LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.019	297	303	308	rBV2	40046	59881	1.70%	0.119%
2	5.372	357	363	371	rBV6	20981	52009	1.48%	0.103%
3	5.496	377	384	397	rVB	745173	1105171	31.46%	2.193%
4	6.201	497	504	512	rBV6	30791	80821	2.30%	0.160%
5	6.419	535	541	548	rBV5	24911	61329	1.75%	0.122%
6	6.490	548	553	558	rBV	57995	85560	2.44%	0.170%
7	6.572	558	567	570	rBV4	37931	76662	2.18%	0.152%
8	6.931	619	628	633	rBV4	48247	103557	2.95%	0.206%
9	7.101	648	657	666	rBV	460976	864412	24.61%	1.716%
10	7.431	710	713	721	rVB6	24228	51204	1.46%	0.102%
11	7.766	764	770	779	rBV9	23473	58169	1.66%	0.115%
12	7.937	792	799	806	rVV2	634585	1095347	31.18%	2.174%
13	8.013	807	812	818	rVB3	34343	73876	2.10%	0.147%
14	8.137	828	833	837	rVB4	40626	58125	1.65%	0.115%
15	8.207	837	845	847	rBV	43564	86060	2.45%	0.171%
16	8.231	847	849	857	rVB5	49334	88731	2.53%	0.176%
17	8.507	892	896	906	rVB2	98637	180264	5.13%	0.358%
18	8.719	928	932	938	rBV5	27622	58055	1.65%	0.115%
19	8.837	946	952	960	rVB6	42916	113095	3.22%	0.224%
20	8.925	960	967	973	rBV8	21400	61581	1.75%	0.122%
21	9.054	979	989	992	rBV3	135672	326774	9.30%	0.649%
22	9.101	992	997	1014	rVV	988941	1898801	54.05%	3.769%
23	9.219	1014	1017	1021	rVB5	33158	51488	1.47%	0.102%
24	9.272	1021	1026	1028	rBV3	59253	96699	2.75%	0.192%
25	9.301	1028	1031	1038	rVB4	70545	147052	4.19%	0.292%
26	9.395	1038	1047	1048	rBV6	31839	80621	2.30%	0.160%
27	9.431	1048	1053	1059	rVB4	46436	116563	3.32%	0.231%
28	9.542	1067	1072	1075	rBV5	34985	61745	1.76%	0.123%
29	9.601	1076	1082	1088	rVB3	76876	157397	4.48%	0.312%
30	9.672	1088	1094	1099	rBV5	60730	110435	3.14%	0.219%
31	9.884	1126	1130	1134	rBV3	55881	75433	2.15%	0.150%
32	9.937	1134	1139	1147	rVB5	107867	196235	5.59%	0.389%
33	10.013	1147	1152	1154	rBV2	44915	78981	2.25%	0.157%
34	10.101	1160	1167	1171	rBV6	43507	91619	2.61%	0.182%
35	10.154	1171	1176	1181	rBV3	96169	172845	4.92%	0.343%
36	10.348	1204	1209	1221	rVB8	59143	157039	4.47%	0.312%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.454	1223	1227	1232	rBV	68605	130128	3.70%	0.258%
38	10.542	1237	1242	1246	rVV5	45289	74244	2.11%	0.147%
39	10.619	1252	1255	1258	rBV4	40983	60448	1.72%	0.120%
40	10.748	1268	1277	1283	rBV	790895	1525501	43.43%	3.028%
41	10.872	1294	1298	1302	rVV3	99937	152052	4.33%	0.302%
42	10.925	1302	1307	1312	rVB	334665	478971	13.64%	0.951%
43	10.978	1312	1316	1324	rBV5	81672	174261	4.96%	0.346%
44	11.054	1325	1329	1334	rVB5	73908	129923	3.70%	0.258%
45	11.254	1358	1363	1369	rVB	217602	332946	9.48%	0.661%
46	11.378	1381	1384	1388	rBV5	34154	52549	1.50%	0.104%
47	11.460	1388	1398	1405	rVB8	157238	471399	13.42%	0.936%
48	11.531	1406	1410	1416	rVB4	66719	140534	4.00%	0.279%
49	11.601	1417	1422	1427	rBV7	78496	170312	4.85%	0.338%
50	11.789	1449	1454	1458	rBV	404645	681140	19.39%	1.352%
51	11.866	1463	1467	1473	rVB2	109005	200348	5.70%	0.398%
52	11.948	1477	1481	1489	rVB4	142346	275063	7.83%	0.546%
53	12.048	1489	1498	1502	rBV4	257079	515969	14.69%	1.024%
54	12.401	1551	1558	1565	rVB6	284822	752539	21.42%	1.494%
55	12.495	1570	1574	1580	rBV5	81977	182169	5.19%	0.362%
56	13.130	1678	1682	1688	rVB3	744340	1094091	31.15%	2.171%
57	13.207	1689	1695	1701	rVV	1638788	2358300	67.13%	4.681%
58	13.407	1724	1729	1732	rBV4	249398	428677	12.20%	0.851%
59	13.513	1743	1747	1754	rBV2	215633	428628	12.20%	0.851%
60	13.619	1762	1765	1766	rBV2	109040	122447	3.49%	0.243%
61	13.642	1767	1769	1774	rVB3	206156	279273	7.95%	0.554%
62	13.760	1782	1789	1794	rBV3	333831	833726	23.73%	1.655%
63	13.907	1809	1814	1819	rBV	422867	735674	20.94%	1.460%
64	13.960	1820	1823	1826	rBV	200940	284136	8.09%	0.564%
65	14.072	1838	1842	1846	rVB2	863304	1142179	32.51%	2.267%
66	14.136	1846	1853	1857	rBV3	305308	638704	18.18%	1.268%
67	14.172	1857	1859	1864	rVB2	202126	243492	6.93%	0.483%
68	14.307	1875	1882	1886	rBV3	241337	556837	15.85%	1.105%
69	14.354	1888	1890	1894	rVV3	231699	326321	9.29%	0.648%
70	14.424	1898	1902	1908	rVB4	288090	491353	13.99%	0.975%
71	14.583	1921	1929	1935	rBV	1249932	2505701	71.33%	4.973%
72	14.871	1975	1978	1982	rBV3	173470	291245	8.29%	0.578%
73	14.983	1994	1997	2003	rVB2	534962	779172	22.18%	1.546%
74	15.054	2007	2009	2014	rVB	434361	539647	15.36%	1.071%
75	15.113	2015	2019	2024	rBV6	551746	857366	24.41%	1.702%
76	15.201	2030	2034	2038	rBV	606049	974868	27.75%	1.935%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.248	2040	2042	2046	rVB	337051	416303	11.85%	0.826%
78	15.536	2087	2091	2099	rVB6	367000	712807	20.29%	1.415%
79	15.618	2101	2105	2109	rBV2	544574	844655	24.05%	1.676%
80	15.842	2139	2143	2150	rVB	1164328	1779013	50.64%	3.531%
81	16.071	2178	2182	2189	rVB3	963150	1569814	44.69%	3.116%
82	16.318	2218	2224	2229	rBV2	1694106	2647760	75.37%	5.255%
83	16.683	2282	2286	2291	rBV5	627833	1123553	31.98%	2.230%
84	17.142	2360	2364	2374	rVB	2133300	3512793	100.00%	6.972%
85	17.324	2391	2395	2399	rBV	1370304	1962116	55.86%	3.894%
86	17.748	2464	2467	2472	rVB	657634	854404	24.32%	1.696%
87	18.389	2573	2576	2580	rVB2	695702	962972	27.41%	1.911%
88	19.118	2697	2700	2704	rBV	952893	1252384	35.65%	2.486%
89	19.942	2837	2840	2844	rVB	1958343	2099747	59.77%	4.167%

Sum of corrected areas: 50384290

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
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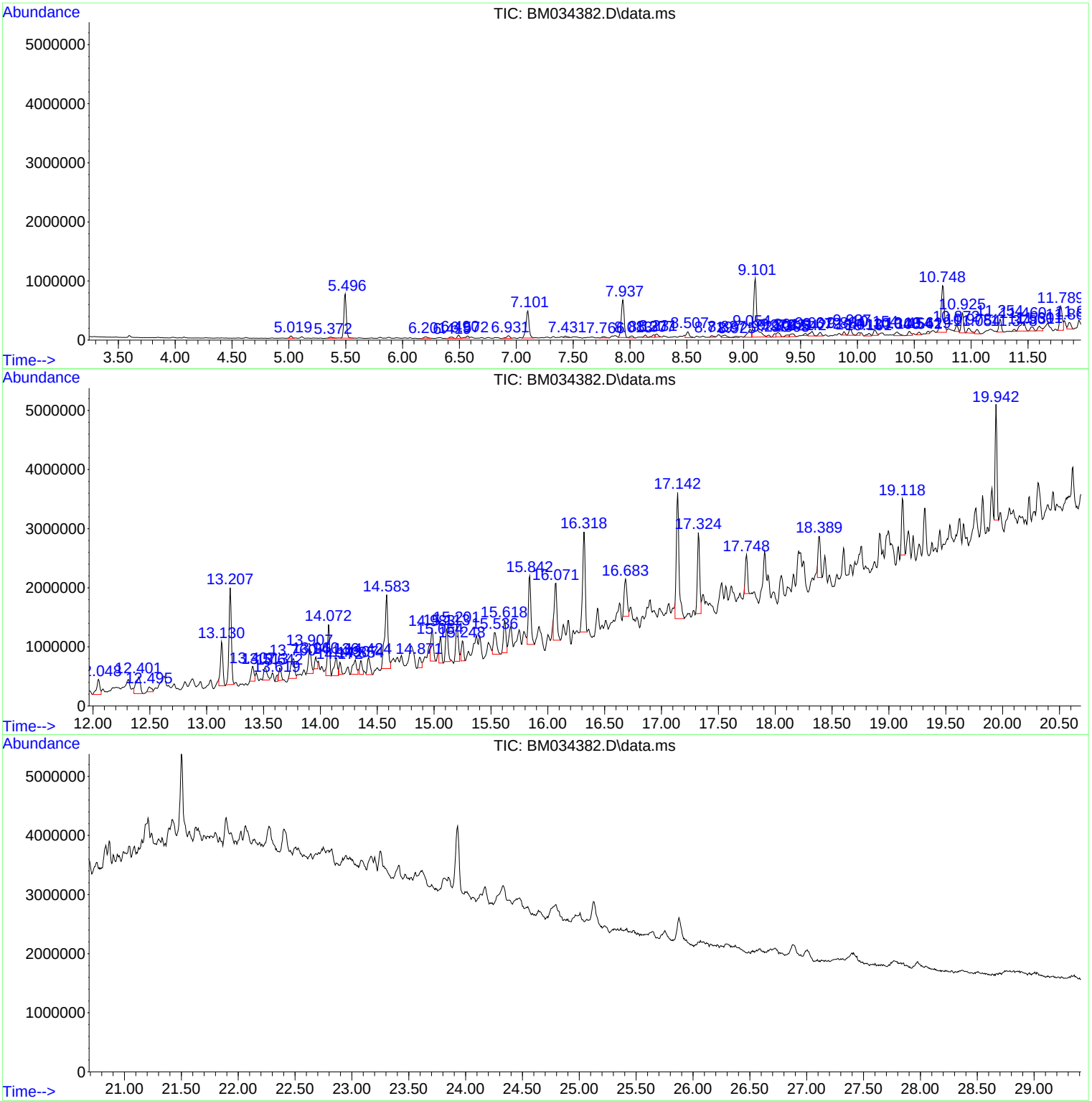
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

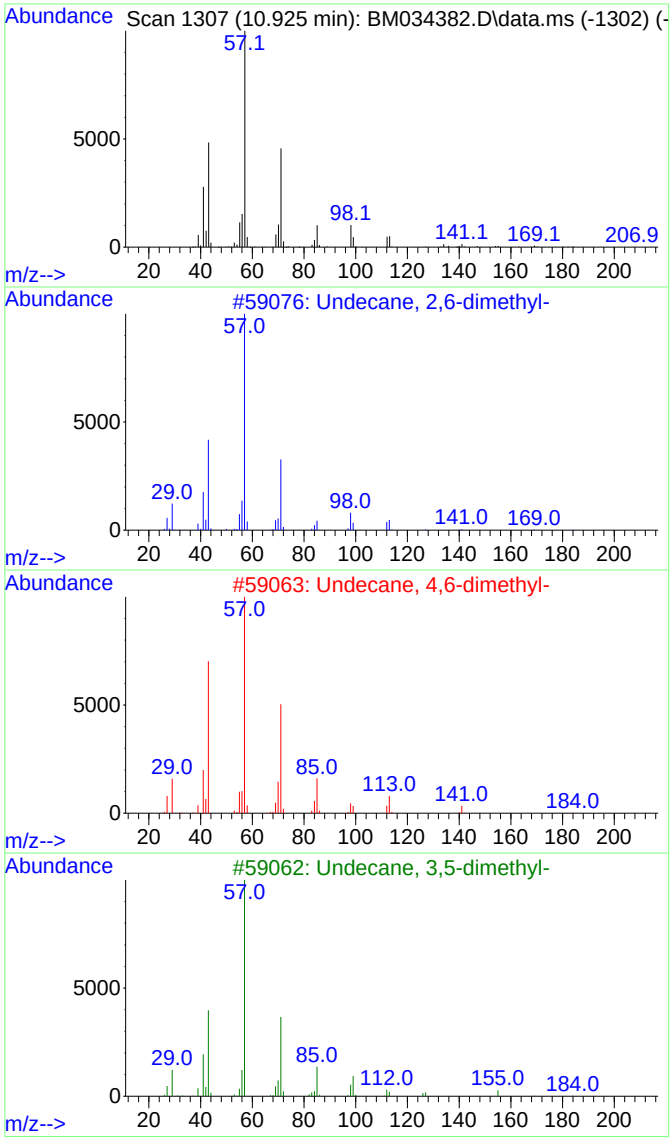
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

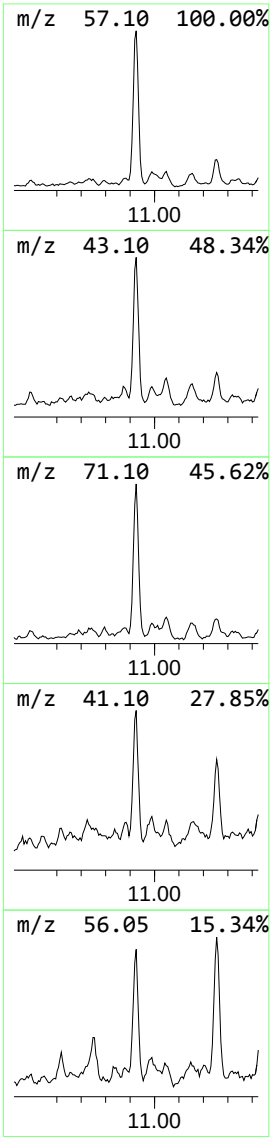
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.925	6.28 ng	478971	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

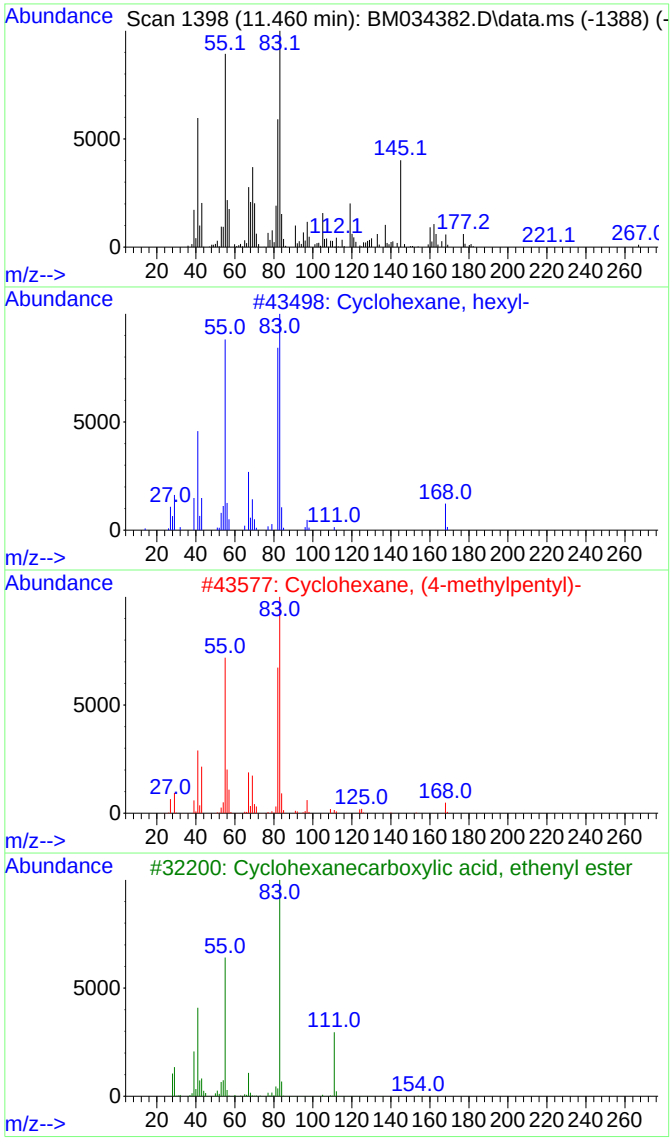
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

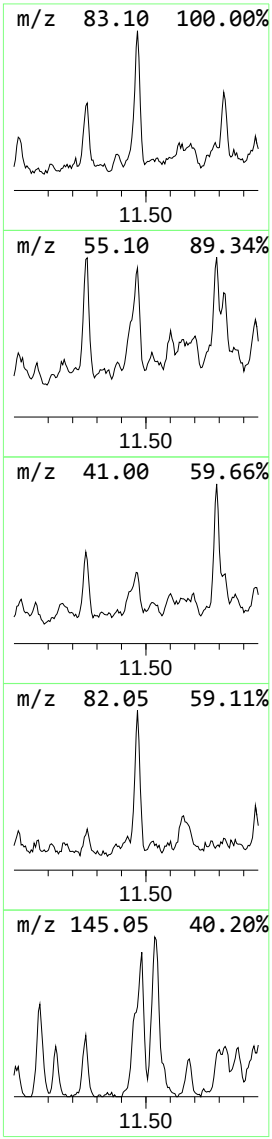
****

Peak Number 2 unknown11.460 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.460	6.18 ng	471399	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	25
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	25
5	6-Dodecene, (Z)-	168	C12H24	007206-29-3	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

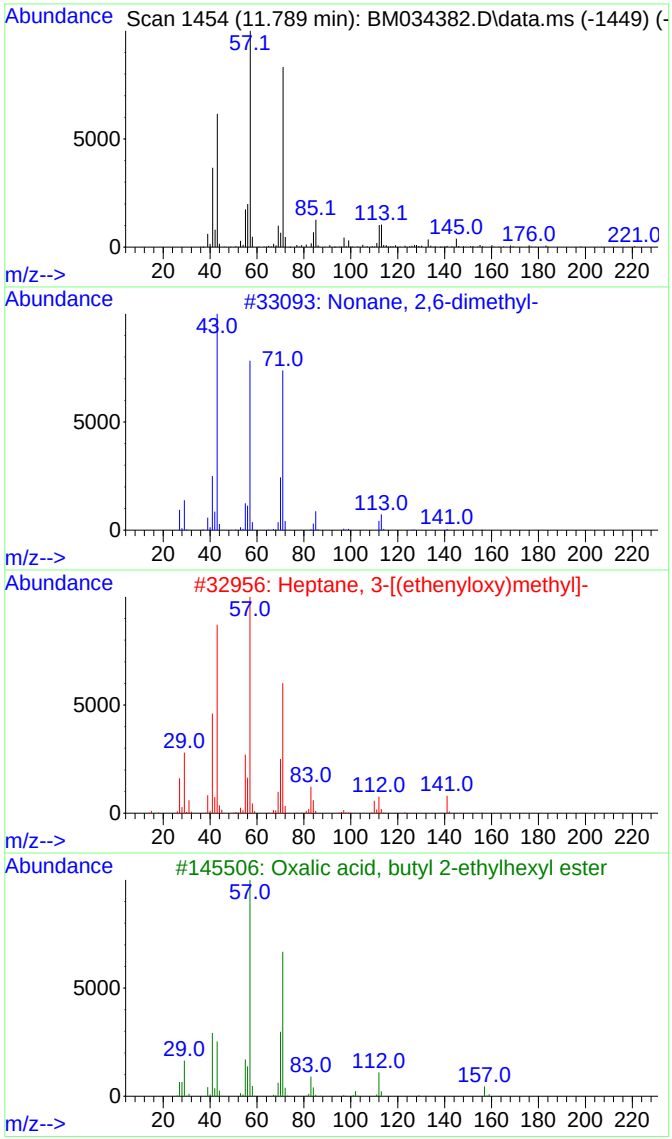
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

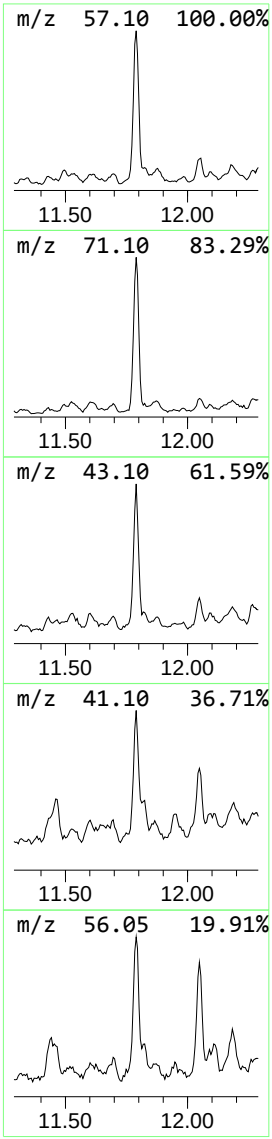
****

Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.789	8.93 ng	681140	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
3	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
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Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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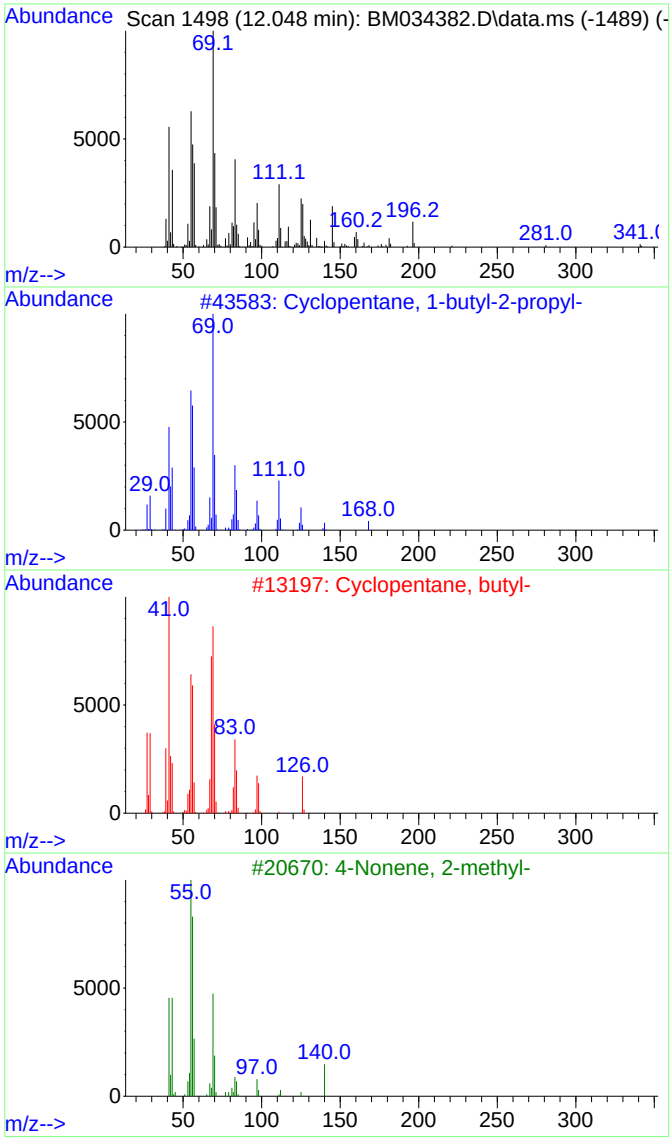
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

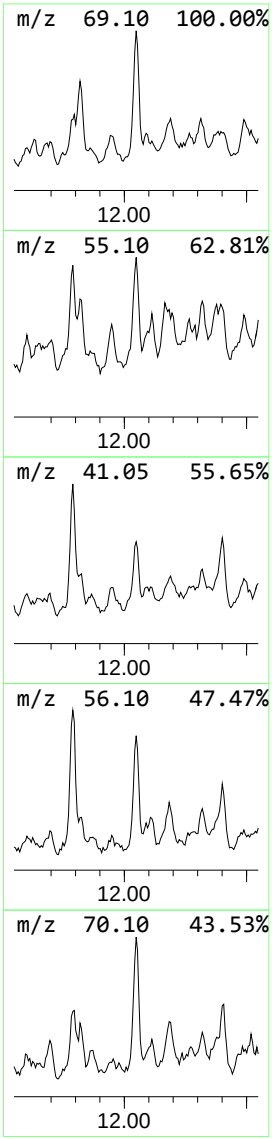
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1-butyl-2-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.048	6.76 ng	515969	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	81
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	72
3	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	58
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	55
5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

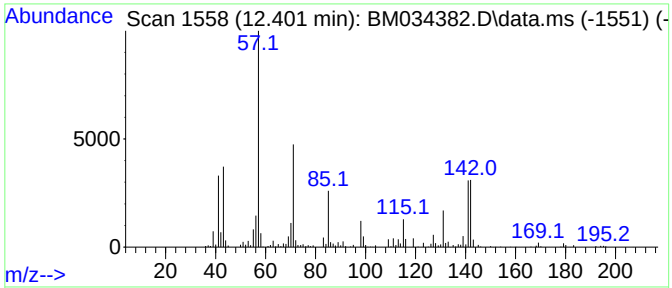
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

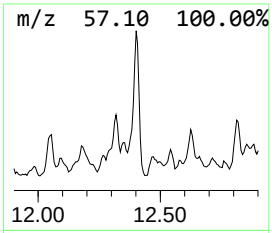
****

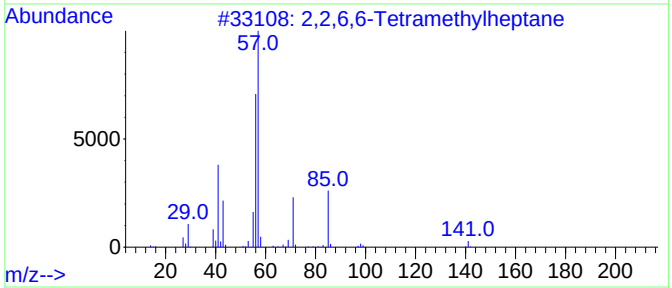
Peak Number 5 unknown12.401 Concentration Rank 6

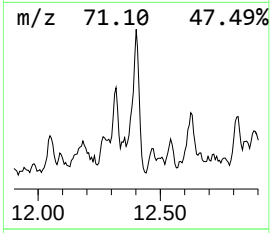
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.401	9.87 ng	752539	Naphthalene-d8	10.754

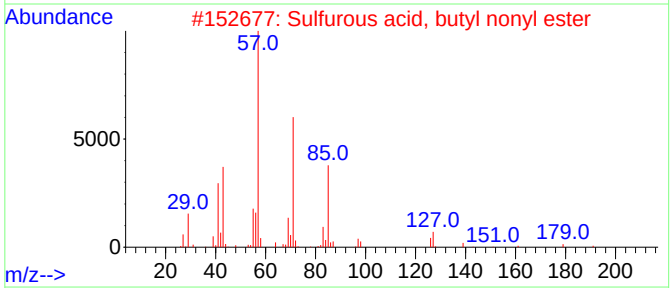
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	43
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	38
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	35

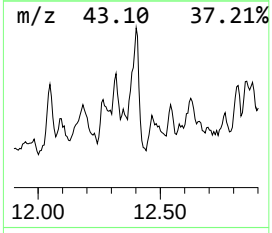


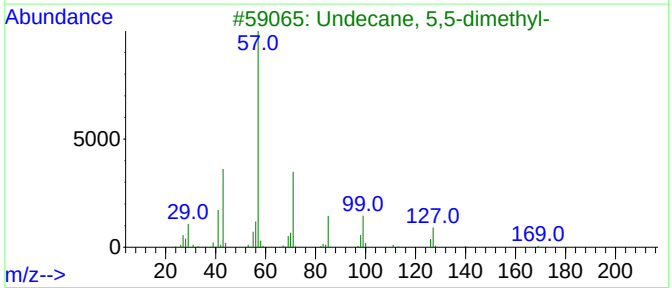


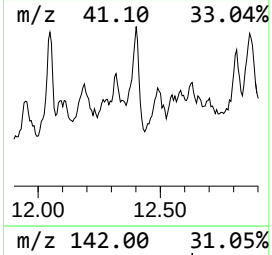


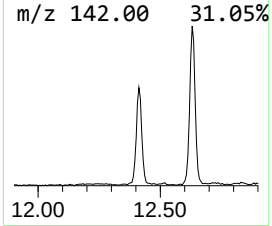












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Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

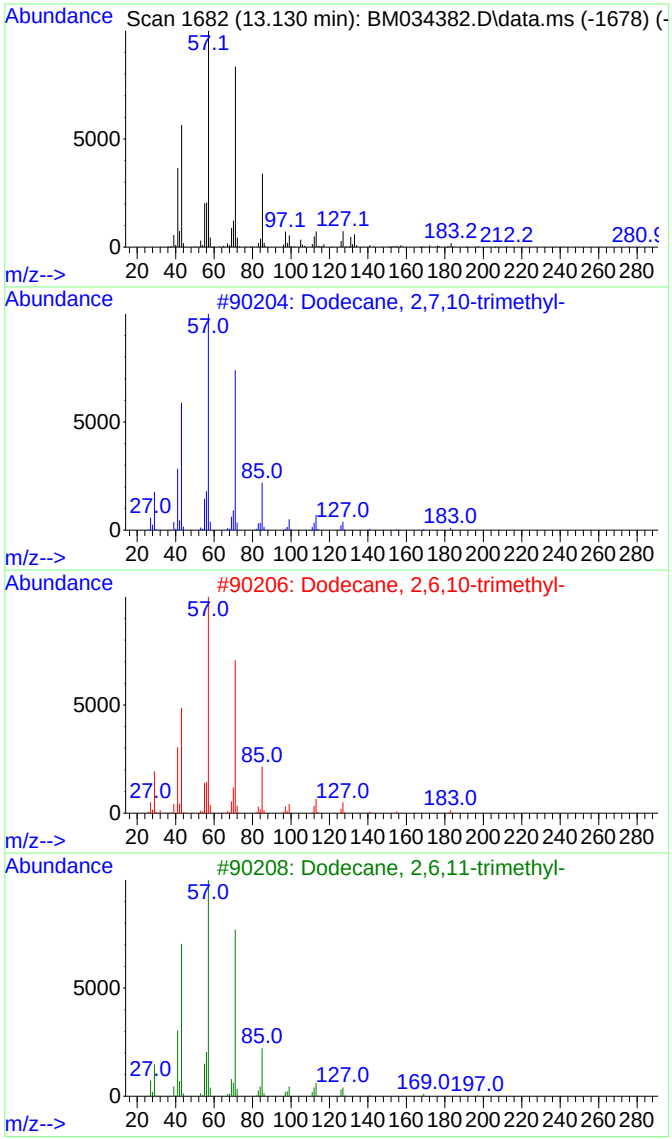
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

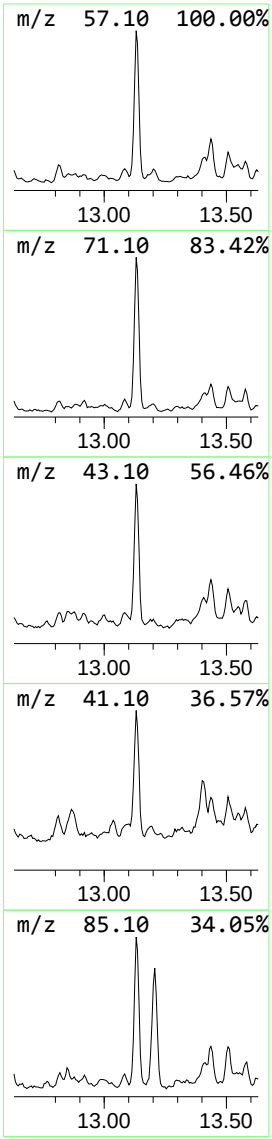
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.130	8.73 ng	1094090	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-7-BOTTOM

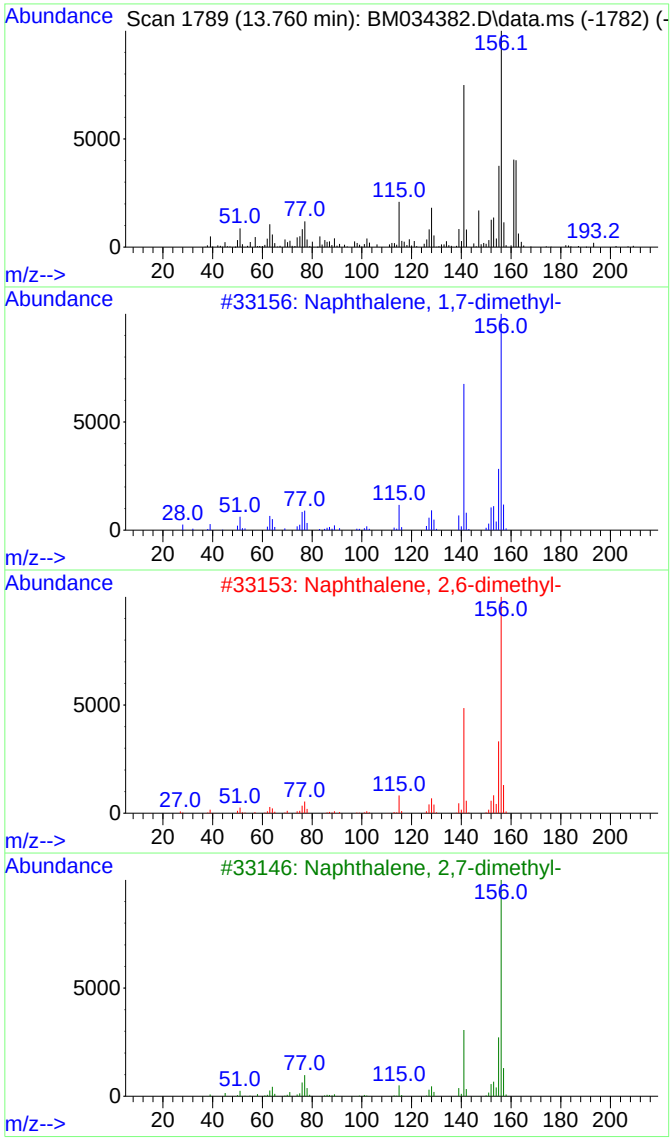
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

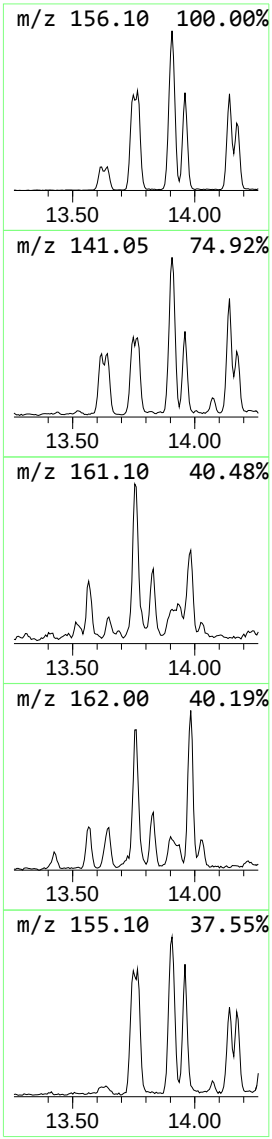
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	6.65 ng	833726	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

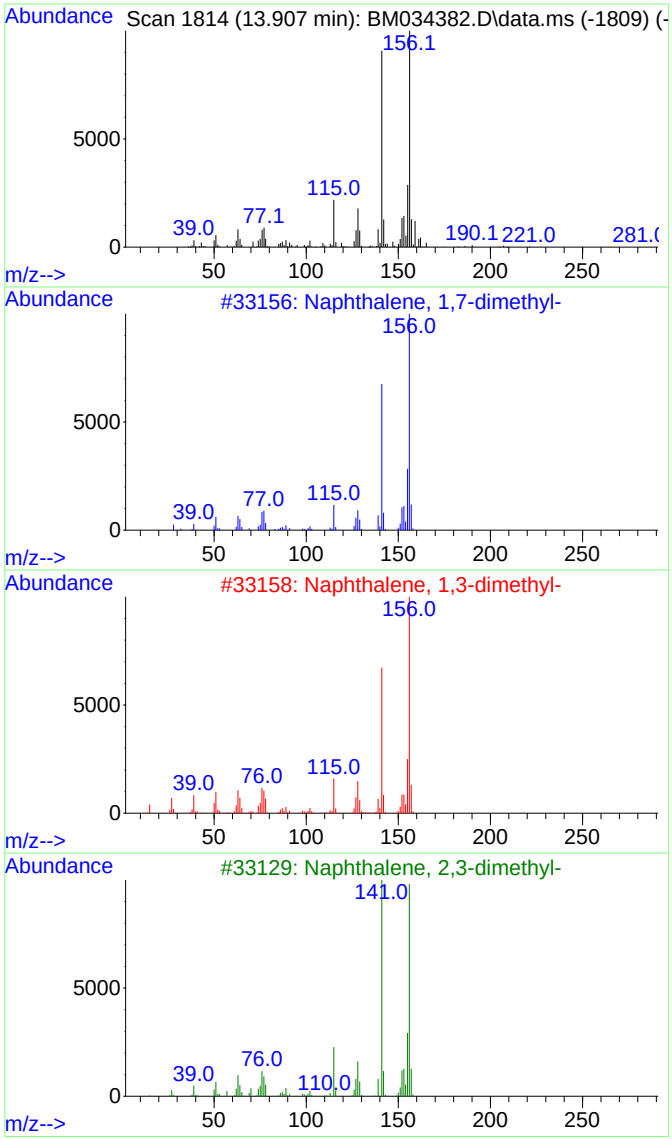
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

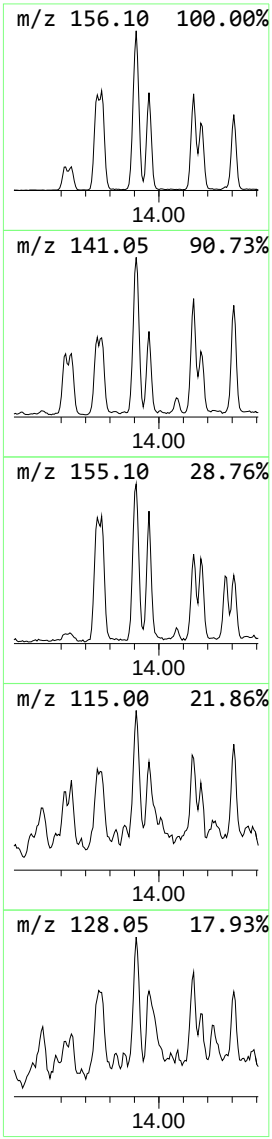
****

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.907	5.87 ng	735674	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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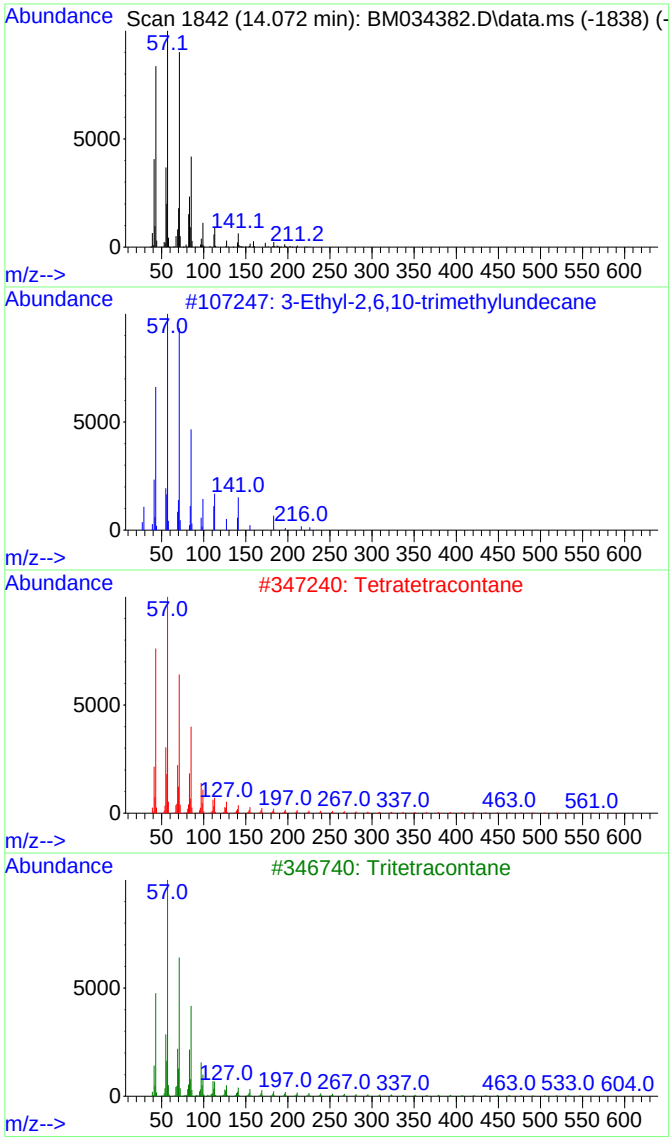
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

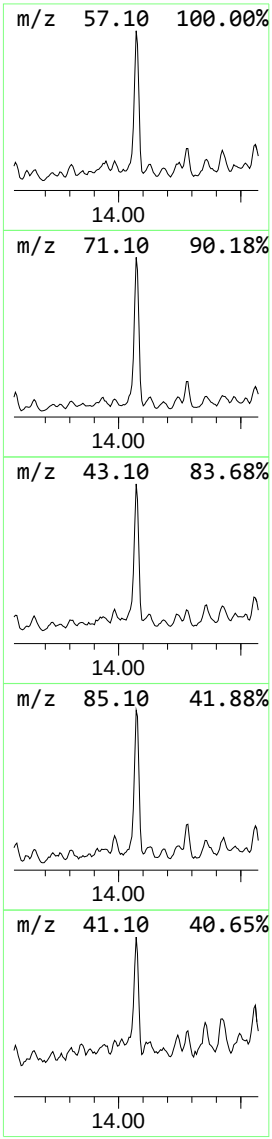
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Ethyl-2,6,10-trimethylund... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.072	9.12 ng	1142180	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	95
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	81
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

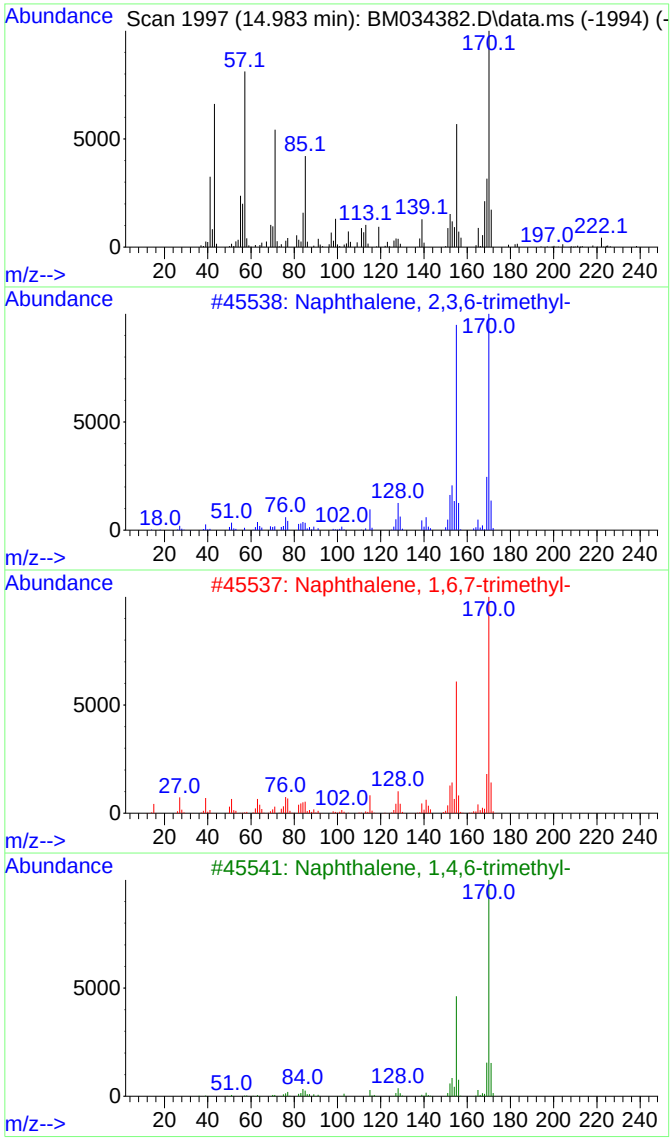
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

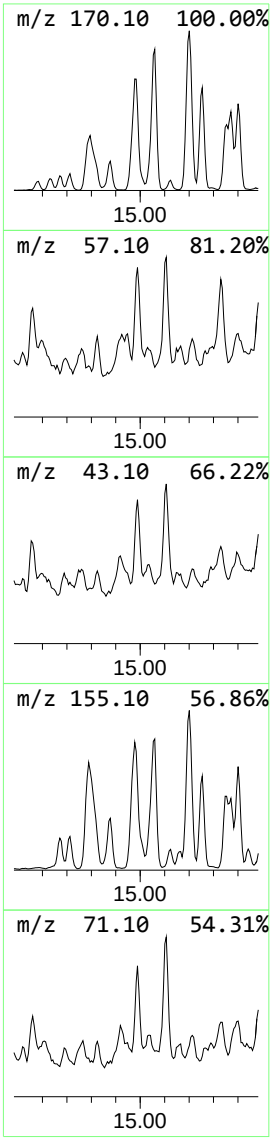
****

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.983	6.22 ng	779172	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
4	Undecane	156	C11H24	001120-21-4	35
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	30





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

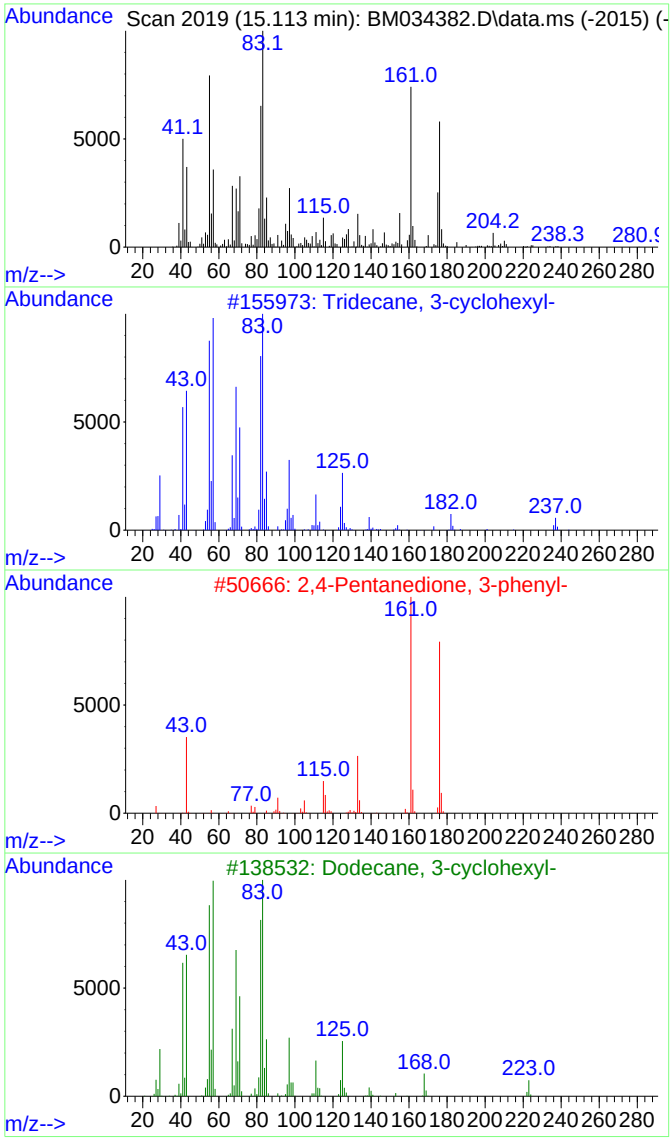
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

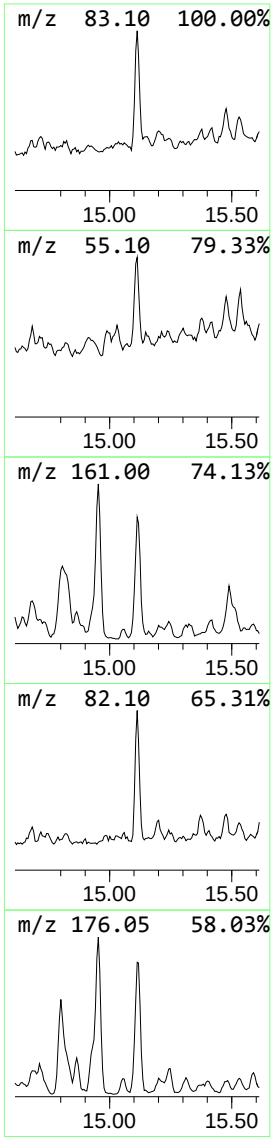
****

Peak Number 11 unknown15.113 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.113	6.84 ng	857366	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	43
2	2,4-Pentanedione, 3-phenyl-	176	C11H12O2	005910-25-8	42
3	Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	38
4	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	30
5	3-Buten-2-one, 4-(4-methoxyphenyl)-	176	C11H12O2	000943-88-4	30





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Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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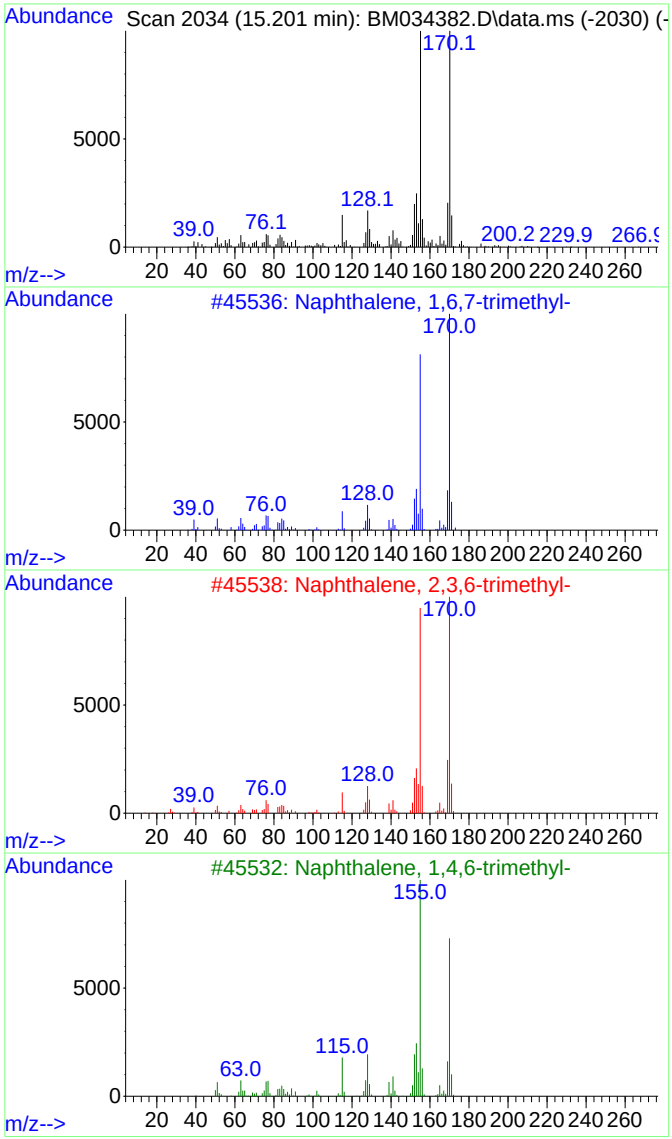
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

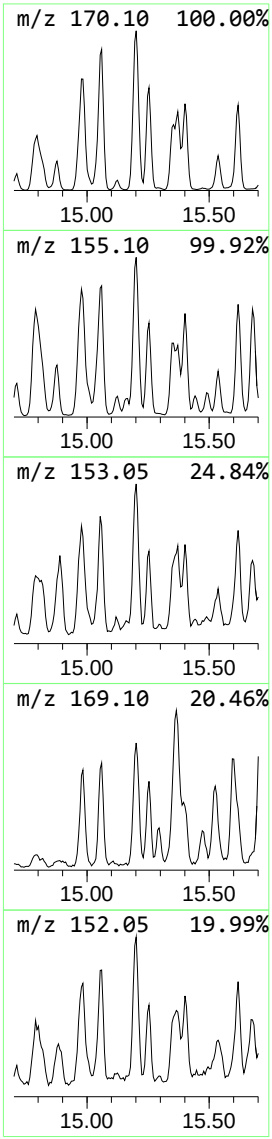
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	7.78 ng	974868	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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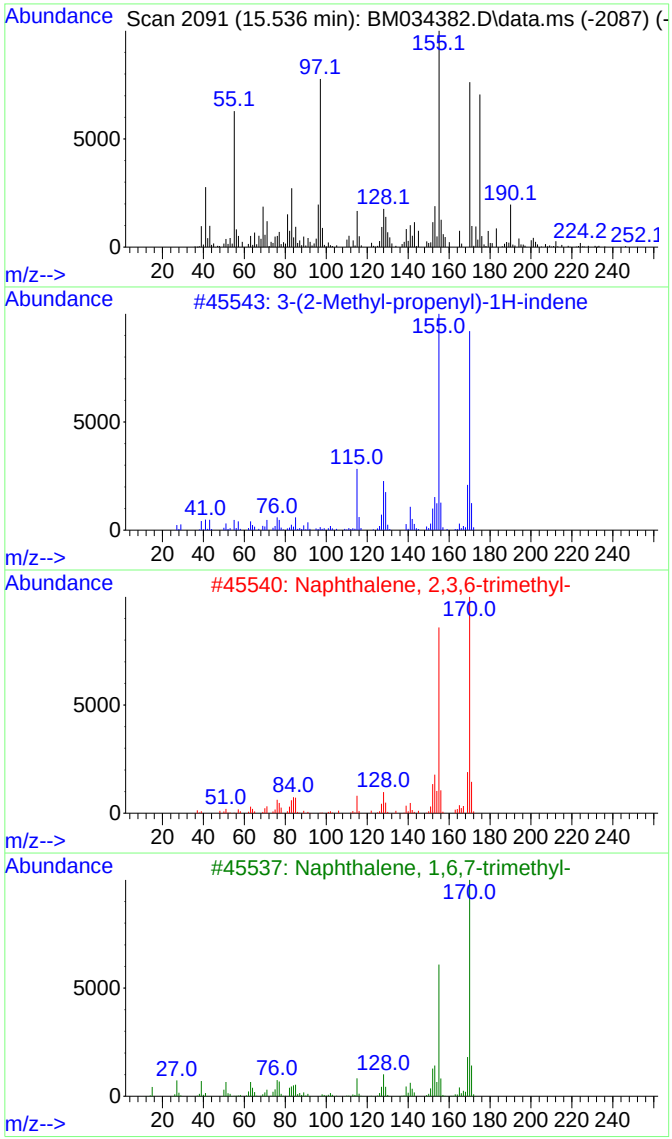
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

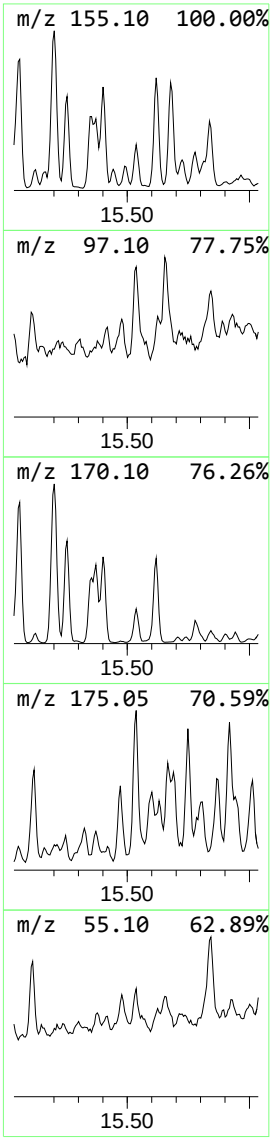
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.536	5.69 ng	712807	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	50





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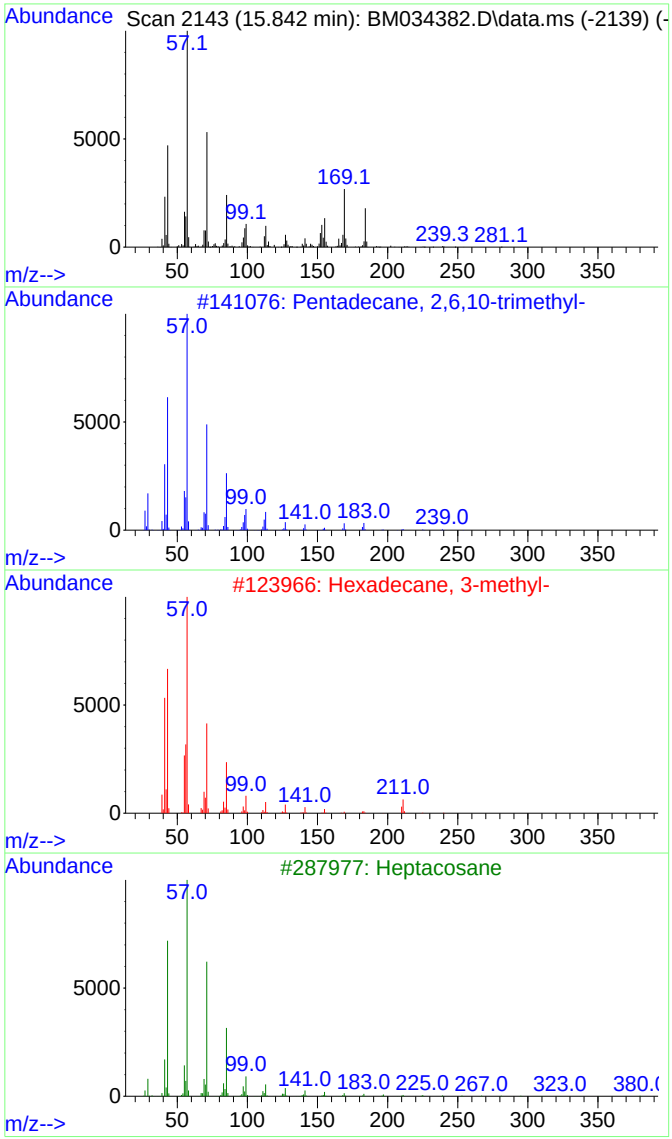
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

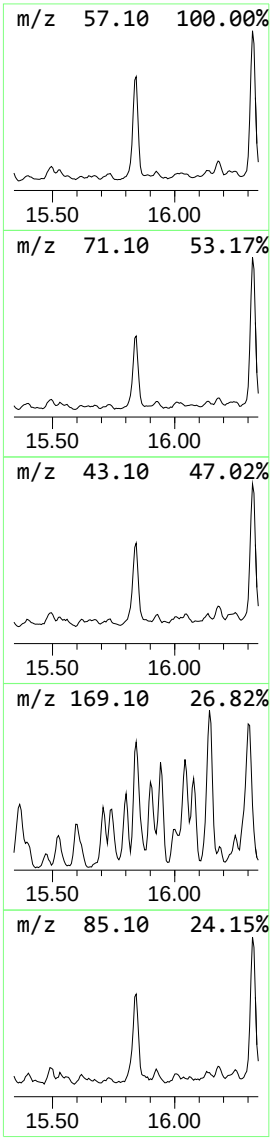
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	14.20 ng	1779010	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
3	Heptacosane	380	C27H56	000593-49-7	52
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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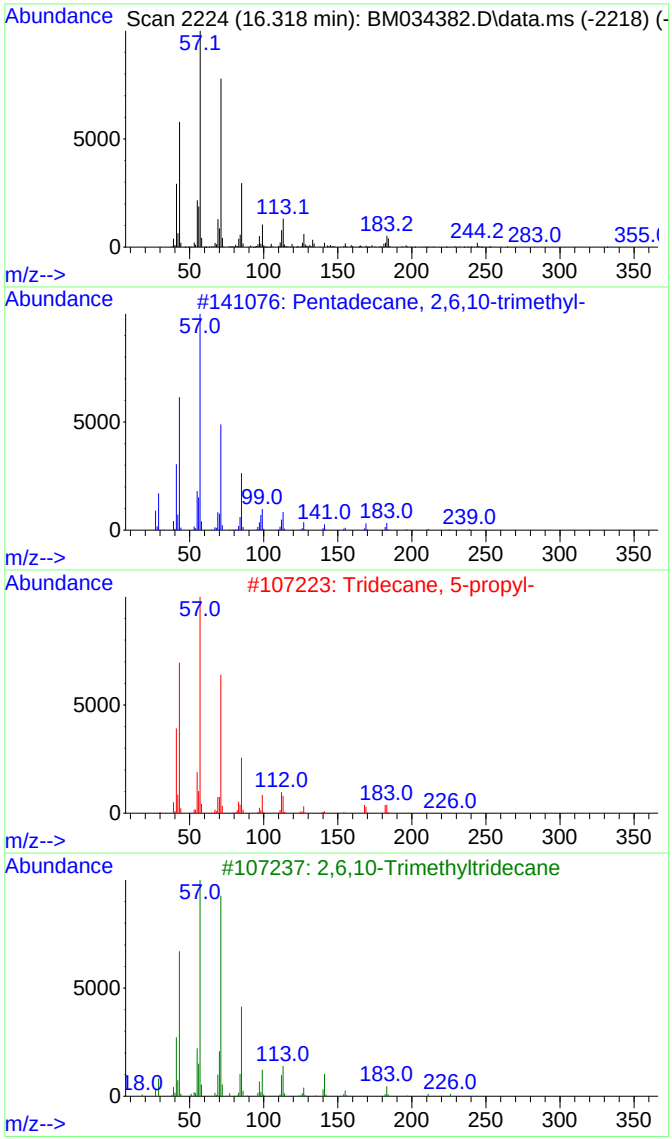
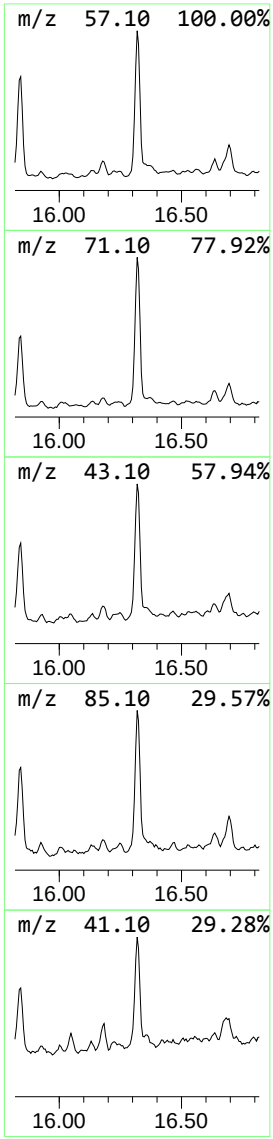
Peak Number 15 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.318	26.99 ng	2647760	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	92
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78





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ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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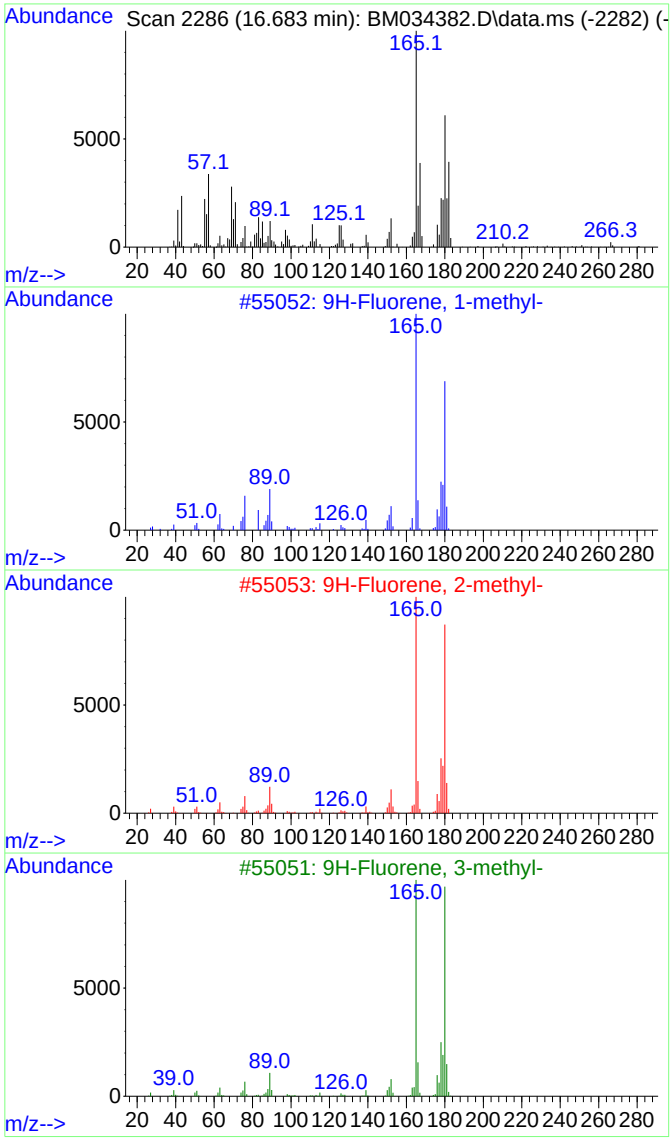
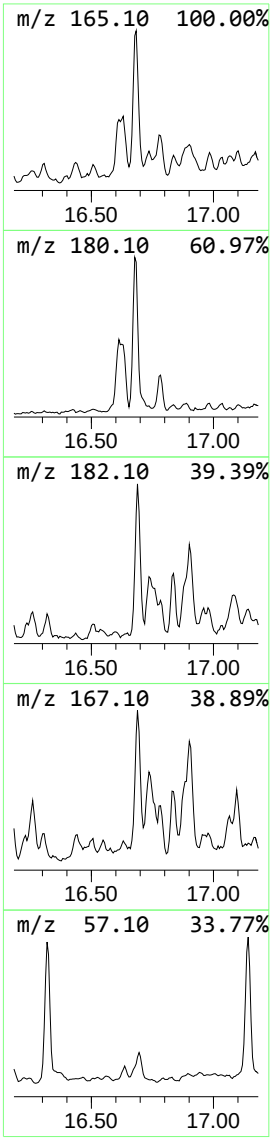
Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.683	11.45 ng	1123550	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

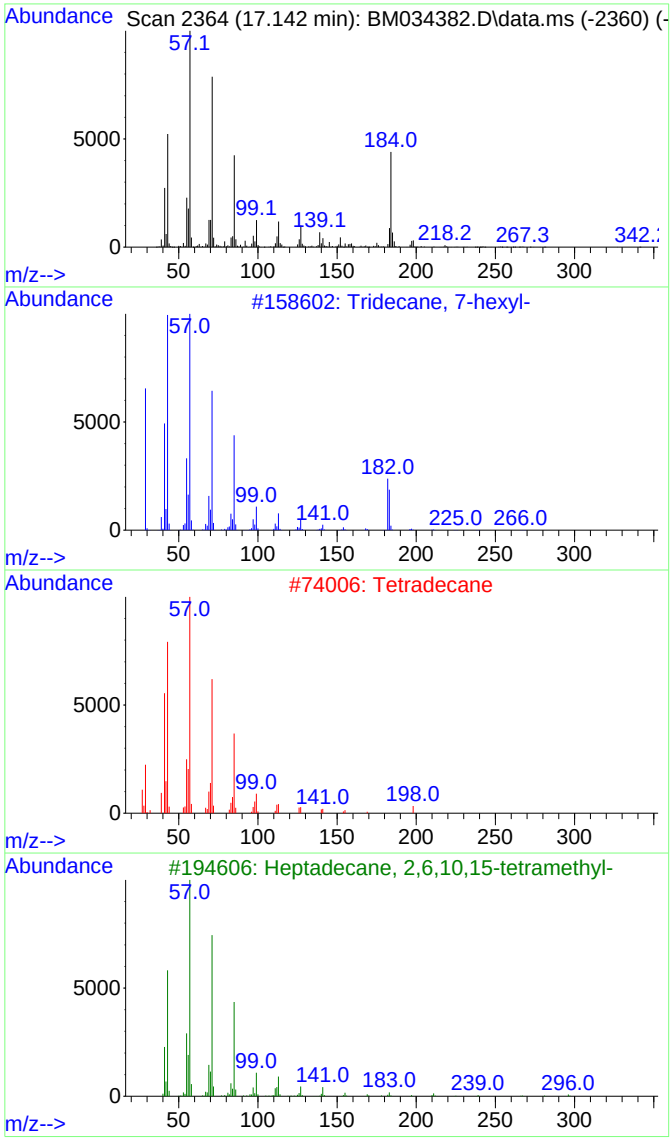
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

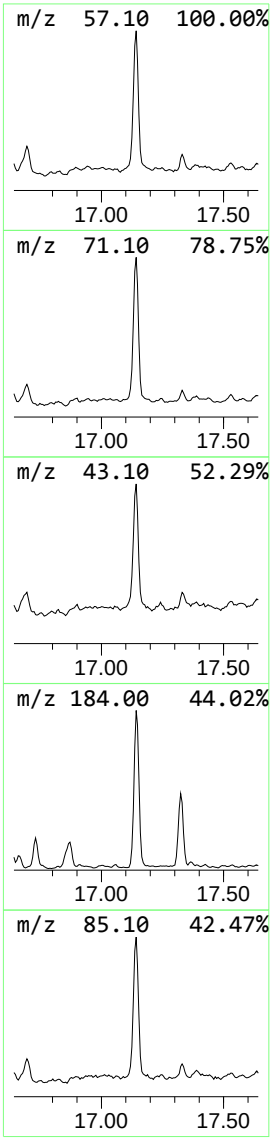
****

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	35.81 ng	3512790	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2	Tetradecane	198	C14H30	000629-59-4	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
4	Hexadecane	226	C16H34	000544-76-3	68
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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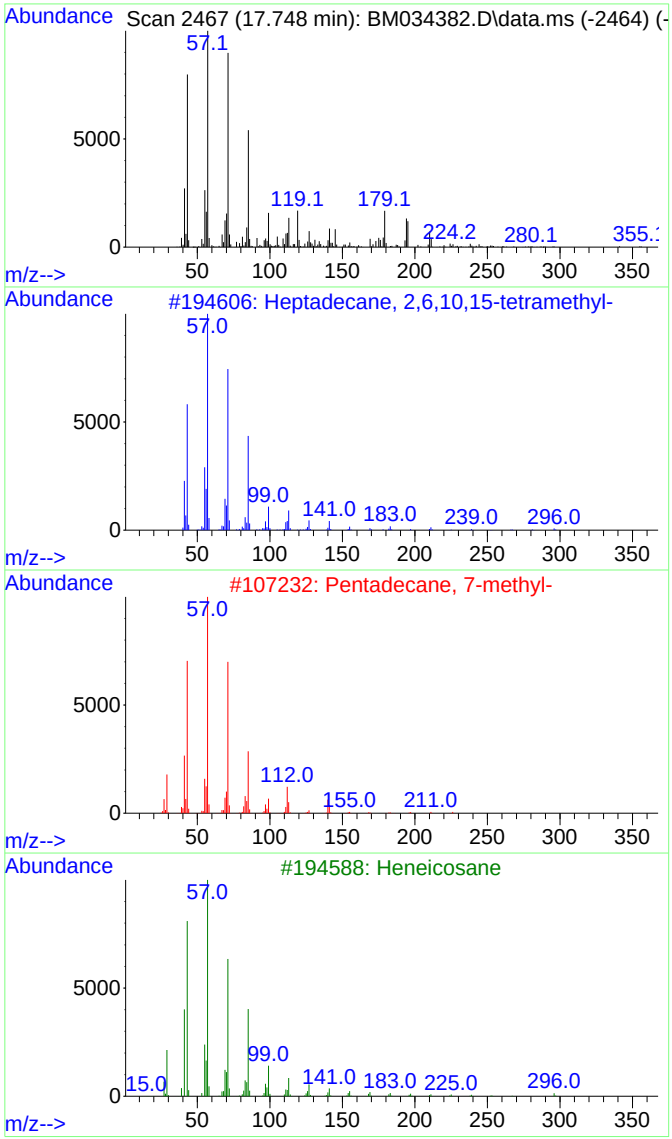
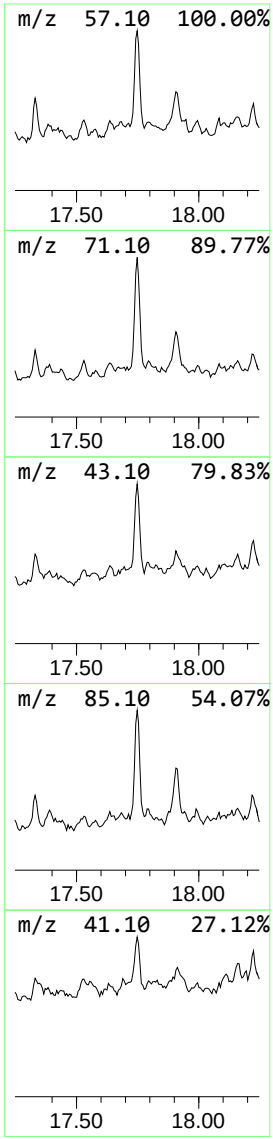
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.748	8.71 ng	854404	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	89
3	Heneicosane	296	C21H44	000629-94-7	89
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	70





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Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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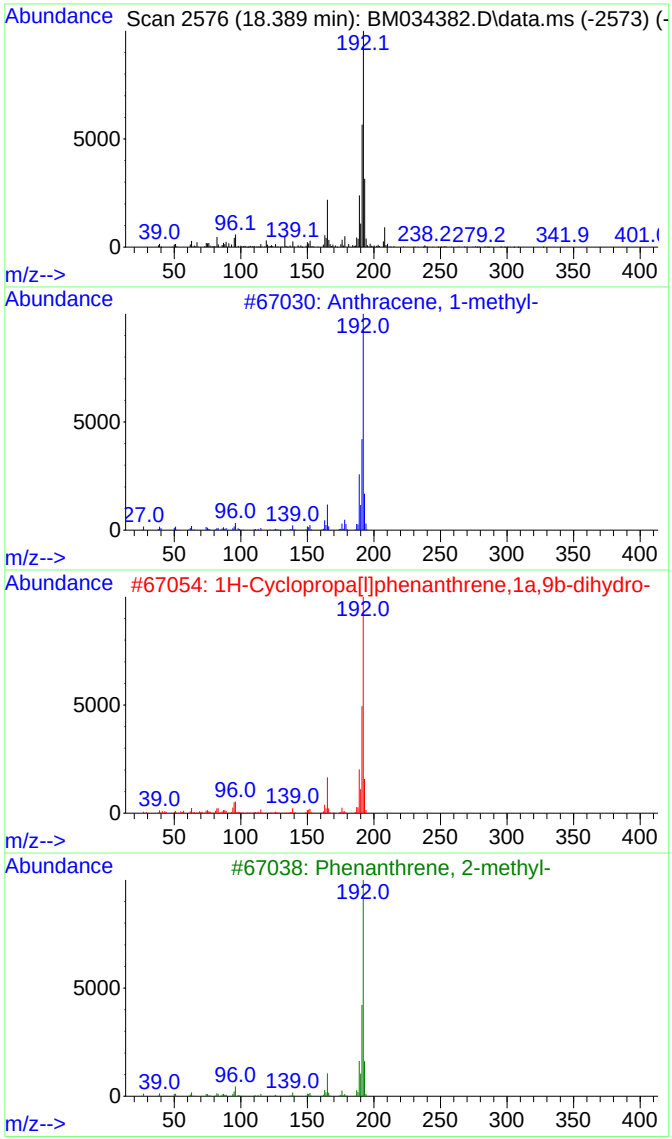
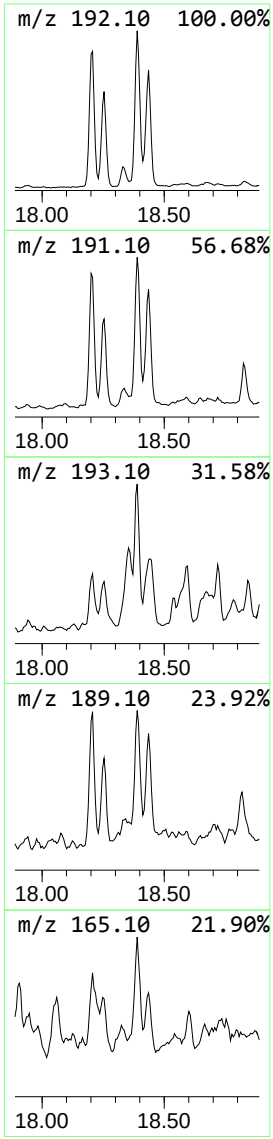
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	9.82 ng	962972	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89





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Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

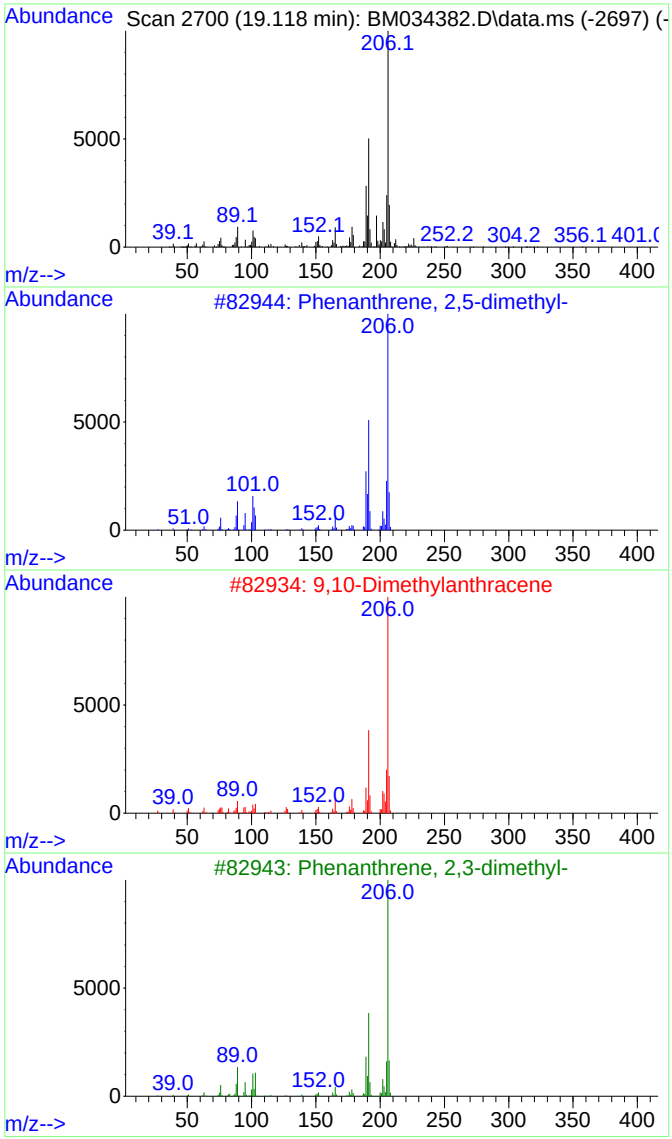
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

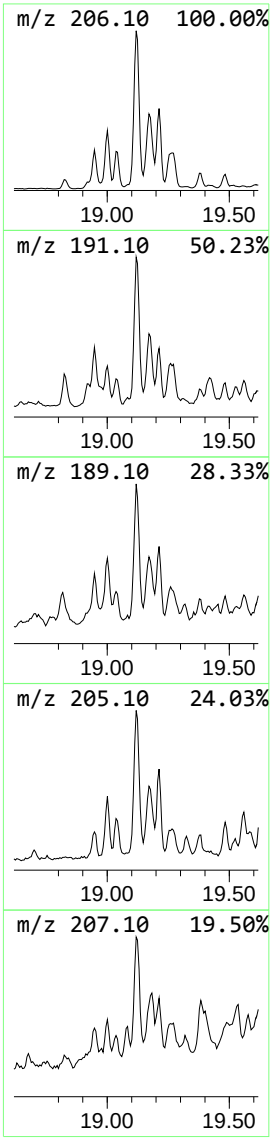
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.118	12.77 ng	1252380	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Undecane, 2,6-d...	10.925	6.3	ng	478971	2	10.754	1525500	20.0
unknown11.460	11.460	6.2	ng	471399	2	10.754	1525500	20.0
Nonane, 2,6-dim...	11.789	8.9	ng	681140	2	10.754	1525500	20.0
Cyclopentane, 1...	12.048	6.8	ng	515969	2	10.754	1525500	20.0
unknown12.401	12.401	9.9	ng	752539	2	10.754	1525500	20.0
Dodecane, 2,7,1...	13.130	8.7	ng	1094090	3	14.583	2505700	20.0
Naphthalene, 1,...	13.760	6.7	ng	833726	3	14.583	2505700	20.0
Naphthalene, 1,...	13.907	5.9	ng	735674	3	14.583	2505700	20.0
3-Ethyl-2,6,10-...	14.072	9.1	ng	1142180	3	14.583	2505700	20.0
Naphthalene, 2,...	14.983	6.2	ng	779172	3	14.583	2505700	20.0
unknown15.113	15.113	6.8	ng	857366	3	14.583	2505700	20.0
Naphthalene, 1,...	15.201	7.8	ng	974868	3	14.583	2505700	20.0
3-(2-Methyl-pro...	15.536	5.7	ng	712807	3	14.583	2505700	20.0
Pentadecane, 2,...	15.842	14.2	ng	1779010	3	14.583	2505700	20.0
Tridecane, 5-pr...	16.318	27.0	ng	2647760	4	17.324	1962120	20.0
9H-Fluorene, 1-...	16.683	11.4	ng	1123550	4	17.324	1962120	20.0
Tridecane, 7-he...	17.142	35.8	ng	3512790	4	17.324	1962120	20.0
Heptadecane, 2,...	17.748	8.7	ng	854404	4	17.324	1962120	20.0
Anthracene, 1-m...	18.389	9.8	ng	962972	4	17.324	1962120	20.0
Phenanthrene, 2...	19.118	12.8	ng	1252380	4	17.324	1962120	20.0