204795	379709	10.32%	0.489%
18	8.757	975	981	986	rBV	192798	339739	9.24%	0.438%
19	8.916	995	1008	1015	rBV	1124107	2080010	56.56%	2.679%
20	8.992	1015	1021	1029	rVB2	471275	819369	22.28%	1.055%
21	9.151	1043	1048	1054	rVB3	250537	540317	14.69%	0.696%
22	9.251	1056	1065	1068	rBV2	226236	505564	13.75%	0.651%
23	9.440	1091	1097	1102	rBV	669530	982577	26.72%	1.266%
24	9.498	1102	1107	1115	rVV	476113	878741	23.89%	1.132%
25	9.692	1132	1140	1143	rBV2	216821	478716	13.02%	0.617%
26	9.728	1143	1146	1151	rVV4	225307	450956	12.26%	0.581%
27	9.775	1151	1154	1157	rVV	201808	329862	8.97%	0.425%
28	9.810	1157	1160	1164	rVV3	219972	377032	10.25%	0.486%
29	9.857	1164	1168	1177	rVB4	549193	1235836	33.60%	1.592%
30	9.945	1178	1183	1188	rBV2	247754	437604	11.90%	0.564%
31	10.016	1188	1195	1202	rVV4	1042710	2179053	59.25%	2.807%
32	10.075	1202	1205	1210	rVV2	263202	413315	11.24%	0.532%
33	10.128	1210	1214	1218	rVV	266355	373787	10.16%	0.481%
34	10.187	1218	1224	1229	rVV4	262616	556861	15.14%	0.717%
35	10.245	1229	1234	1239	rVV	230531	362787	9.86%	0.467%
36	10.310	1239	1245	1252	rVB	291128	567032	15.42%	0.730%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMPOSITE-01(TP2-TP1)

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

37	10.592	1290	1293	1300	rVB3	412801	649479	17.66%	0.836%
38	10.669	1300	1306	1311	rVB2	838416	1592432	43.30%	2.051%
39	10.722	1311	1315	1318	rBV	298489	460600	12.52%	0.593%
40	10.757	1318	1321	1327	rVB	673111	973331	26.47%	1.254%
41	10.822	1327	1332	1339	rVB2	299686	474775	12.91%	0.611%
42	11.081	1371	1376	1383	rVB3	396854	725123	19.72%	0.934%
43	11.269	1403	1408	1410	rBV2	274615	462731	12.58%	0.596%
44	11.363	1421	1424	1432	rVB3	152646	325117	8.84%	0.419%
45	11.433	1432	1436	1444	rBV4	262696	486546	13.23%	0.627%
46	11.522	1445	1451	1458	rVB3	522744	1023101	27.82%	1.318%
47	11.628	1464	1469	1473	rBV	889133	1372903	37.33%	1.768%
48	11.722	1481	1485	1490	rVB3	282089	469991	12.78%	0.605%
49	11.810	1490	1500	1506	rBV2	639030	1331549	36.21%	1.715%
50	11.881	1507	1512	1518	rBV4	159512	312439	8.50%	0.402%
51	11.939	1519	1522	1528	rVB2	166508	302161	8.22%	0.389%
52	12.004	1528	1533	1536	rBV2	207338	374693	10.19%	0.483%
53	12.169	1557	1561	1566	rVB2	395061	608266	16.54%	0.783%
54	12.251	1571	1575	1577	rVV2	351536	540409	14.69%	0.696%
55	12.298	1577	1583	1588	rVB	1475126	2364717	64.30%	3.046%
56	12.516	1610	1620	1622	rBV	931857	1774947	48.26%	2.286%
57	12.669	1640	1646	1649	rBV4	301774	538799	14.65%	0.694%
58	12.728	1649	1656	1661	rBV5	255042	563001	15.31%	0.725%
59	12.939	1688	1692	1695	rBV2	272416	448955	12.21%	0.578%
60	12.992	1696	1701	1707	rVB2	1028362	1617612	43.99%	2.083%
61	13.233	1739	1742	1745	rBV2	190446	295503	8.04%	0.381%
62	13.304	1751	1754	1758	rVB2	243828	306095	8.32%	0.394%
63	13.375	1763	1766	1768	rVV	209569	295850	8.04%	0.381%
64	13.410	1769	1772	1776	rVV2	449348	695767	18.92%	0.896%
65	13.457	1776	1780	1784	rVV4	185849	355774	9.67%	0.458%
66	13.504	1784	1788	1795	rVB2	346445	792439	21.55%	1.021%
67	13.639	1806	1811	1812	rBV2	640434	910864	24.77%	1.173%
68	13.804	1832	1839	1844	rVV2	1159237	2438281	66.30%	3.140%
69	13.857	1844	1848	1851	rVV2	1074348	1631211	44.36%	2.101%
70	13.886	1851	1853	1856	rVV2	374943	491767	13.37%	0.633%
71	13.945	1857	1863	1867	rVV	1554556	2470912	67.19%	3.182%
72	13.992	1867	1871	1875	rVV3	341696	547585	14.89%	0.705%
73	14.039	1875	1879	1887	rVB4	534454	1278117	34.75%	1.646%
74	14.204	1903	1907	1912	rBV3	304474	513262	13.96%	0.661%
75	14.292	1918	1922	1929	rVB4	335428	592590	16.11%	0.763%
76	14.445	1941	1948	1951	rBV4	456637	1123300	30.54%	1.447%

LSC Area Percent Report

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Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMPOSITE-01(TP2-TP1)

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

77	14.563	1965	1968	1971	rVB2	286926	337253	9.17%	0.434%
78	14.692	1984	1990	1997	rVB2	531242	1237903	33.66%	1.594%
79	14.874	2016	2021	2026	rVB2	675251	1141570	31.04%	1.470%
80	14.957	2031	2035	2037	rBV	549358	680430	18.50%	0.876%
81	14.986	2037	2040	2044	rVB3	304914	432843	11.77%	0.557%
82	15.098	2053	2059	2064	rBV	546290	1139418	30.98%	1.468%
83	15.151	2065	2068	2072	rVB	350249	460669	12.53%	0.593%
84	15.298	2091	2093	2099	rVB3	264347	304182	8.27%	0.392%
85	15.516	2123	2130	2134	rBV5	394248	870068	23.66%	1.121%
86	15.563	2135	2138	2143	rVB3	222252	417719	11.36%	0.538%
87	15.721	2156	2165	2174	rVB2	1285766	2552459	69.41%	3.287%
88	15.933	2197	2201	2204	rVB3	306668	406196	11.05%	0.523%
89	16.204	2241	2247	2252	rBV	2324532	3677585	100.00%	4.737%
90	16.333	2266	2269	2273	rVB	203471	284221	7.73%	0.366%
91	16.516	2295	2300	2304	rBV5	254455	494440	13.44%	0.637%
92	16.580	2307	2311	2316	rVB4	453992	650742	17.69%	0.838%
93	16.774	2341	2344	2355	rVB4	308155	662122	18.00%	0.853%
94	17.015	2380	2385	2389	rBV	1188607	1647760	44.81%	2.122%
95	17.221	2414	2420	2423	rBV3	255882	495230	13.47%	0.638%
96	17.263	2423	2427	2432	rVV	341311	507148	13.79%	0.653%
97	17.615	2483	2487	2493	rBV4	397540	631436	17.17%	0.813%
98	18.092	2564	2568	2571	rBV	280185	405513	11.03%	0.522%
99	18.139	2572	2576	2581	rVB	367531	536355	14.58%	0.691%
100	19.004	2719	2723	2728	rBV	255875	358705	9.75%	0.462%

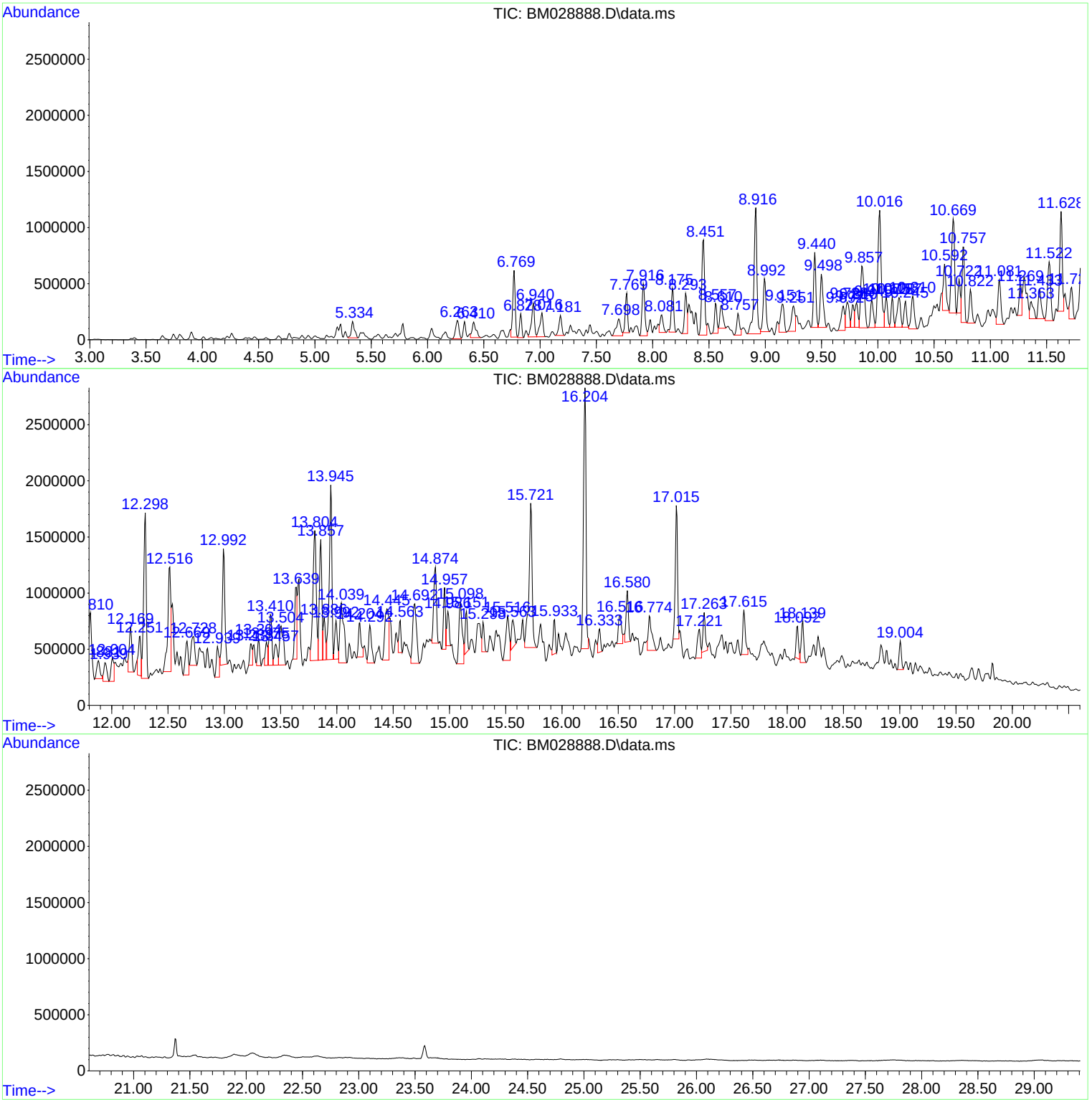
Sum of corrected areas: 77642887

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

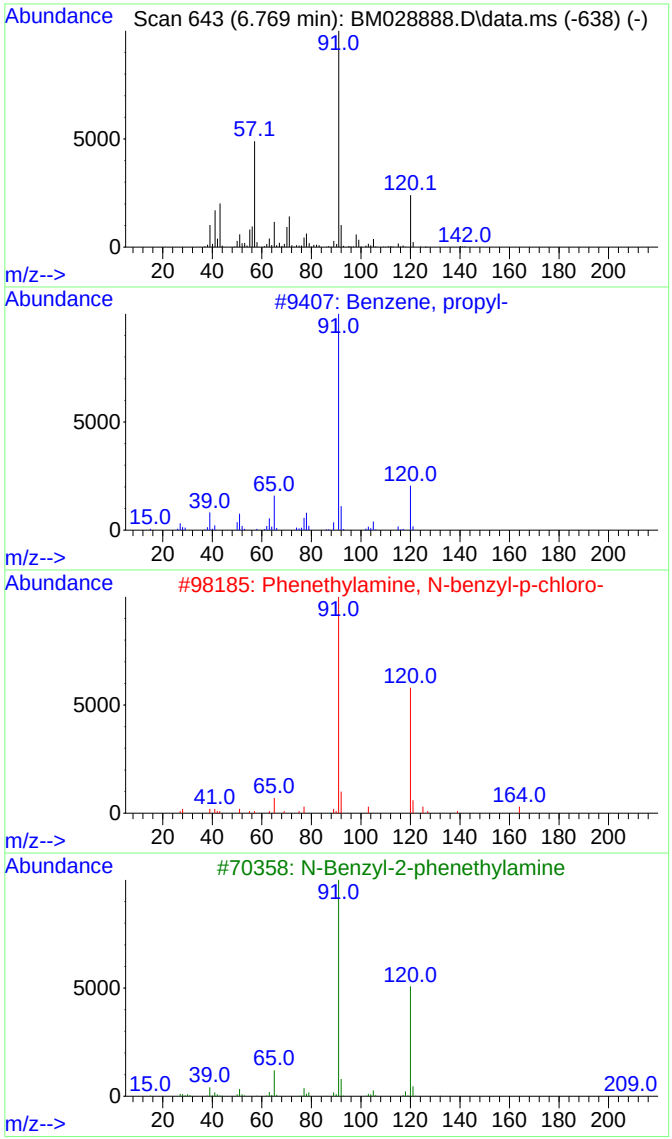
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

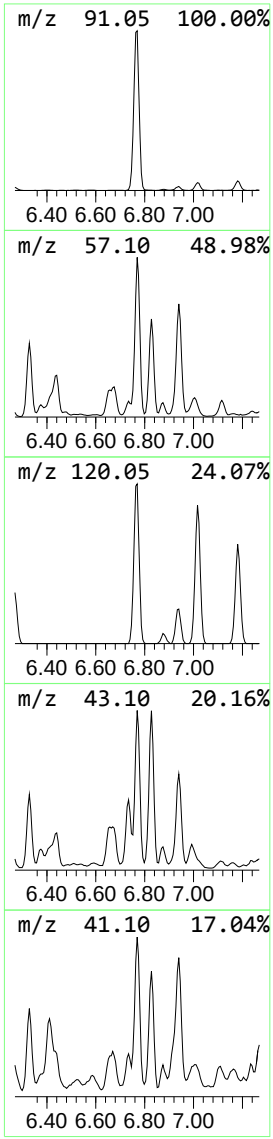
****

Peak Number 1 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.769	36.26 ng	888659	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	55
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	47
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	43
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

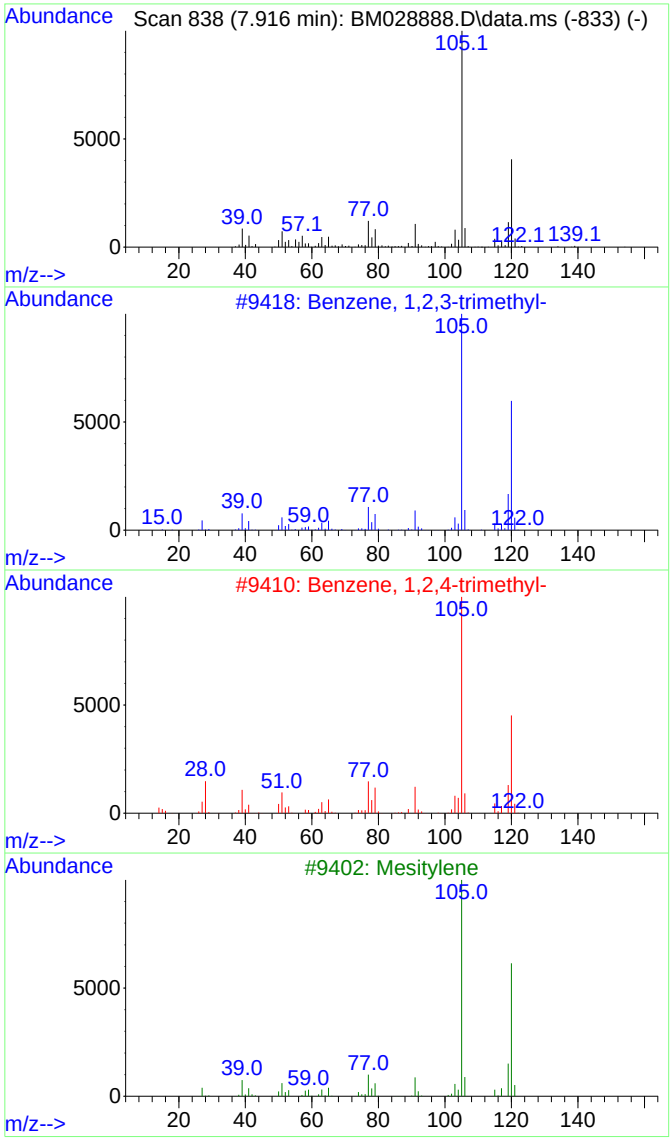
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

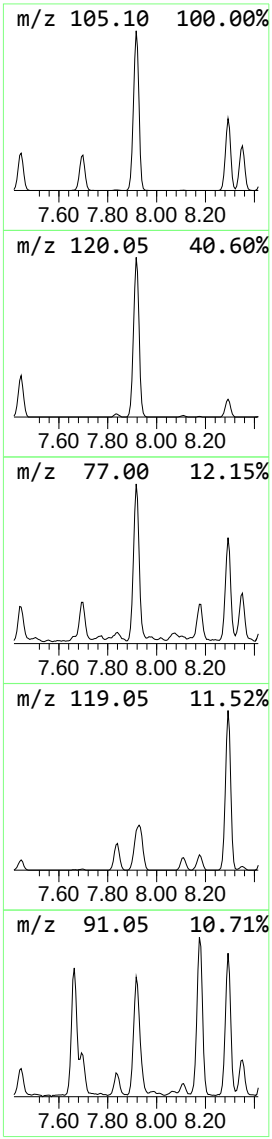
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	32.33 ng	792333	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

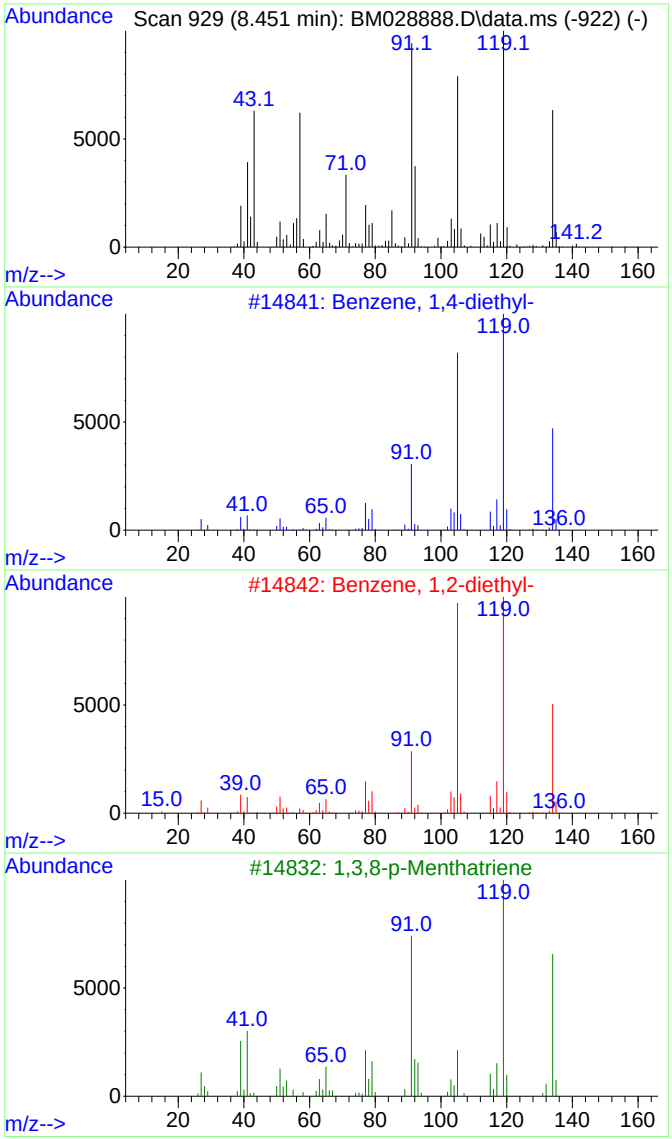
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

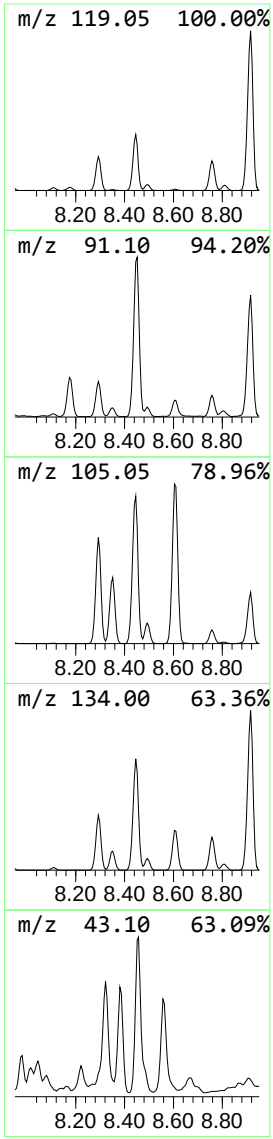
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	62.18 ng	1524050	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

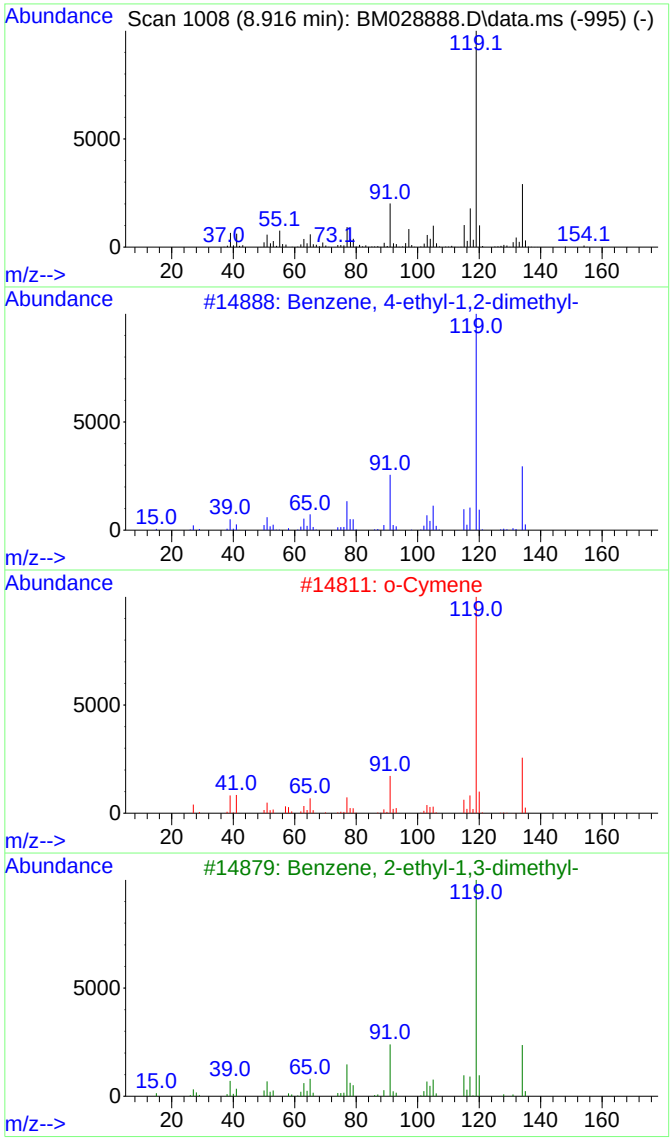
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

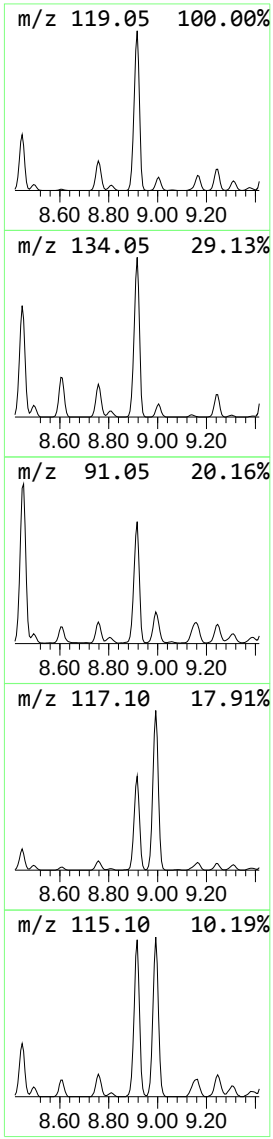
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	84.87 ng	2080010	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

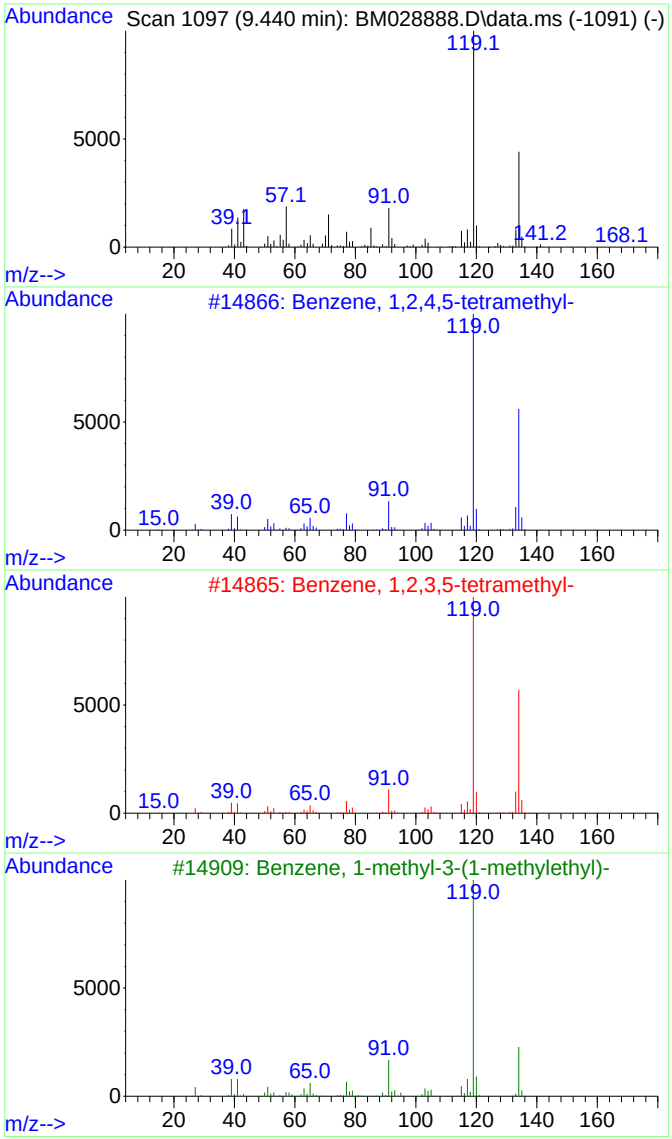
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

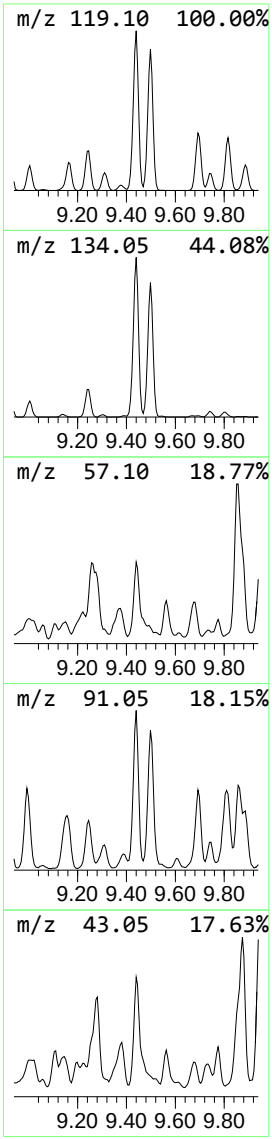
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.440	30.26 ng	982577	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91





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Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

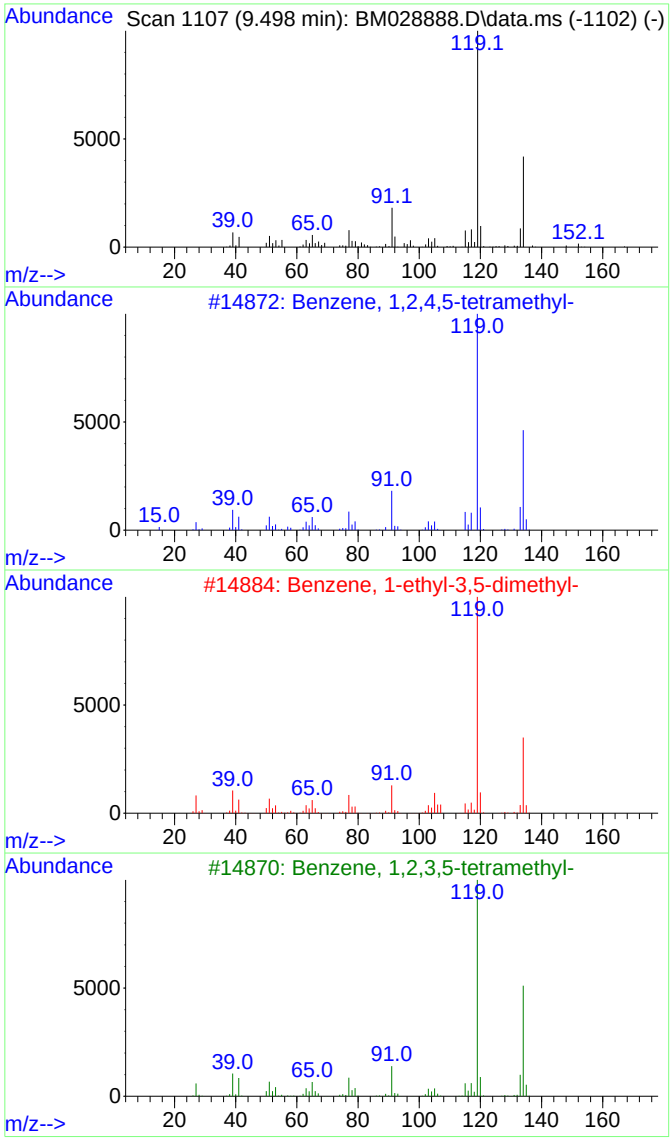
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

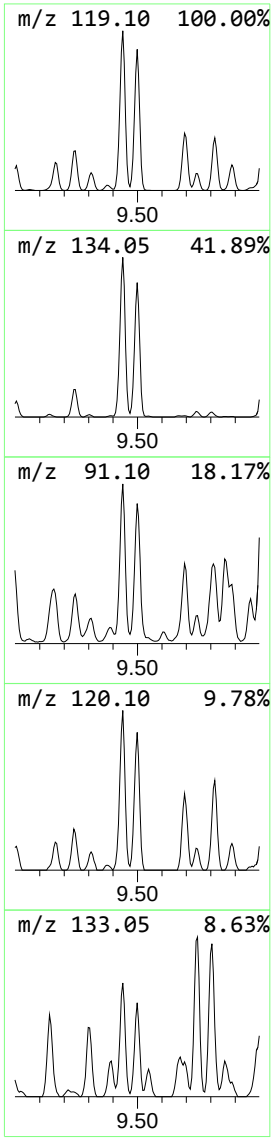
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	27.06 ng	878741	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

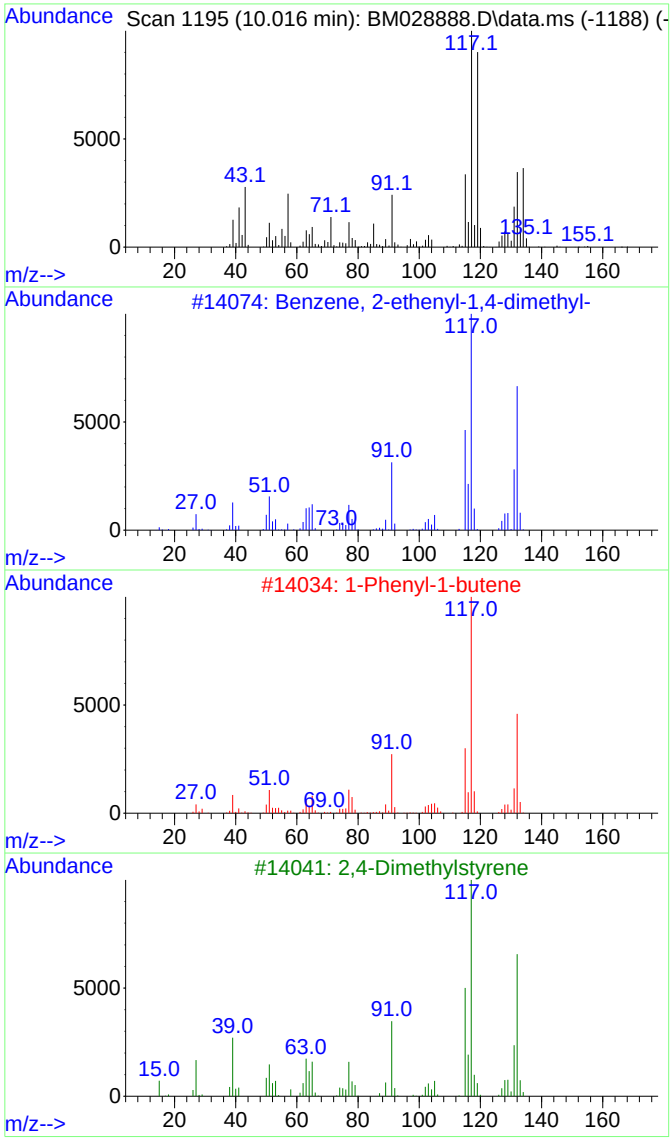
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

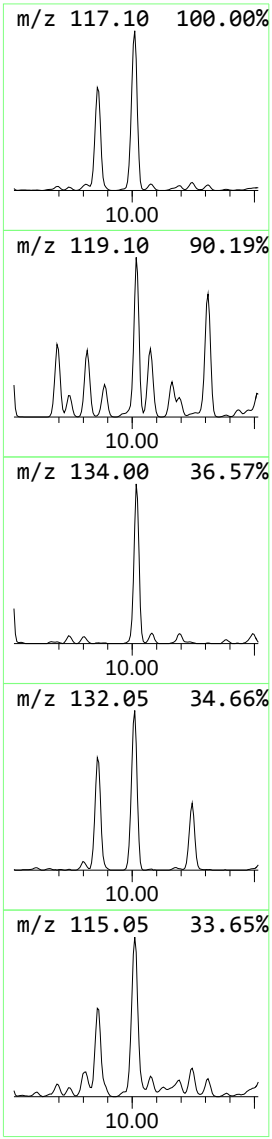
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	67.10 ng	2179050	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

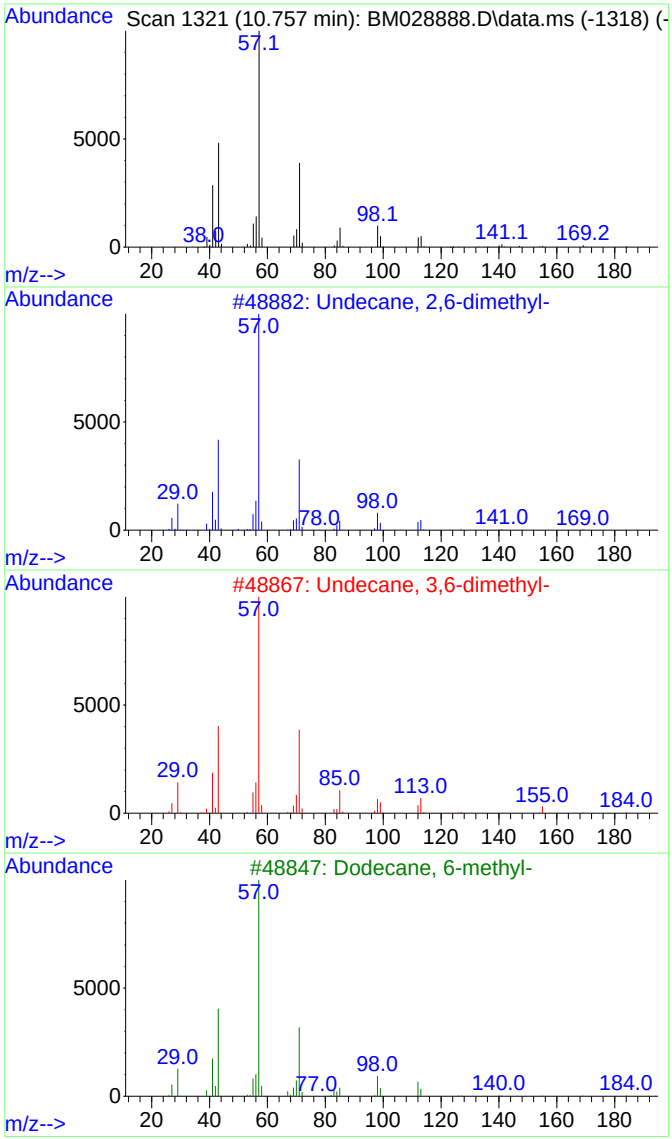
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

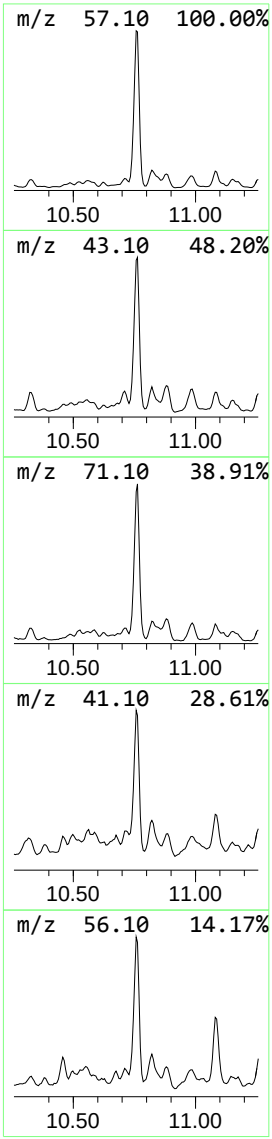
****

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	29.97 ng	973331	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

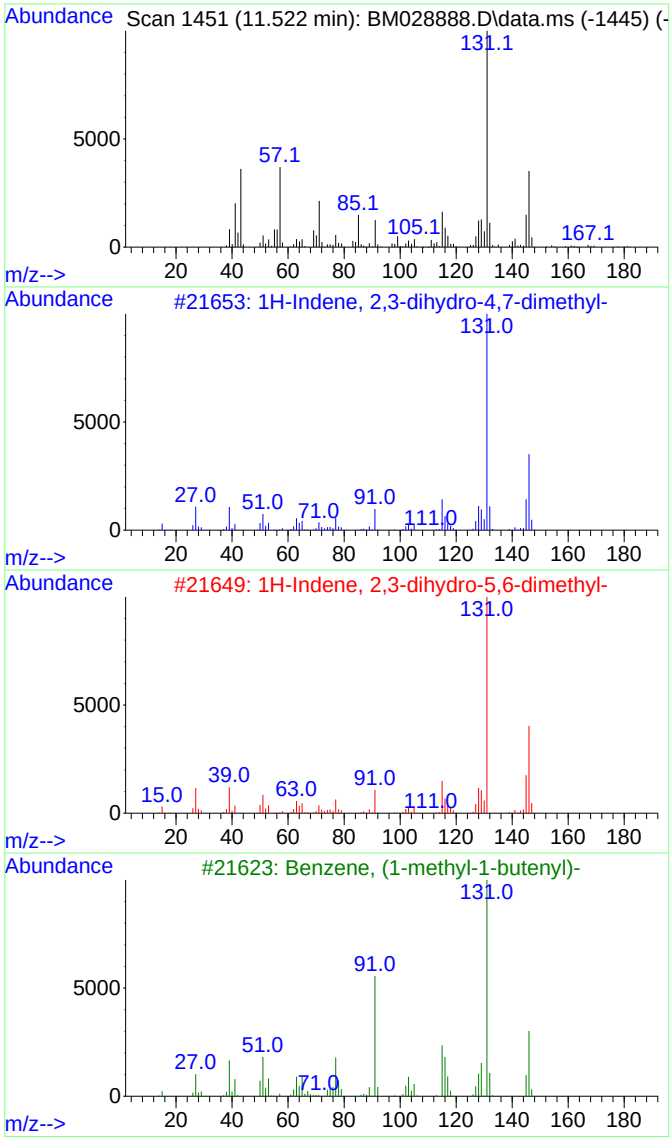
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

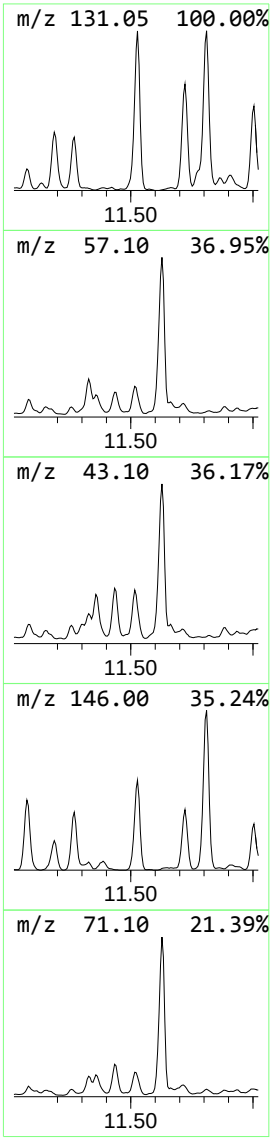
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.522	31.51 ng	1023100	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	92
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

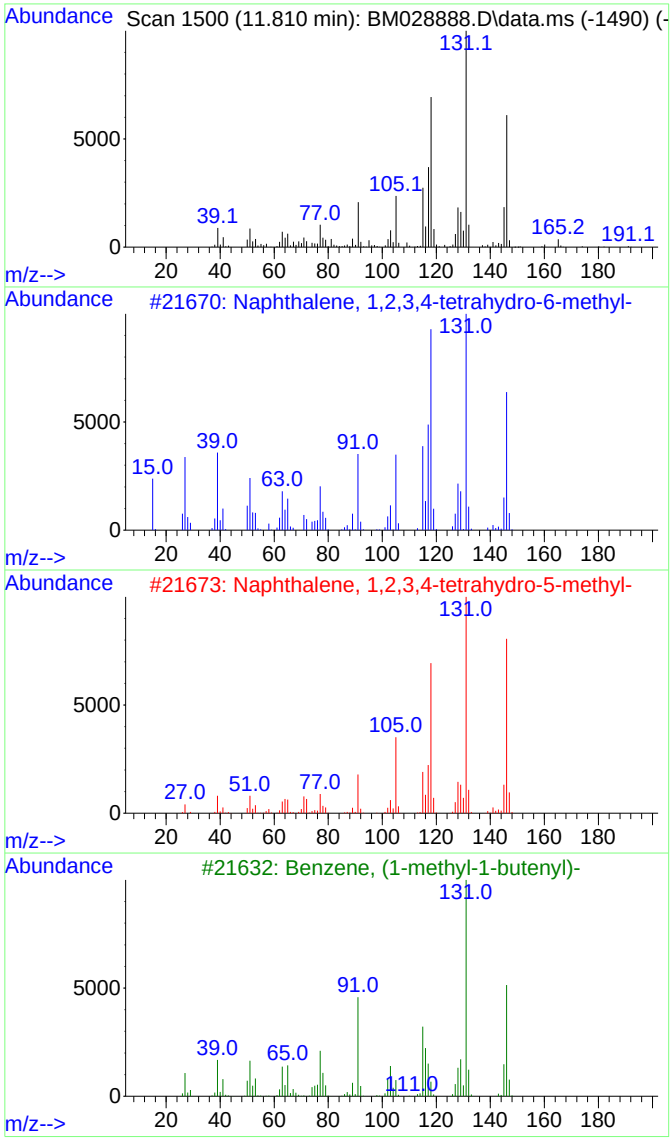
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

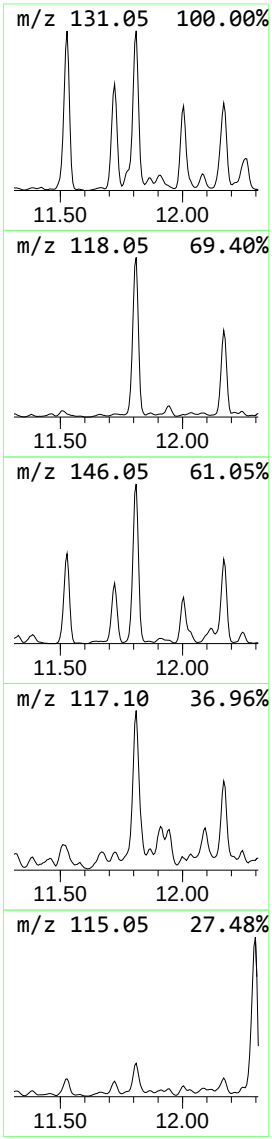
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	41.00 ng	1331550	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





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Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

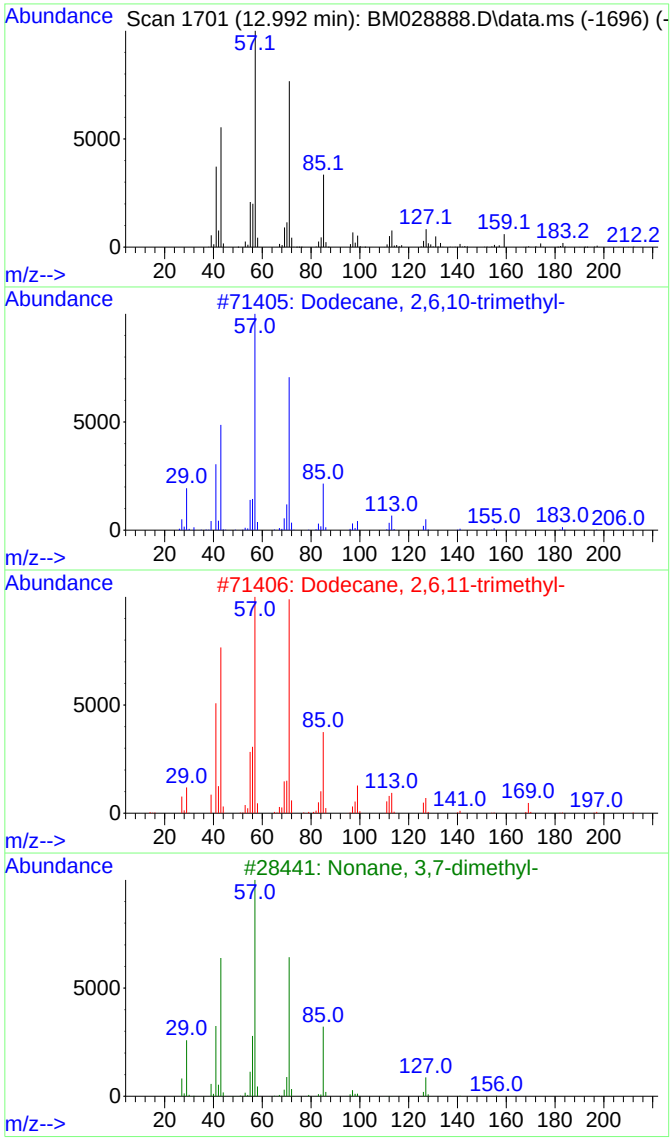
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

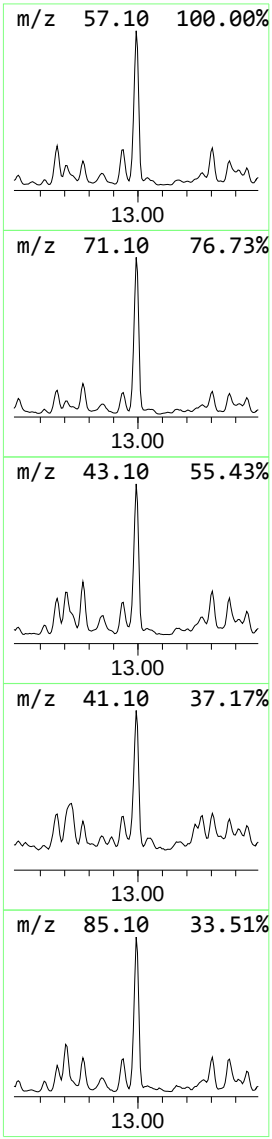
****

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	28.80 ng	1617610	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

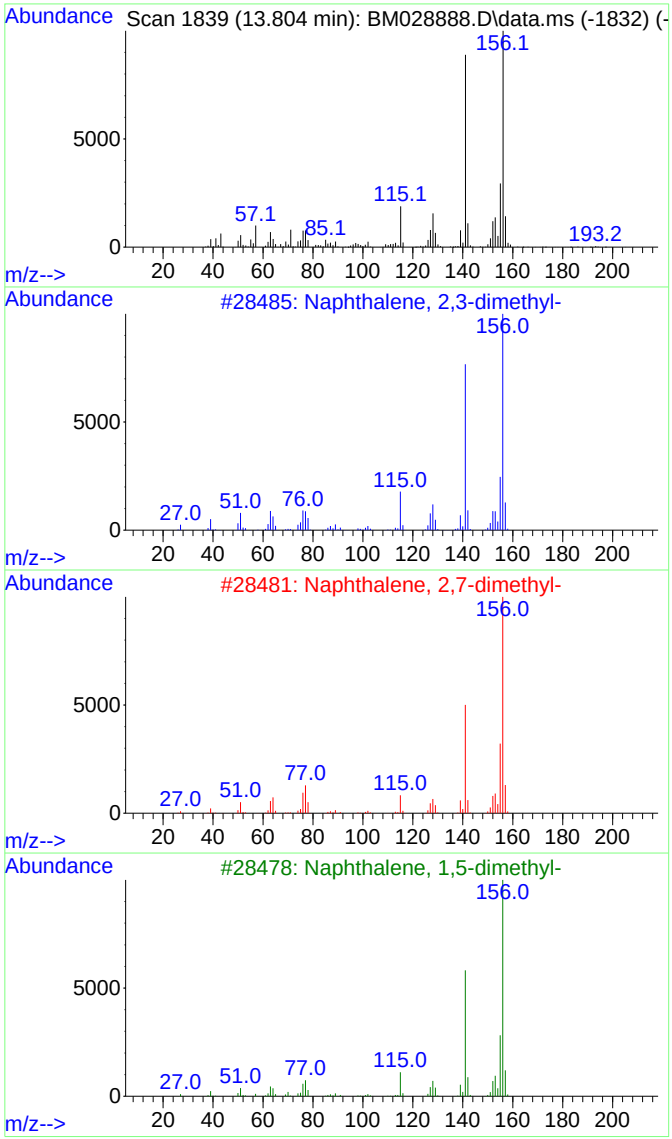
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

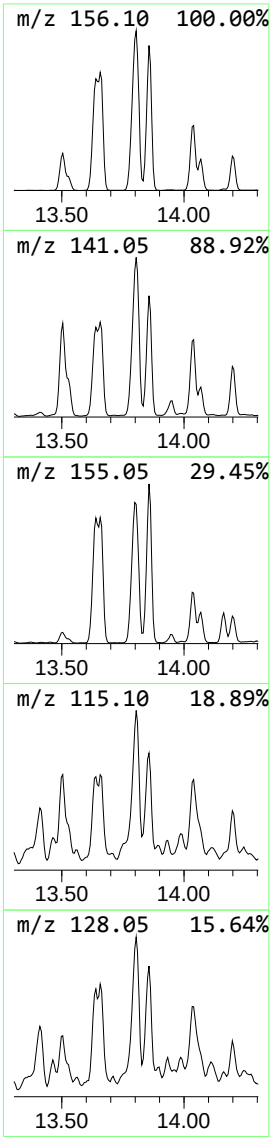
****

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	43.41 ng	2438280	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

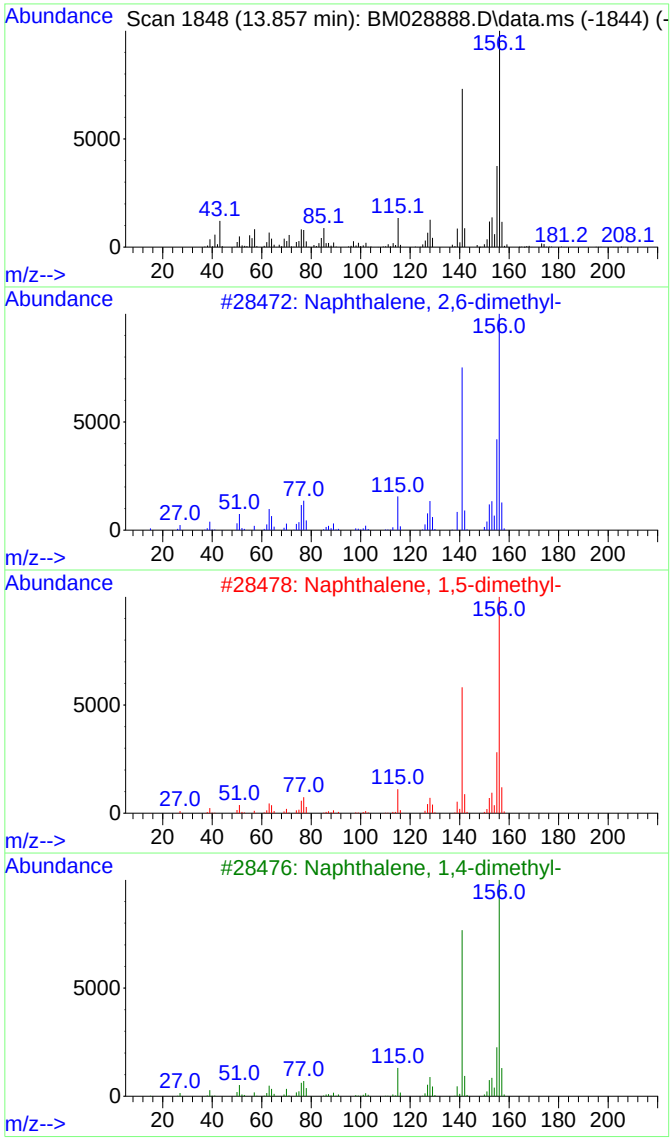
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

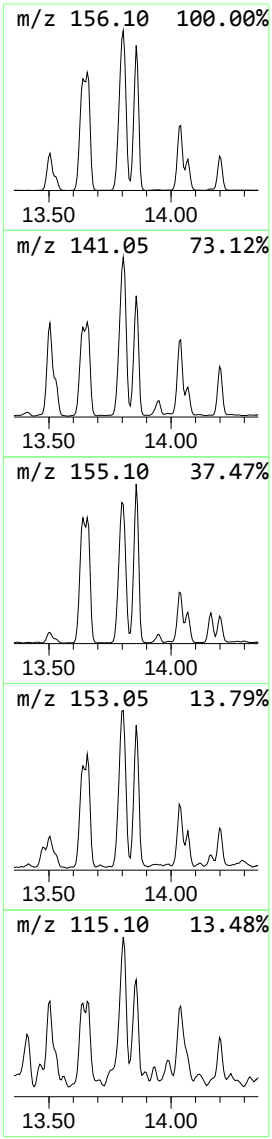
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	29.04 ng	1631210	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

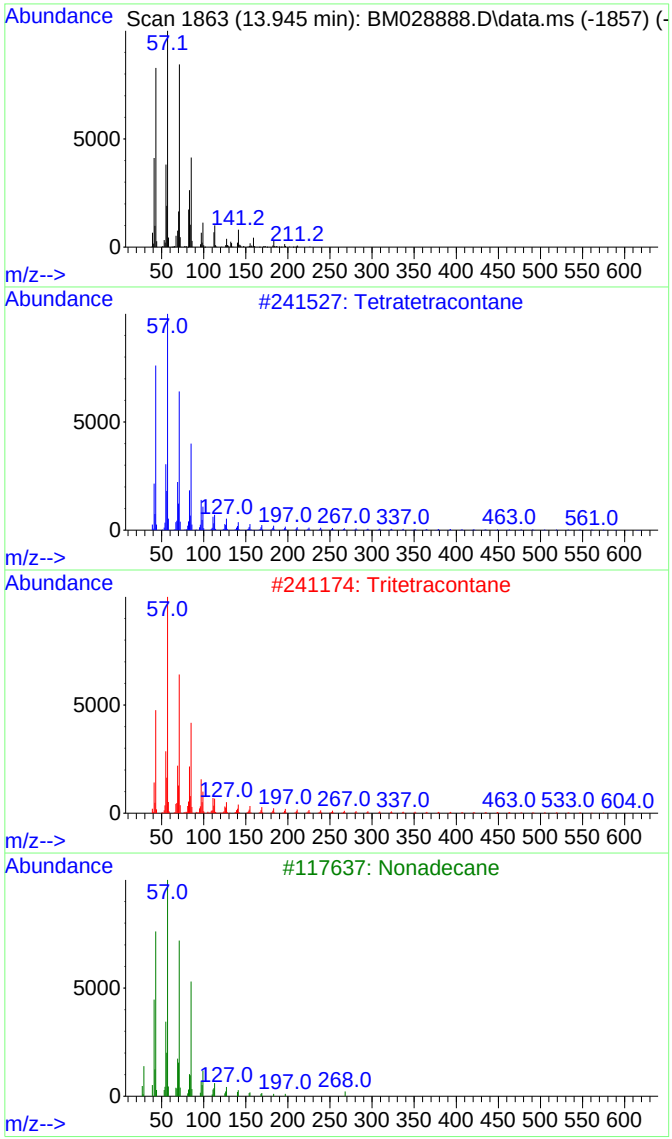
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

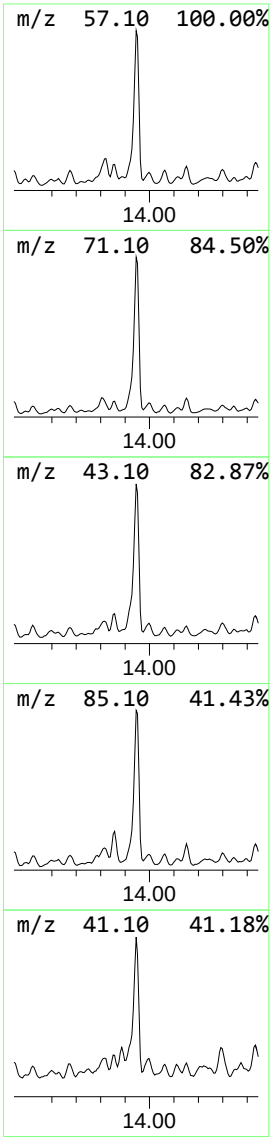
****

Peak Number 14 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	43.99 ng	2470910	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane	198	C14H30	000629-59-4	80





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Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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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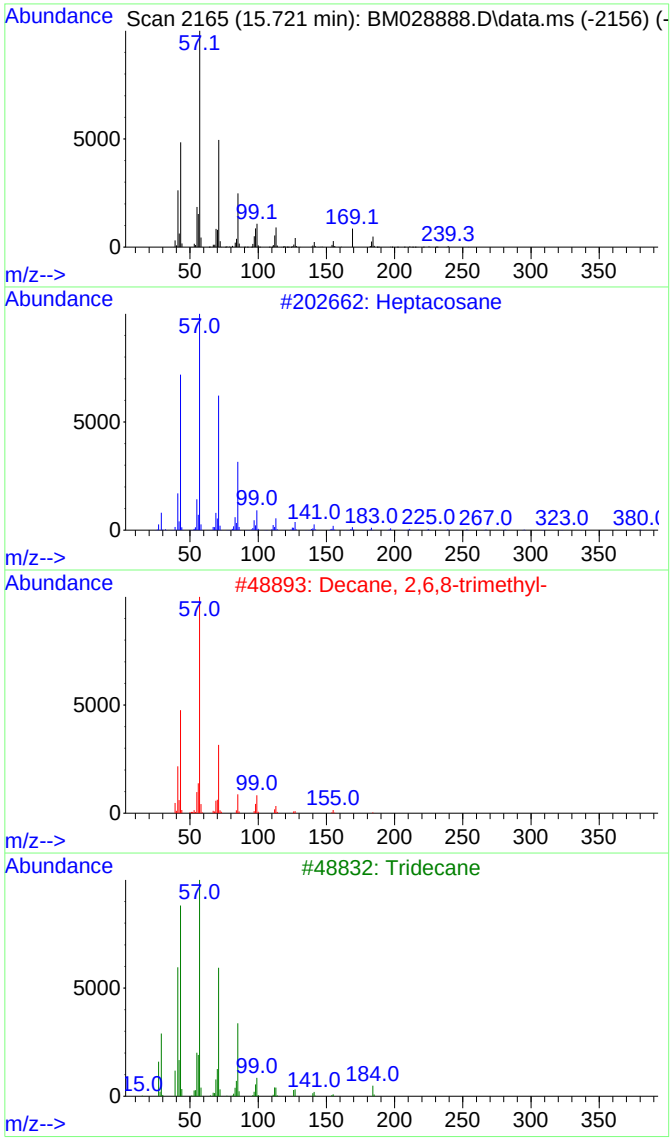
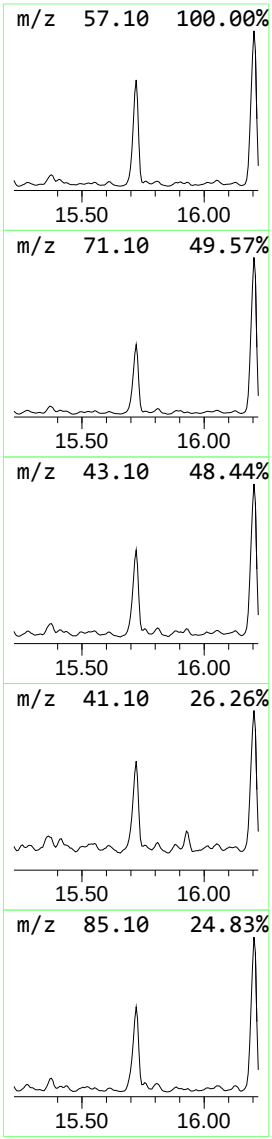
Peak Number 15 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	45.45 ng	2552460	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3	Tridecane	184	C13H28	000629-50-5	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSITE-01(TP2-TP1)

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

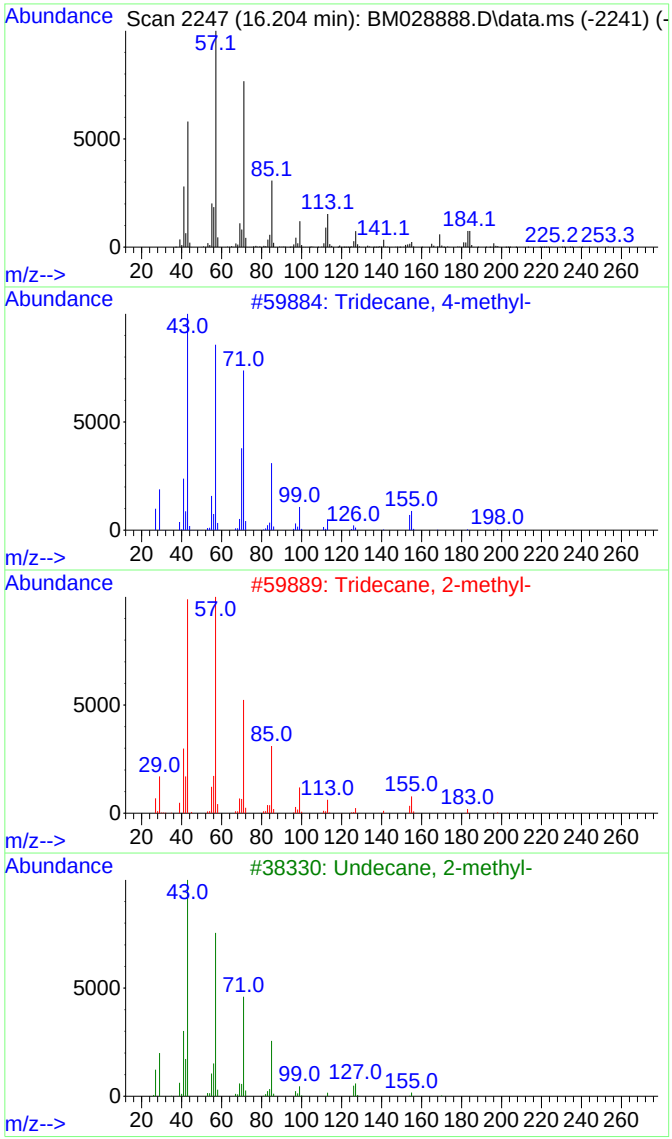
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

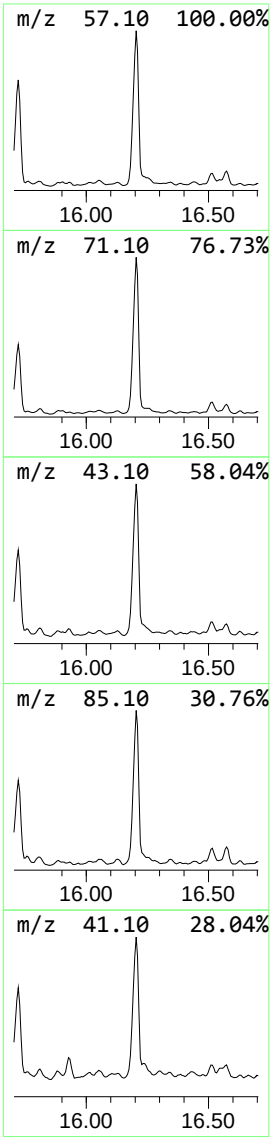
****

Peak Number 16 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	148.52 ng	3677590	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	74
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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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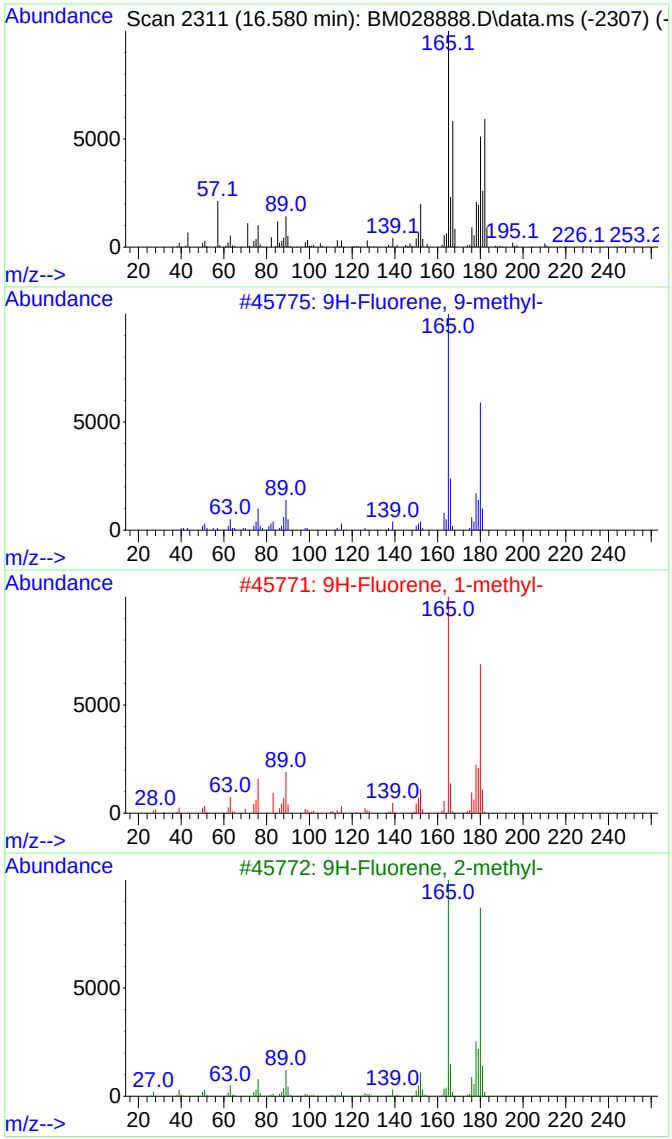
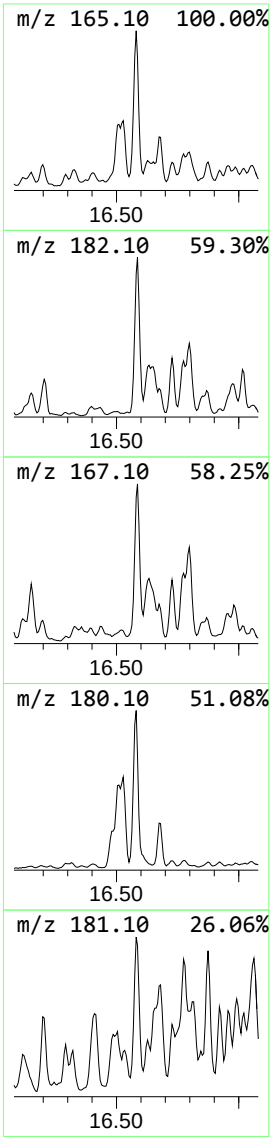
Peak Number 17 9H-Fluorene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.580	26.28 ng	650742	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	43
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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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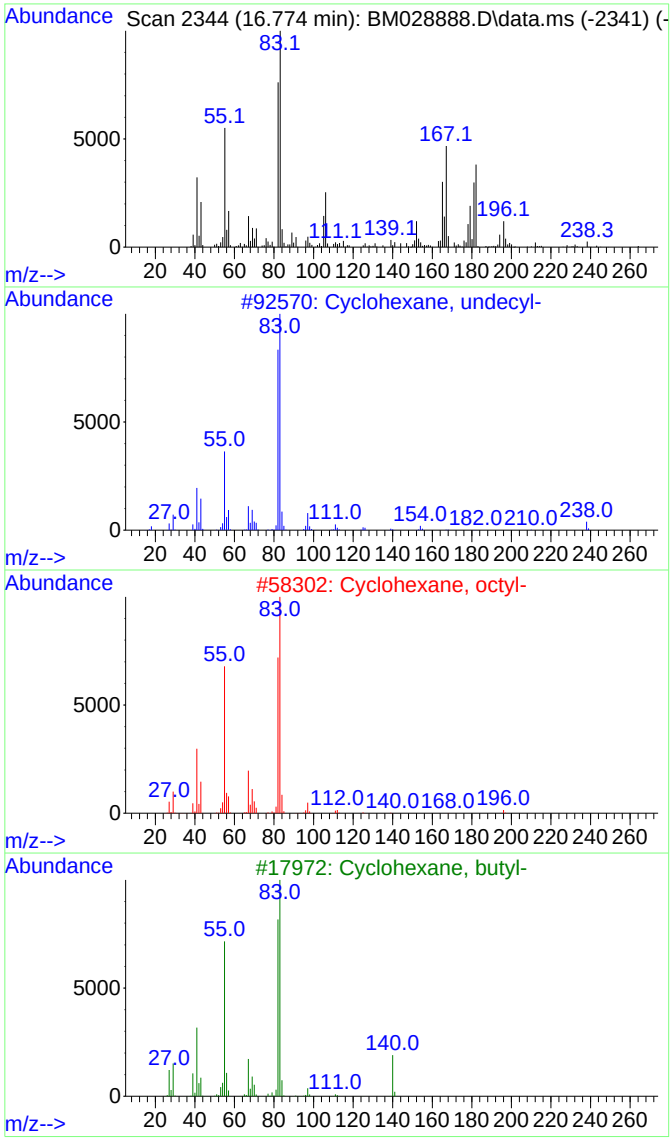
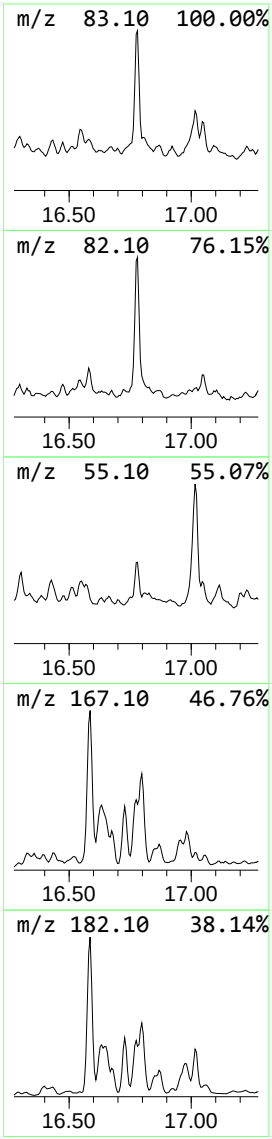
Peak Number 18 Cyclohexane, undecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.774	26.74 ng	662122	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	70
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	41
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	38





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Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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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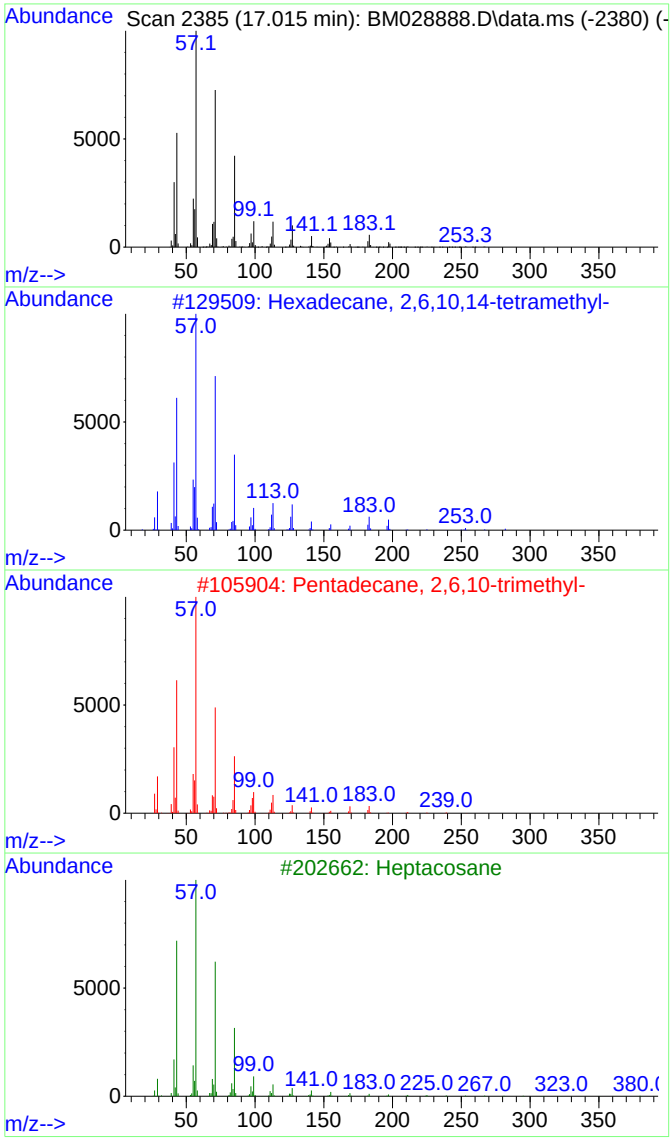
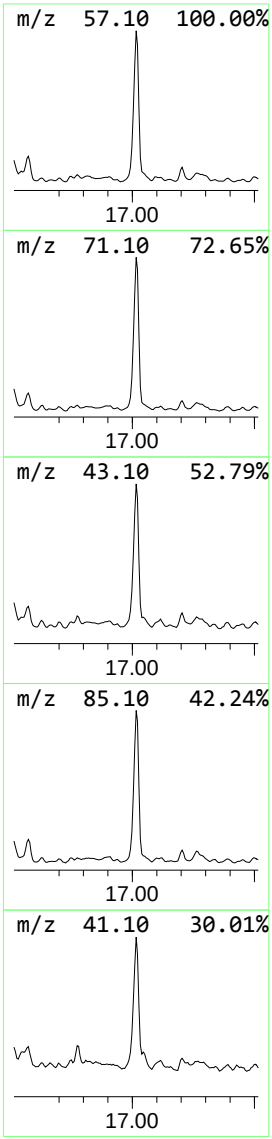
Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	66.55 ng	1647760	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

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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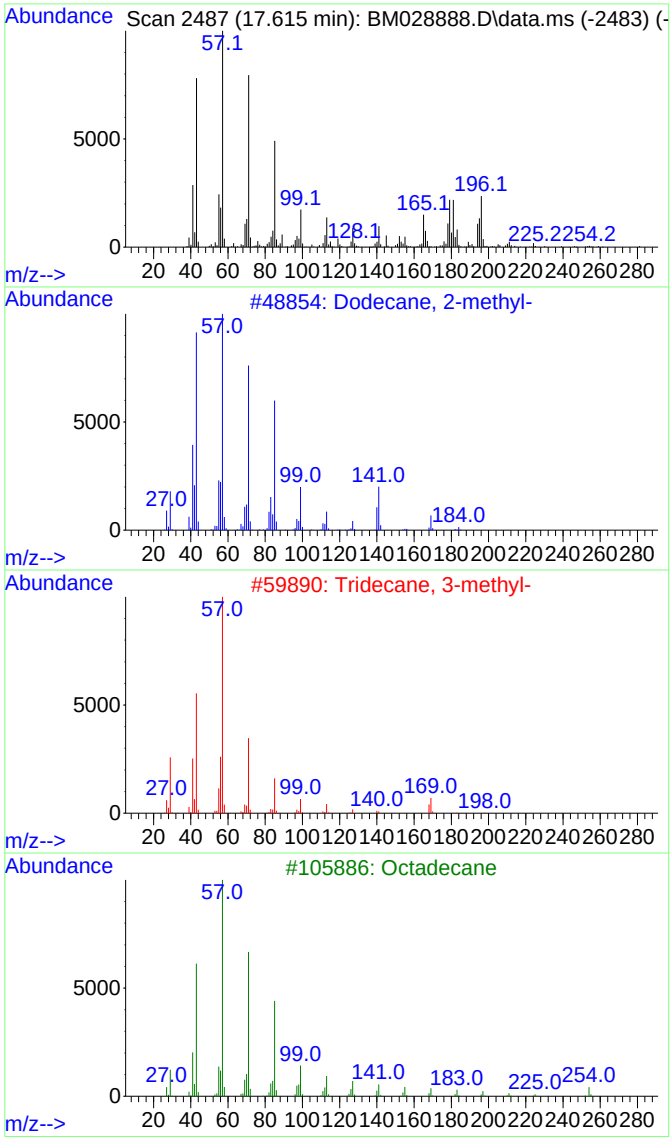
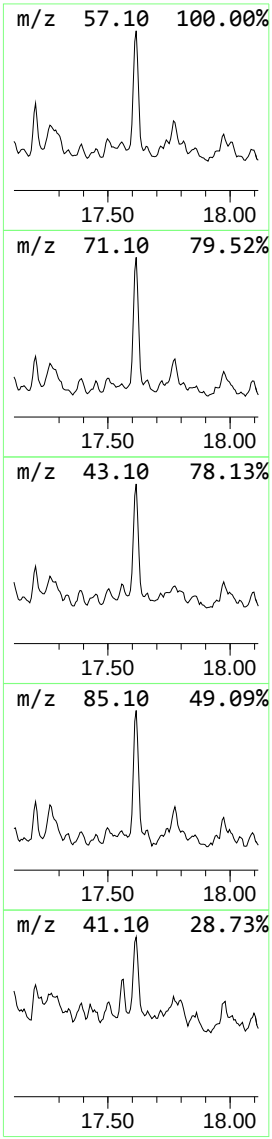
Peak Number 20 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.615	25.50 ng	631436	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
3	Octadecane	254	C18H38	000593-45-3	49
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Hentriacontane	437	C31H64	000630-04-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028888.D
Acq On : 24 Feb 2021 20:35
Operator : CG/JU
Sample : M1472-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMPOSITE-01(TP2-TP1)

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
Benzene, propyl-	6.769	36.3	ng	888659	1	7.804	490170	20.0
Benzene, 1,2,3-...	7.916	32.3	ng	792333	1	7.804	490170	20.0
Benzene, 1,4-di...	8.451	62.2	ng	1524050	1	7.804	490170	20.0
Benzene, 4-ethy...	8.916	84.9	ng	2080010	1	7.804	490170	20.0
Benzene, 1,2,4,...	9.440	30.3	ng	982577	2	10.616	649479	20.0
Benzene, 1-ethy...	9.498	27.1	ng	878741	2	10.616	649479	20.0
Benzene, 2-ethe...	10.016	67.1	ng	2179050	2	10.616	649479	20.0
Undecane, 2,6-d...	10.757	30.0	ng	973331	2	10.616	649479	20.0
1H-Indene, 2,3-...	11.522	31.5	ng	1023100	2	10.616	649479	20.0
Naphthalene, 1,...	11.810	41.0	ng	1331550	2	10.616	649479	20.0
Dodecane, 2,6,1...	12.992	28.8	ng	1617610	3	14.475	1123300	20.0
Naphthalene, 2,...	13.804	43.4	ng	2438280	3	14.475	1123300	20.0
Naphthalene, 2,...	13.857	29.0	ng	1631210	3	14.475	1123300	20.0
Tetratetracontane	13.945	44.0	ng	2470910	3	14.475	1123300	20.0
Heptacosane	15.722	45.5	ng	2552460	3	14.475	1123300	20.0
Tridecane, 4-me...	16.204	148.5	ng	3677590	4	17.221	495230	20.0
9H-Fluorene, 9-...	16.580	26.3	ng	650742	4	17.221	495230	20.0
Cyclohexane, un...	16.774	26.7	ng	662122	4	17.221	495230	20.0
Hexadecane, 2,6...	17.015	66.5	ng	1647760	4	17.221	495230	20.0
Dodecane, 2-met...	17.615	25.5	ng	631436	4	17.221	495230	20.0