LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

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_P\Methods\8270E-BP042921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	353	364	375	rBV	661658	934315	32.04%	2.405%
2	6.816	628	634	644	rVB	613933	944149	32.37%	2.431%
3	7.593	760	766	768	rVV2	60480	92766	3.18%	0.239%
4	7.622	768	771	777	rVB	120406	184200	6.32%	0.474%
5	8.722	954	958	963	rVV	107876	175314	6.01%	0.451%
6	8.793	963	970	980	rVB	400230	722091	24.76%	1.859%
7	8.958	995	998	1005	rVB6	47271	93197	3.20%	0.240%
8	9.252	1043	1048	1055	rVB3	65497	127582	4.37%	0.328%
9	9.328	1055	1061	1065	rBV4	50817	83789	2.87%	0.216%
10	9.499	1083	1090	1093	rBV3	43425	81259	2.79%	0.209%
11	9.587	1101	1105	1114	rVB7	48160	111220	3.81%	0.286%
12	9.810	1138	1143	1148	rBV2	80481	152825	5.24%	0.393%
13	10.116	1189	1195	1203	rBV	55993	117251	4.02%	0.302%
14	10.328	1225	1231	1234	rVV5	44844	113880	3.90%	0.293%
15	10.369	1234	1238	1239	rVV4	71184	102802	3.53%	0.265%
16	10.410	1239	1245	1250	rVV2	198752	457628	15.69%	1.178%
17	10.457	1250	1253	1260	rVV4	72027	176723	6.06%	0.455%
18	10.522	1260	1264	1269	rVV2	92059	171461	5.88%	0.441%
19	10.575	1269	1273	1278	rVV	153384	237990	8.16%	0.613%
20	10.628	1278	1282	1290	rVV2	61959	124468	4.27%	0.320%
21	10.875	1320	1324	1333	rVB4	108443	225030	7.72%	0.579%
22	11.075	1353	1358	1361	rBV3	72555	136986	4.70%	0.353%
23	11.110	1361	1364	1371	rVB4	101267	161053	5.52%	0.415%
24	11.328	1394	1401	1407	rVB5	90300	201817	6.92%	0.520%
25	11.440	1415	1420	1429	rBV	211953	381410	13.08%	0.982%
26	11.522	1431	1434	1439	rVB2	63338	104511	3.58%	0.269%
27	11.610	1440	1449	1456	rBV3	157710	357596	12.26%	0.921%
28	11.810	1479	1483	1486	rBV3	41585	81698	2.80%	0.210%
29	11.975	1507	1511	1516	rVB2	108479	185968	6.38%	0.479%
30	12.087	1516	1530	1535	rVB3	244037	645729	22.14%	1.662%
31	12.310	1561	1568	1571	rBV	216722	427186	14.65%	1.100%
32	12.346	1571	1574	1578	rVV2	260019	406932	13.95%	1.048%
33	12.387	1579	1581	1585	rVV3	78759	126182	4.33%	0.325%
34	12.551	1603	1609	1614	rVB6	90302	182545	6.26%	0.470%
35	12.604	1615	1618	1620	rBV2	66186	87083	2.99%	0.224%
36	12.704	1631	1635	1641	rVB7	75285	140371	4.81%	0.361%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

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_P\Methods\8270E-BP042921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.769	1641	1646	1647	rBV3	68579	105595	3.62%	0.272%
38	12.816	1649	1654	1659	rVB3	398530	573924	19.68%	1.478%
39	12.904	1664	1669	1678	rVB	1101051	1487403	51.00%	3.829%
40	13.051	1688	1694	1697	rBV3	86328	159921	5.48%	0.412%
41	13.193	1711	1718	1721	rBV2	267201	504716	17.31%	1.299%
42	13.275	1728	1732	1735	rBV2	111800	161755	5.55%	0.416%
43	13.316	1735	1739	1741	rBV	87867	106717	3.66%	0.275%
44	13.446	1756	1761	1764	rBV2	319703	572248	19.62%	1.473%
45	13.563	1777	1781	1783	rBV4	72598	112322	3.85%	0.289%
46	13.604	1783	1788	1793	rVV	414848	761426	26.11%	1.960%
47	13.663	1793	1798	1802	rVV2	353814	552359	18.94%	1.422%
48	13.698	1802	1804	1809	rVB3	138495	175028	6.00%	0.451%
49	13.775	1809	1817	1821	rBV2	617202	985001	33.78%	2.536%
50	13.846	1826	1829	1832	rBV2	150954	197545	6.77%	0.509%
51	14.016	1854	1858	1863	rVB2	132386	206211	7.07%	0.531%
52	14.110	1871	1874	1877	rBV2	87885	114761	3.94%	0.295%
53	14.293	1895	1905	1910	rBV5	368922	884269	30.32%	2.277%
54	14.381	1918	1920	1924	rVB3	122861	146014	5.01%	0.376%
55	14.422	1924	1927	1931	rBV4	64586	88419	3.03%	0.228%
56	14.510	1936	1942	1950	rVB2	259206	713015	24.45%	1.836%
57	14.587	1952	1955	1959	rBV4	64881	93947	3.22%	0.242%
58	14.698	1970	1974	1982	rVB2	406013	632666	21.69%	1.629%
59	14.775	1983	1987	1991	rVB	295522	369941	12.69%	0.952%
60	14.822	1991	1995	2005	rVB5	224578	488789	16.76%	1.258%
61	14.922	2006	2012	2015	rBV	282700	521312	17.88%	1.342%
62	14.969	2018	2020	2024	rVB	204577	236045	8.09%	0.608%
63	15.081	2034	2039	2043	rBV4	144543	316341	10.85%	0.814%
64	15.122	2043	2046	2051	rVB3	176063	272421	9.34%	0.701%
65	15.345	2078	2084	2088	rBV4	234180	441237	15.13%	1.136%
66	15.392	2088	2092	2096	rVV4	220503	438294	15.03%	1.128%
67	15.434	2096	2099	2102	rVV2	322584	483260	16.57%	1.244%
68	15.475	2103	2106	2109	rVV2	221933	316433	10.85%	0.815%
69	15.516	2109	2113	2117	rVV4	129352	237419	8.14%	0.611%
70	15.563	2117	2121	2128	rVB	667320	973770	33.39%	2.507%
71	15.728	2145	2149	2152	rBV5	60727	111987	3.84%	0.288%
72	15.798	2153	2161	2168	rVB2	1376597	2101309	72.05%	5.410%
73	15.869	2168	2173	2183	rVB5	161541	425502	14.59%	1.095%
74	15.951	2184	2187	2190	rBV4	86752	132141	4.53%	0.340%
75	16.045	2197	2203	2215	rVB	1255268	2044986	70.12%	5.265%
76	16.169	2221	2224	2228	rVB2	91985	110271	3.78%	0.284%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

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_P\Methods\8270E-BP042921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.416	2262	2266	2271	rBV4	242173	363402	12.46%	0.936%
78	16.563	2287	2291	2294	rBV3	102251	173892	5.96%	0.448%
79	16.634	2296	2303	2306	rVB5	144666	323199	11.08%	0.832%
80	16.875	2339	2344	2354	rVB	701285	1257569	43.12%	3.238%
81	17.057	2371	2375	2379	rBV	415127	578494	19.84%	1.489%
82	17.104	2379	2383	2387	rVB	166708	244283	8.38%	0.629%
83	17.481	2442	2447	2457	rVB5	179542	352980	12.10%	0.909%
84	17.934	2520	2524	2527	rBV	205656	301243	10.33%	0.776%
85	17.981	2527	2532	2537	rVB2	288461	547035	18.76%	1.408%
86	18.116	2551	2555	2559	rVB	143721	175589	6.02%	0.452%
87	18.663	2645	2648	2651	rBV	82345	86734	2.97%	0.223%
88	18.710	2654	2656	2660	rVB	108705	118854	4.08%	0.306%
89	18.828	2672	2676	2680	rVB	191326	248644	8.53%	0.640%
90	18.963	2696	2699	2705	rVB2	57877	97558	3.35%	0.251%
91	19.016	2706	2708	2716	rVV6	63369	99683	3.42%	0.257%
92	19.104	2721	2723	2727	rVB4	106642	122290	4.19%	0.315%
93	19.516	2789	2793	2801	rBV2	96408	152431	5.23%	0.392%
94	19.639	2809	2814	2819	rBV	2676965	2916345	100.00%	7.508%
95	19.916	2858	2861	2870	rVB9	54803	105425	3.61%	0.271%
96	20.845	3014	3019	3022	rBV	80447	126073	4.32%	0.325%
97	20.892	3022	3027	3032	rVV2	139432	280433	9.62%	0.722%
98	20.945	3032	3036	3044	rVV	346807	453622	15.55%	1.168%
99	21.163	3068	3073	3078	rBV	546771	662938	22.73%	1.707%
100	23.416	3450	3456	3462	rBV	348190	640663	21.97%	1.649%

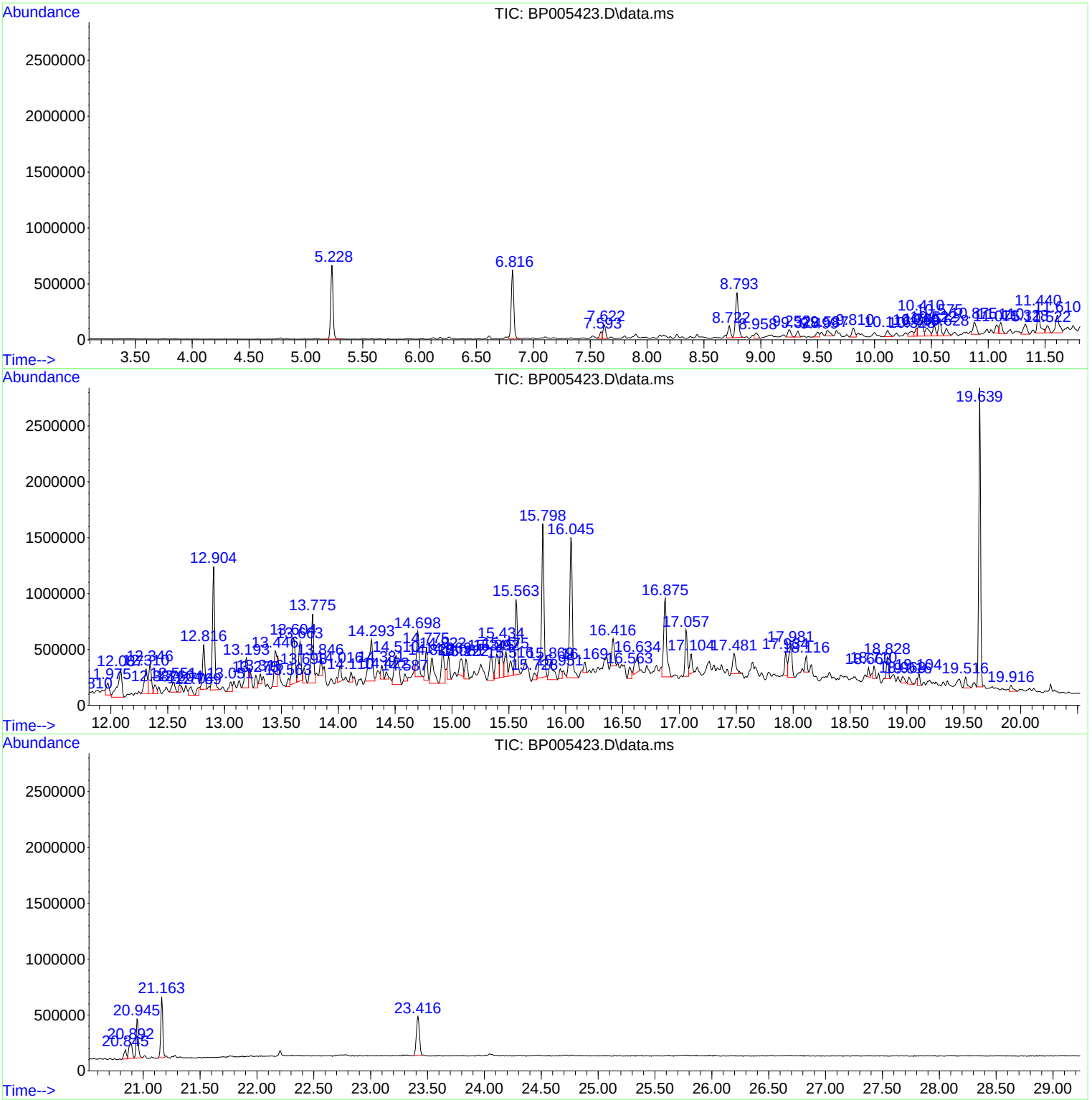
Sum of corrected areas: 38843106

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.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_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

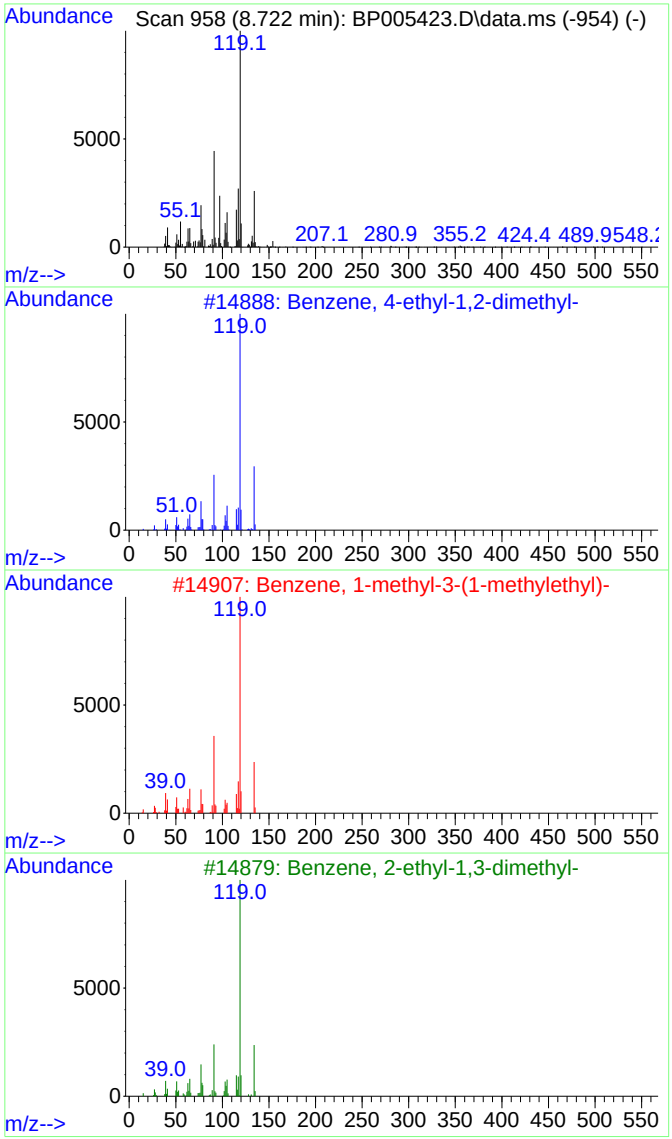
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

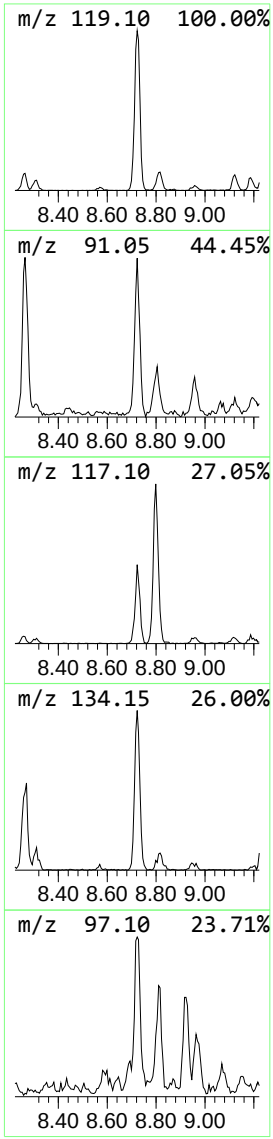
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	19.04 ng	175314	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	o-Cymene	134	C10H14	000527-84-4	76
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

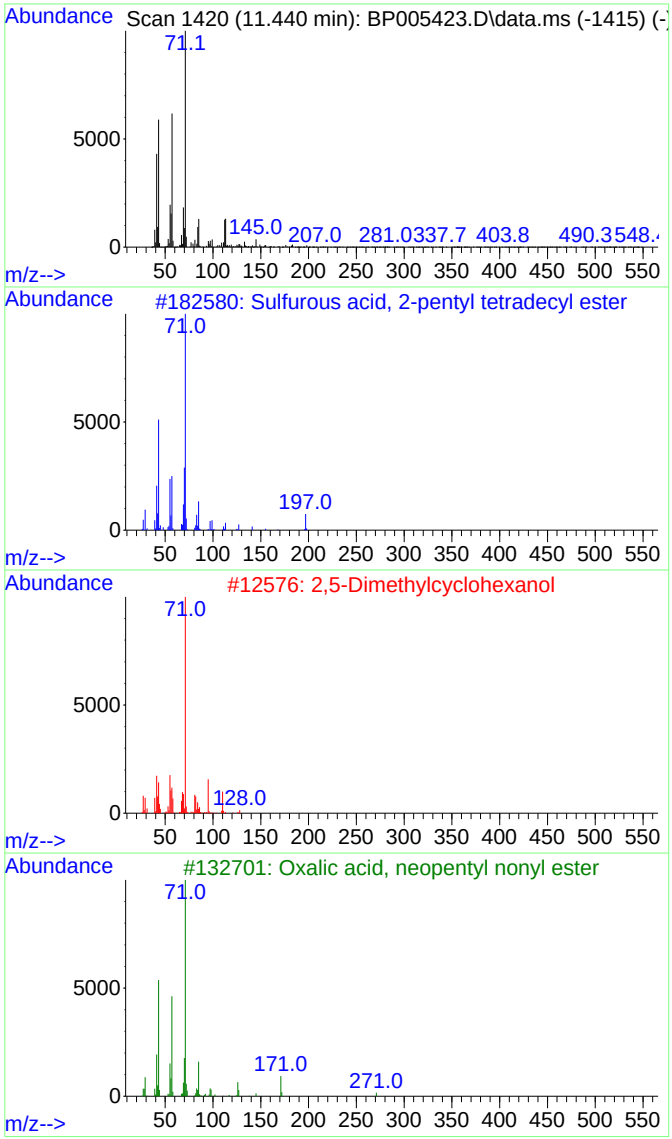
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

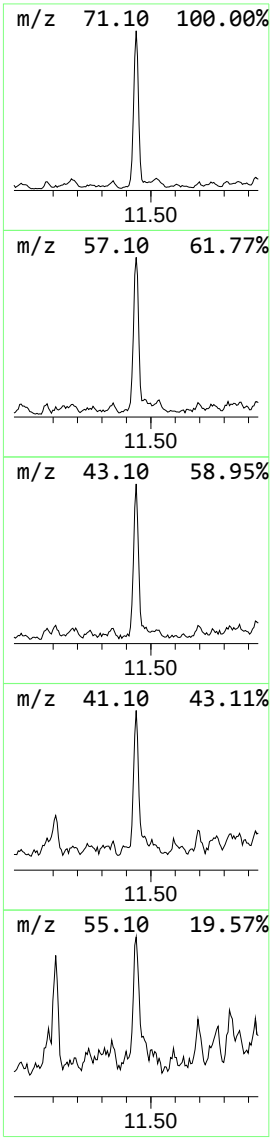
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, 2-pentyl te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.440	16.67 ng	381410	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-pentyl tetrade...	348	C19H40O3S	1000309-16-3	59
2	2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	53
3	Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	53
4	Butyric acid, 2,2-dimethyl-, vin...	142	C8H14O2	013170-00-8	50
5	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

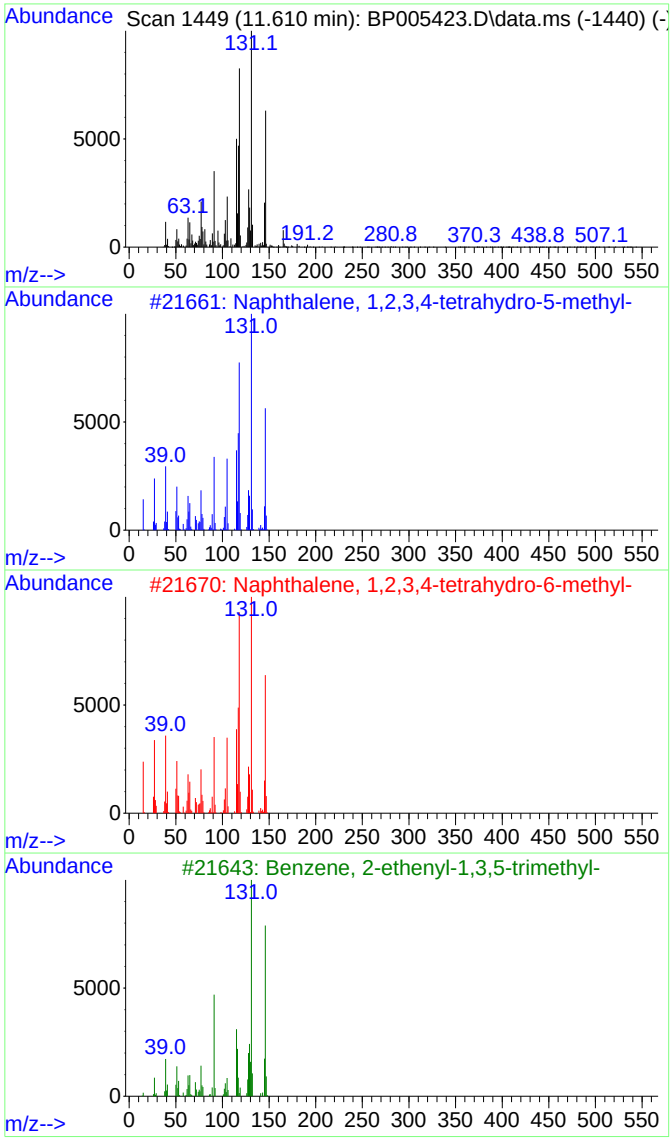
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

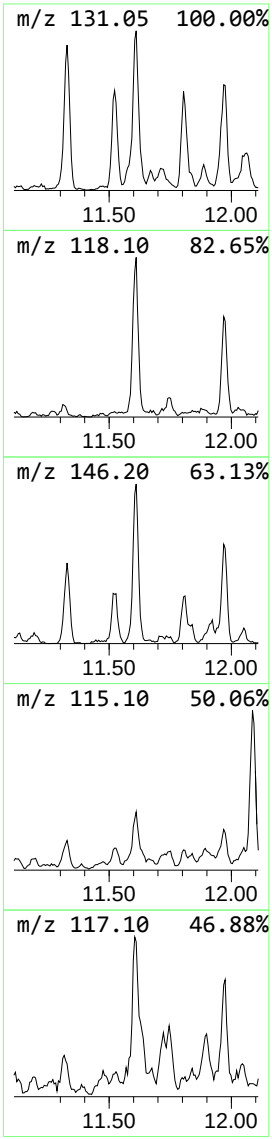
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	15.63 ng	357596	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

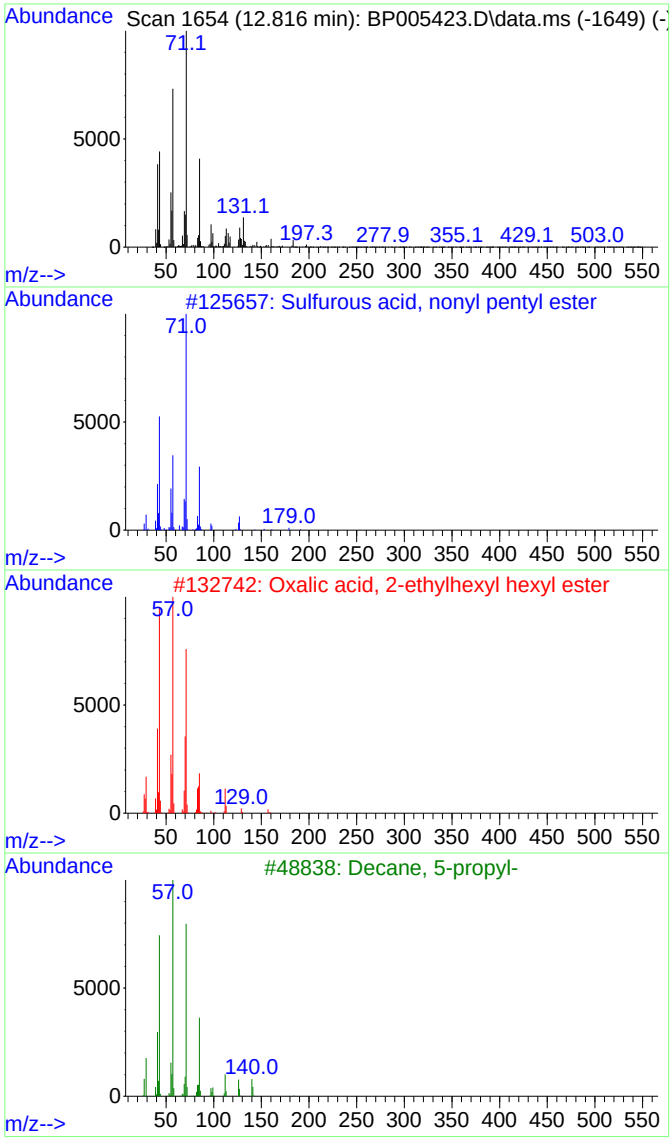
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

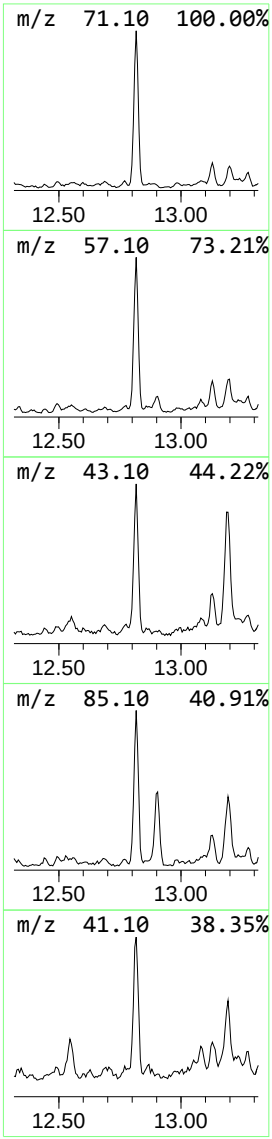
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, nonyl penty... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	12.98 ng	573924	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	64
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50
3	Decane, 5-propyl-	184	C13H28	017312-62-8	50
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47
5	Heptadecane	240	C17H36	000629-78-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

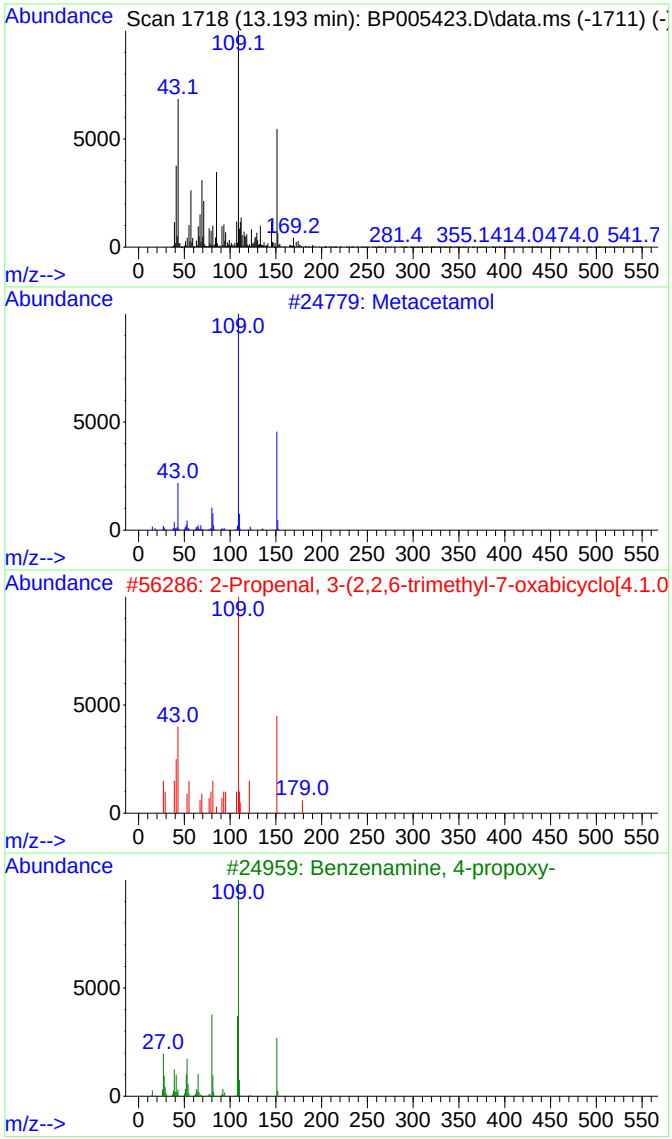
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

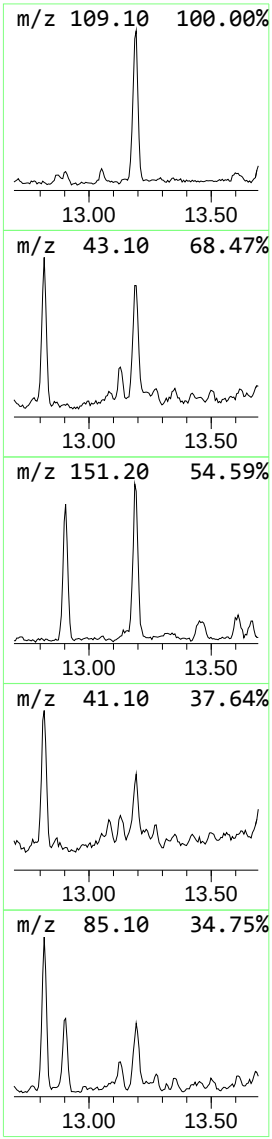
****

Peak Number 5 unknown13.193 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.193	11.42 ng	504716	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	46
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	43
3	Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	43
4	Acetaminophen	151	C8H9NO2	000103-90-2	43
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

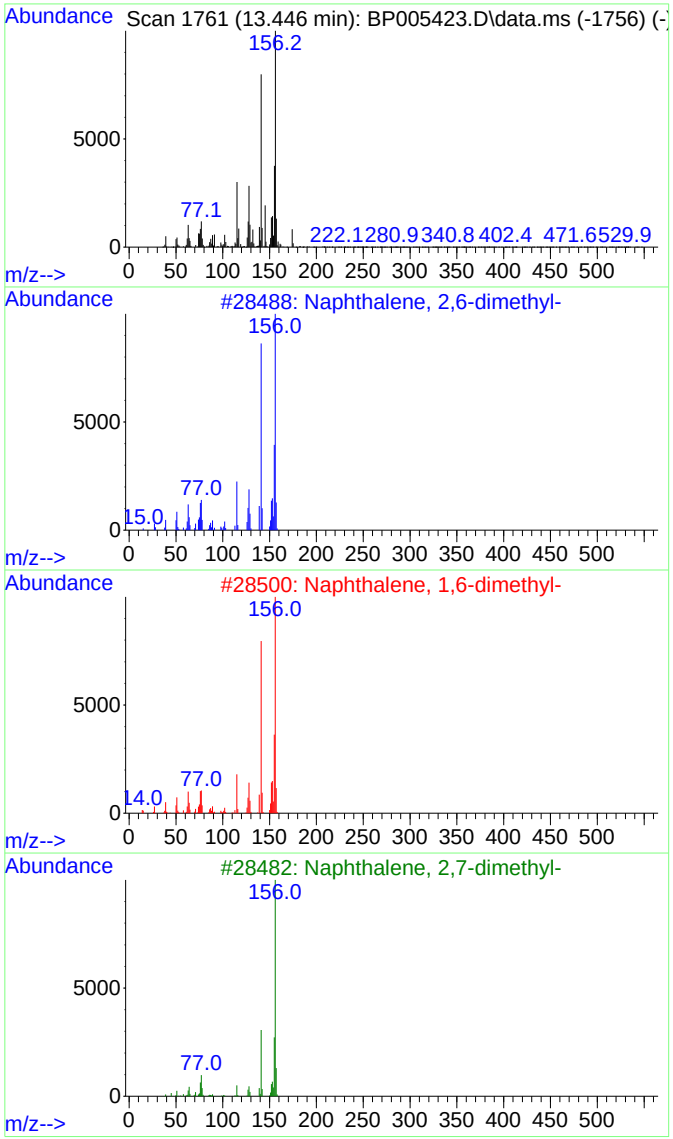
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

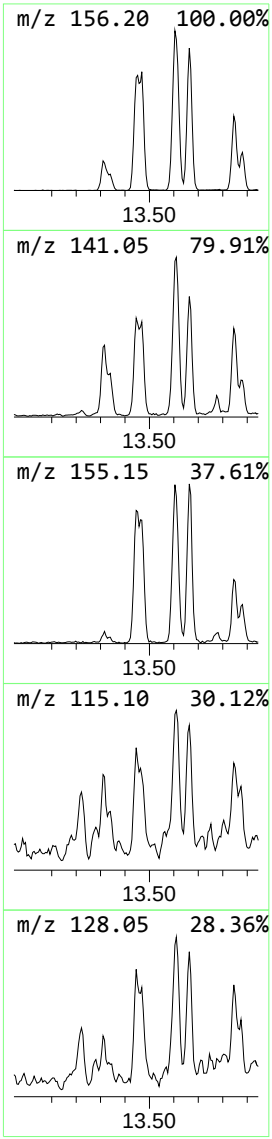
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	12.94 ng	572248	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

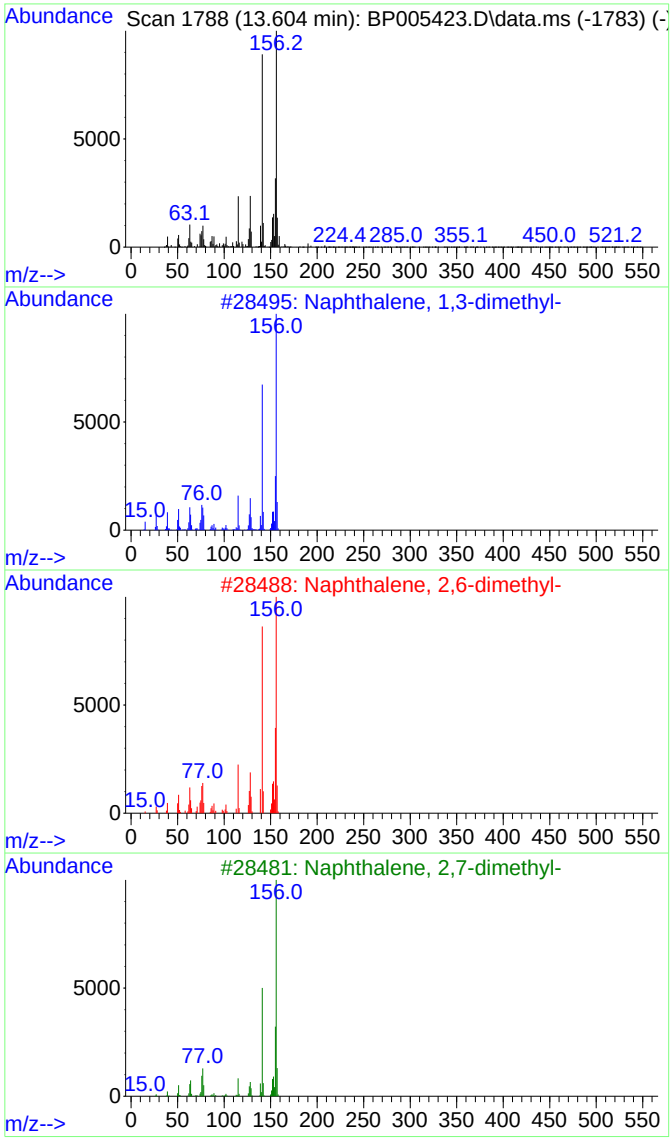
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

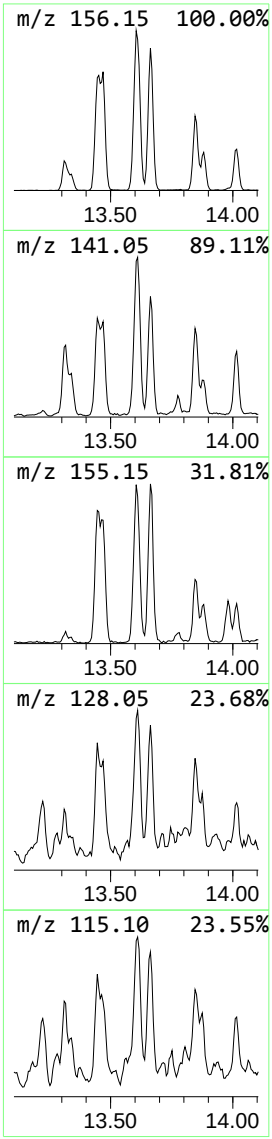
****

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	17.22 ng	761426	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

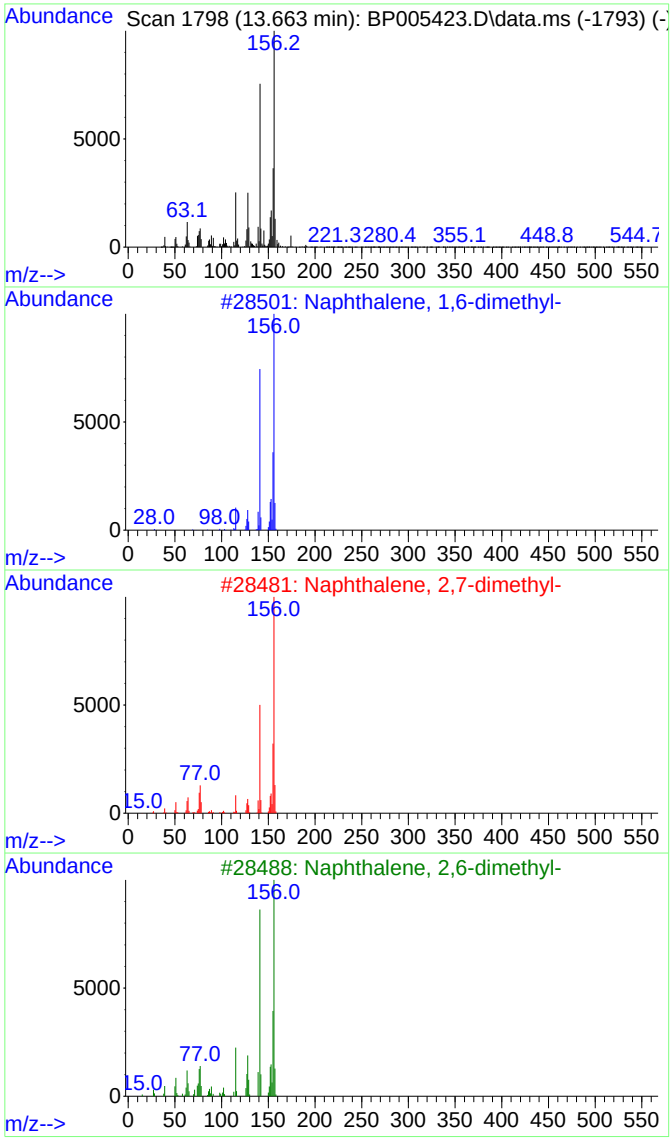
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

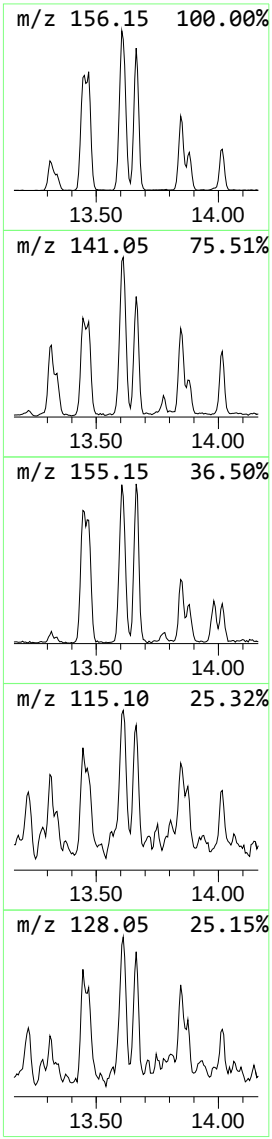
****

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	12.49 ng	552359	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

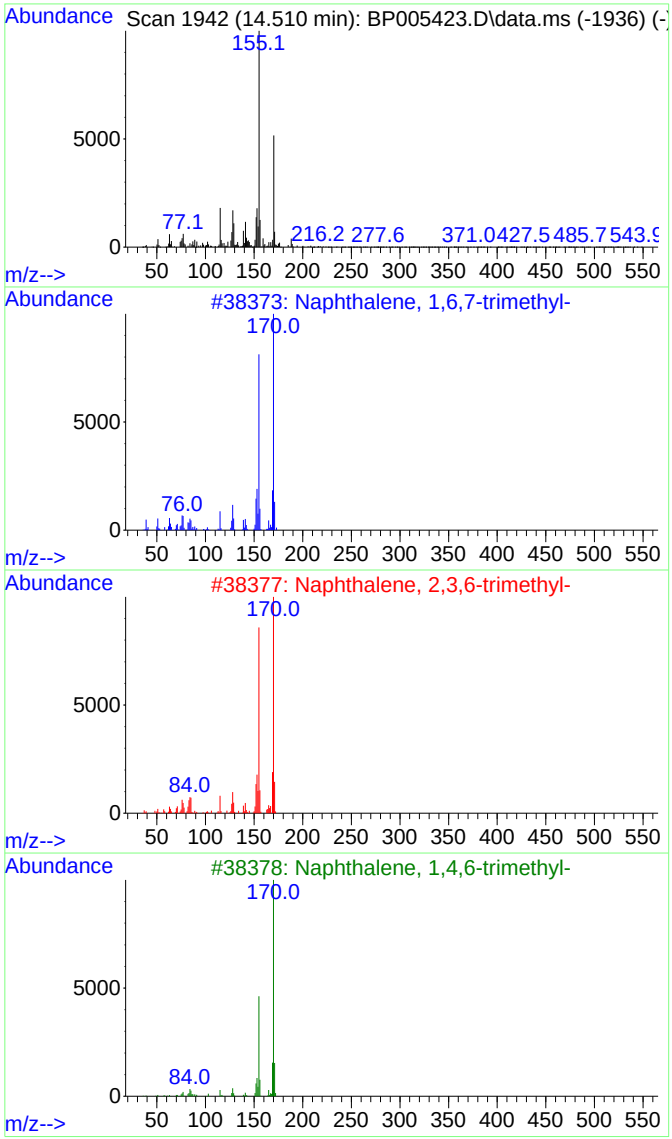
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

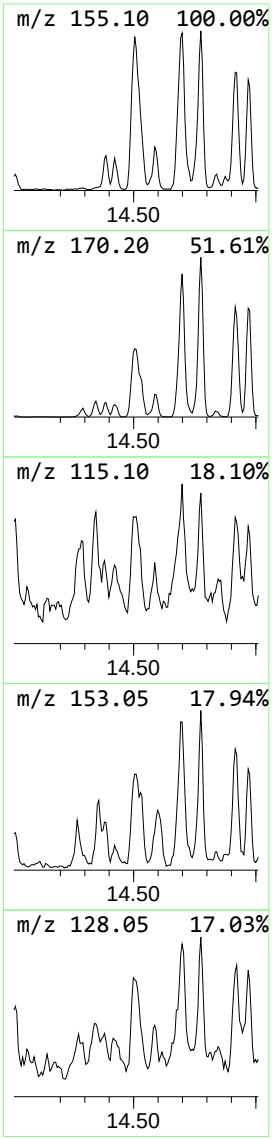
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	16.13 ng	713015	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

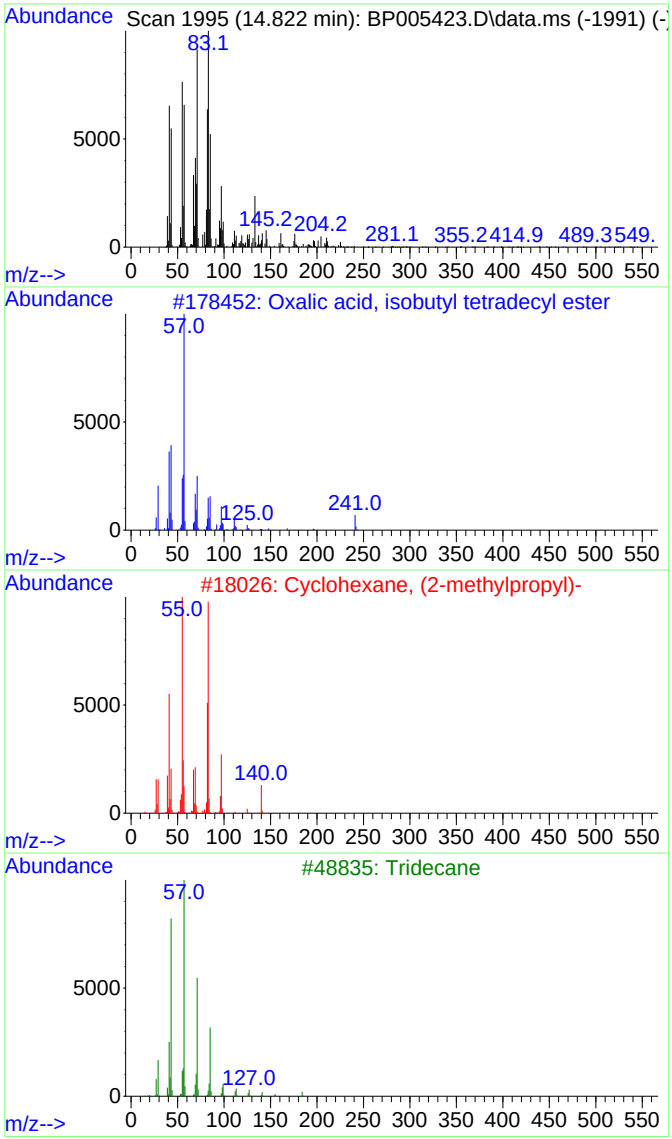
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

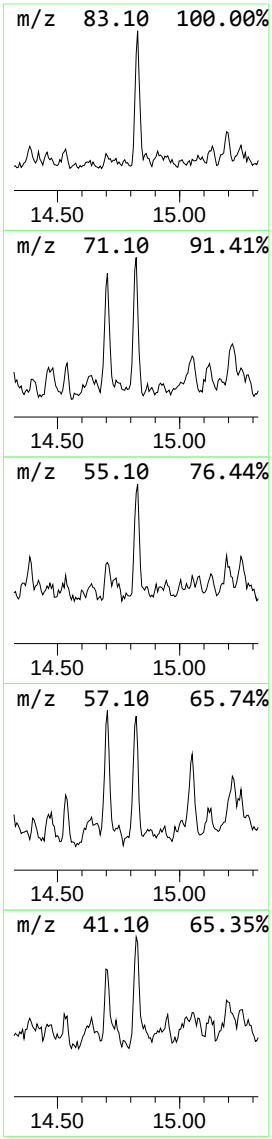
****

Peak Number 10 unknown14.822 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	11.06 ng	488789	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	35
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
3	Tridecane	184	C13H28	000629-50-5	35
4	2,3-Dimethyldecane	170	C12H26	017312-44-6	27
5	Tetradecanal	212	C14H28O	000124-25-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

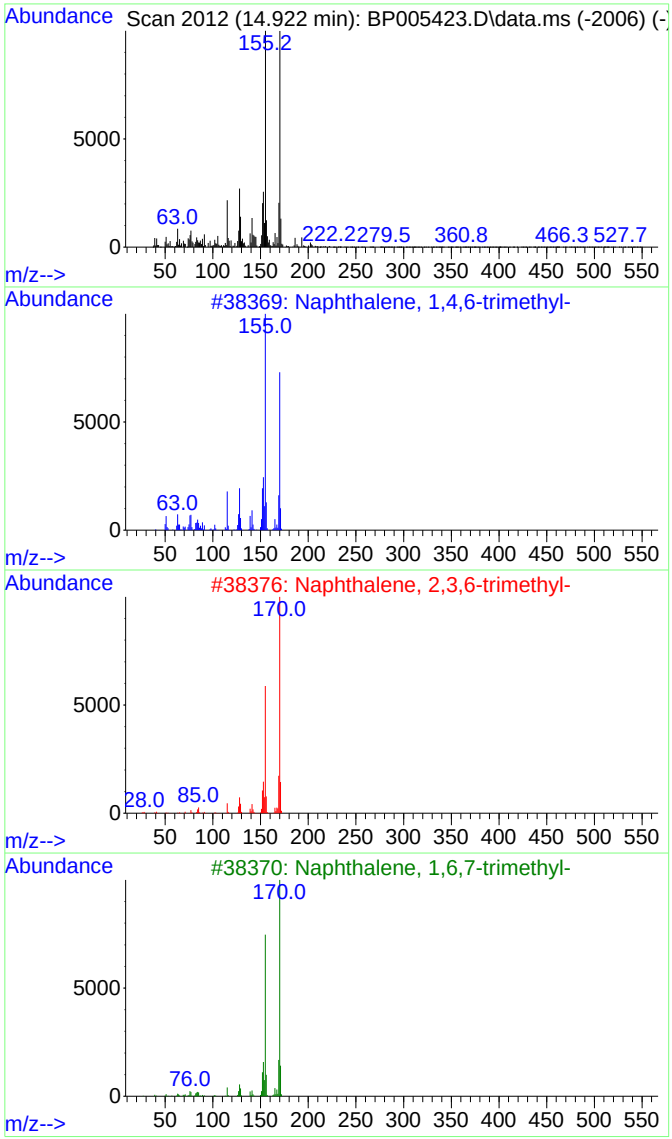
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

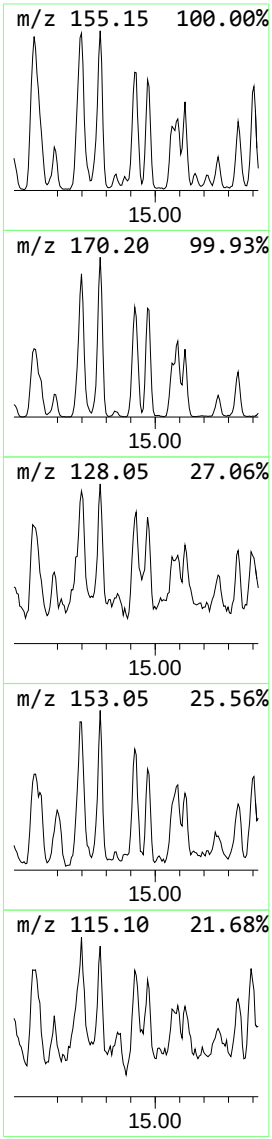
****

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	11.79 ng	521312	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

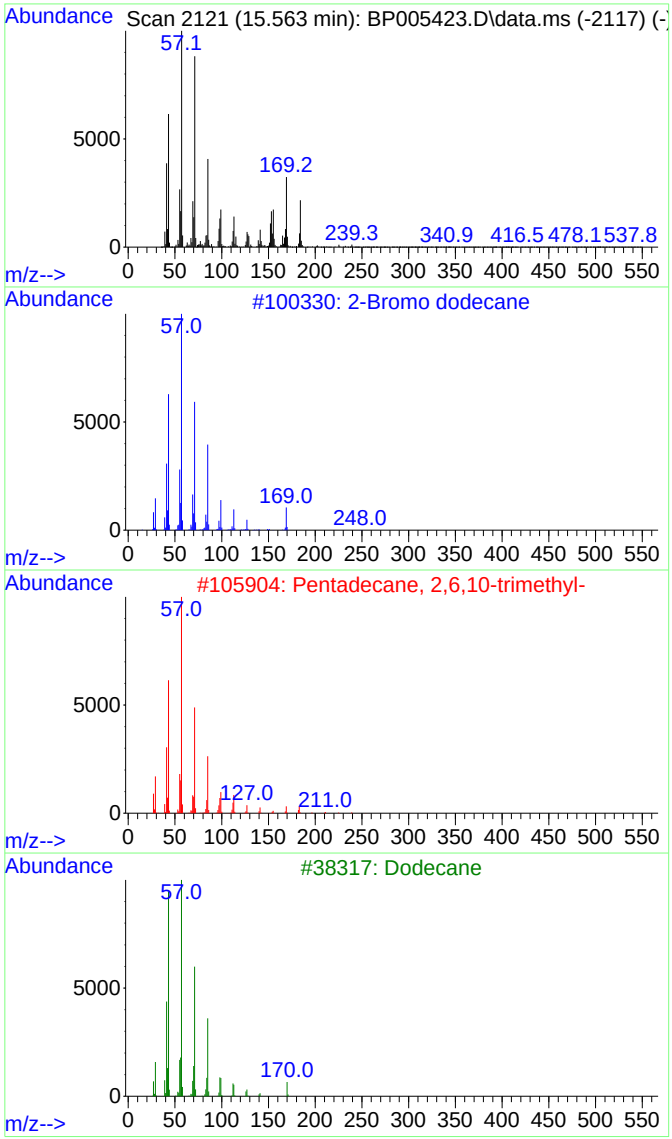
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

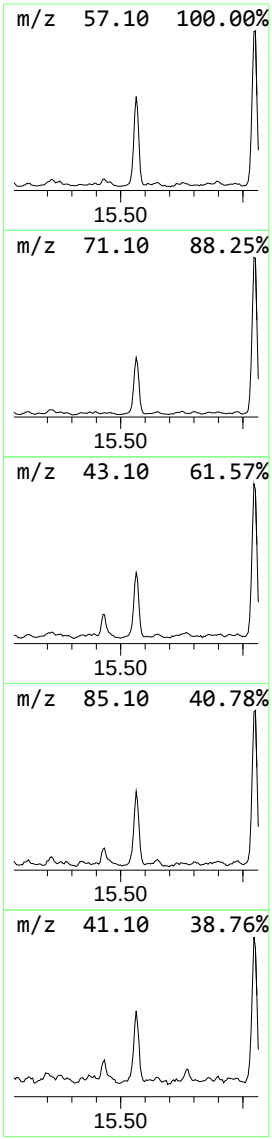
****

Peak Number 12 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.563	22.02 ng	973770	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Dodecane	170	C12H26	000112-40-3	60
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	60
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

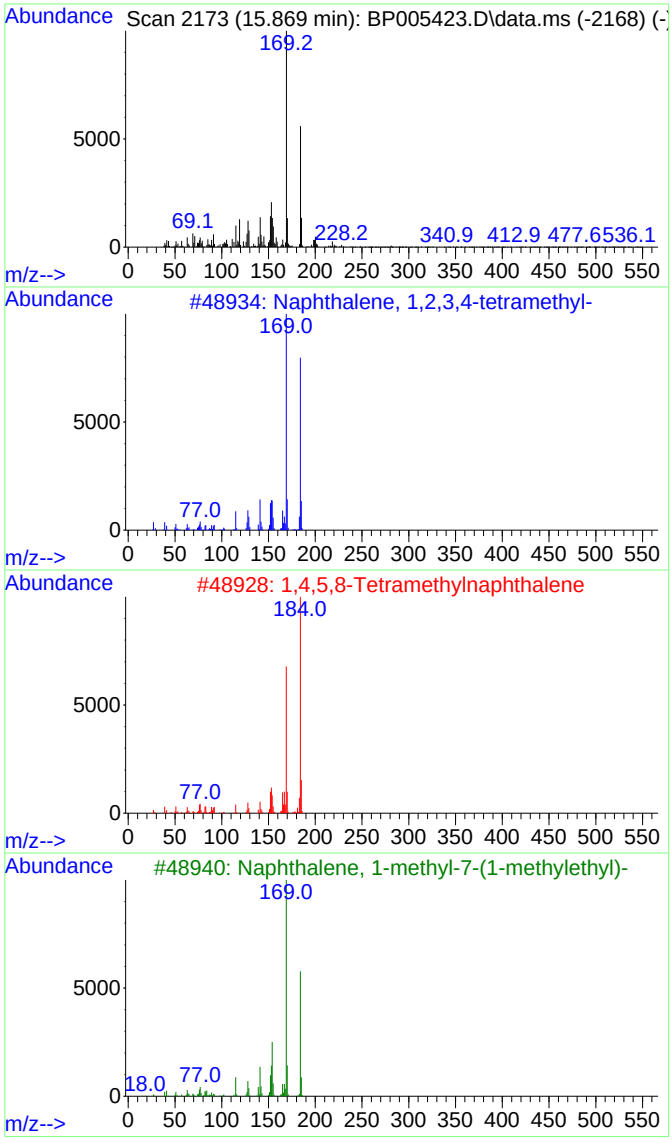
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

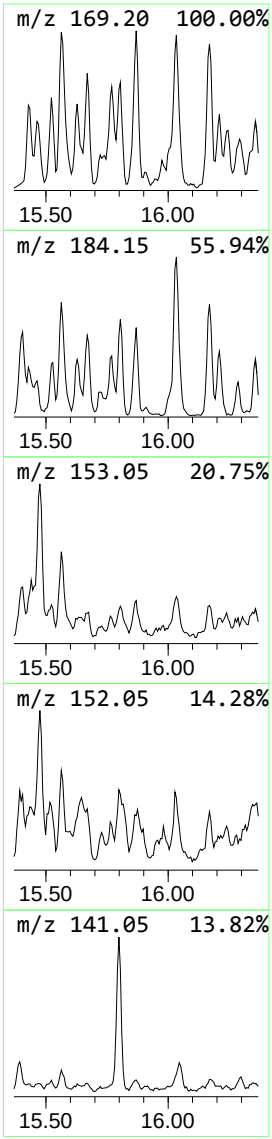
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.869	14.71 ng	425502	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	53
5	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

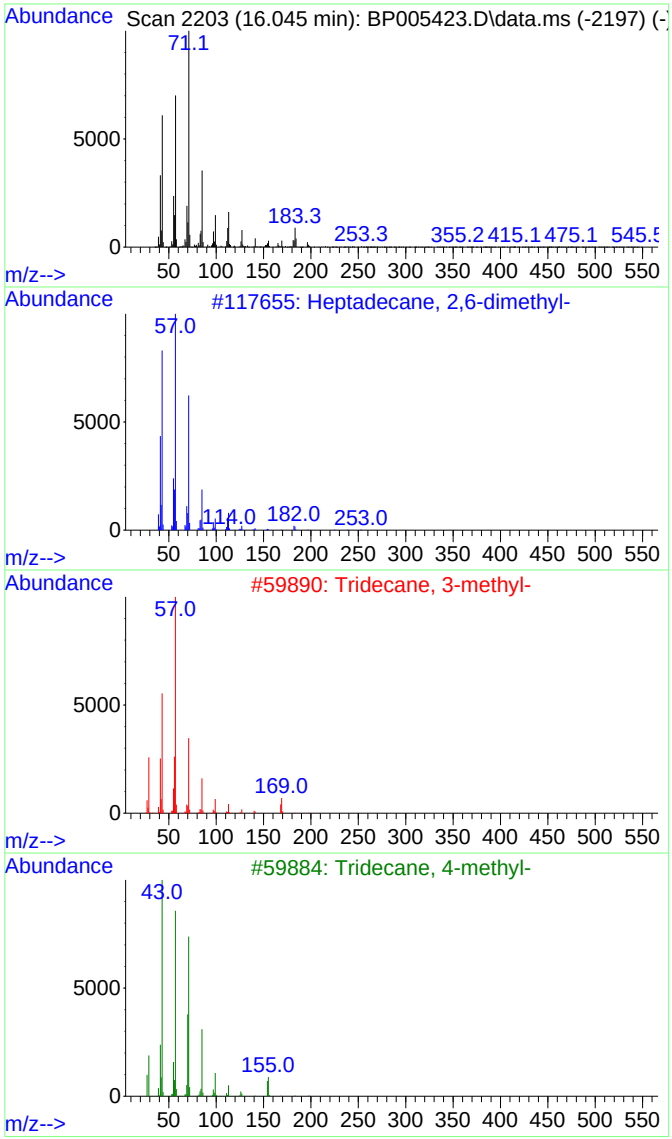
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

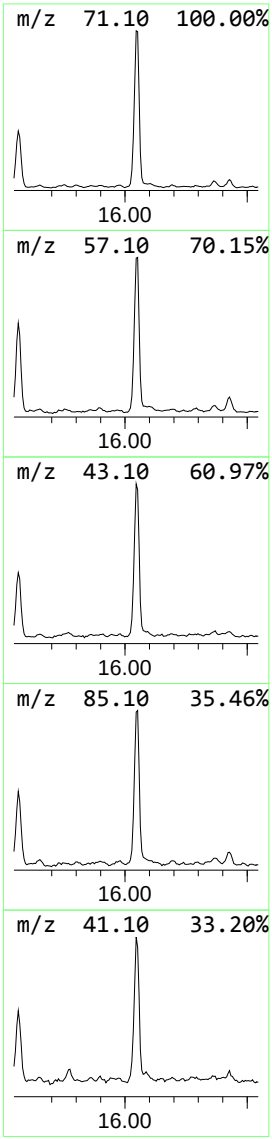
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	70.70 ng	2044990	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

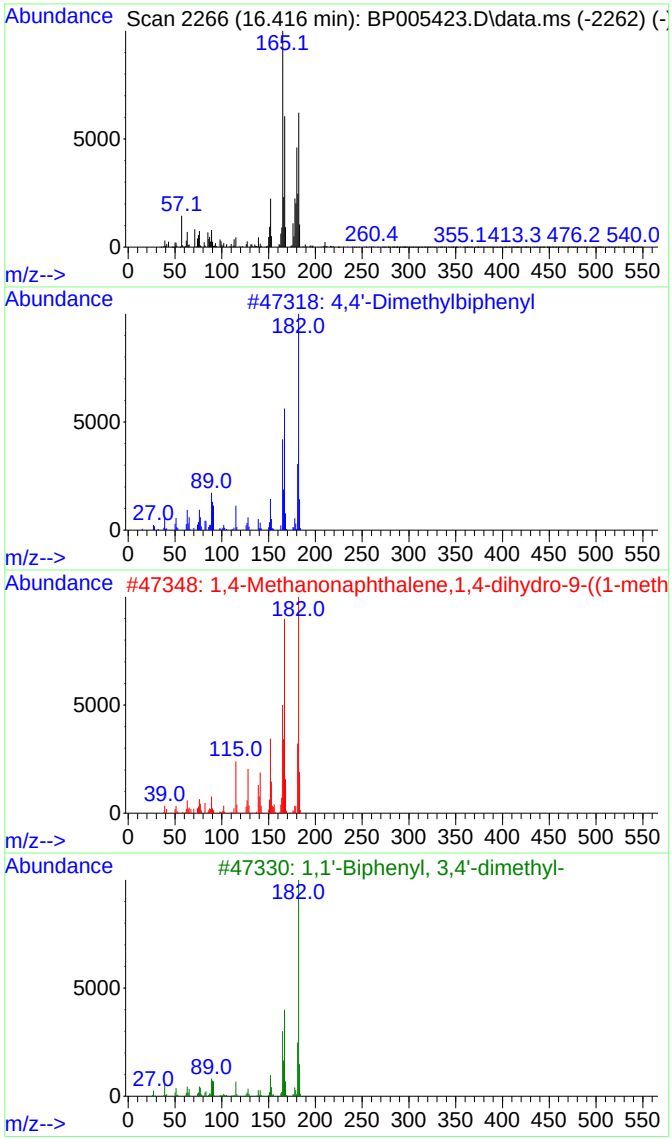
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

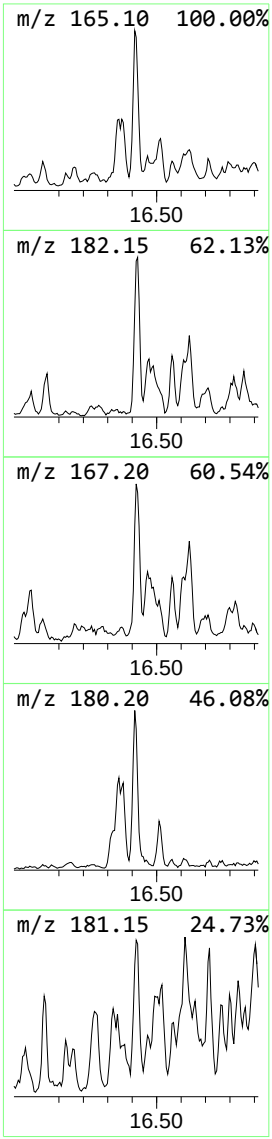
****

Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	12.56 ng	363402	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	53
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	49
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
4	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	45
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

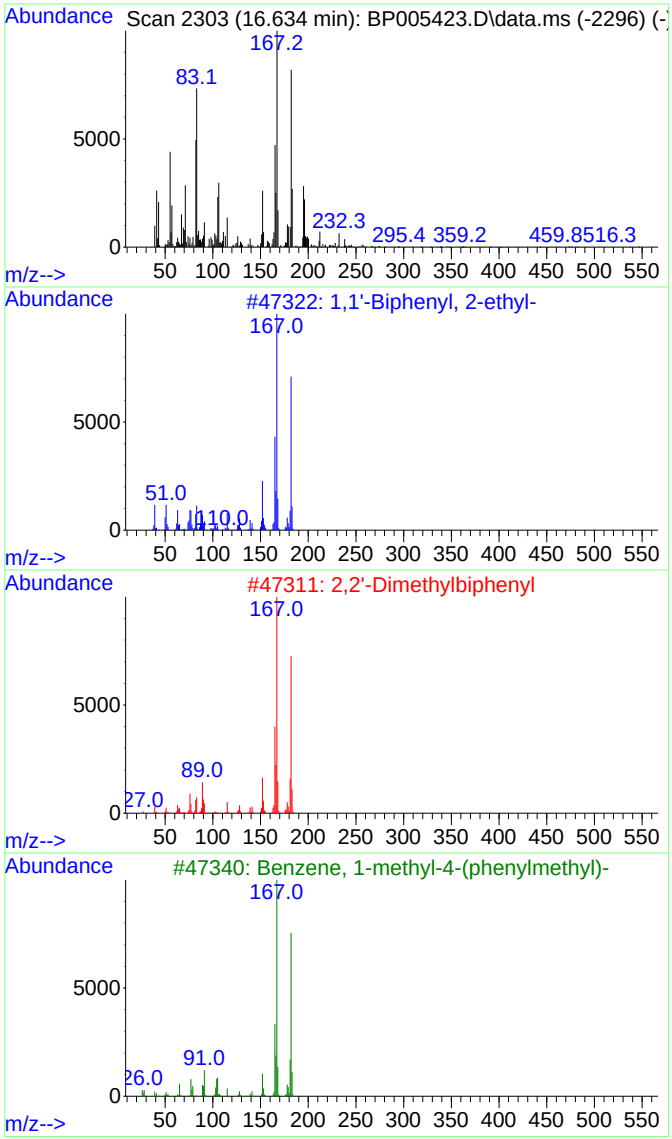
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

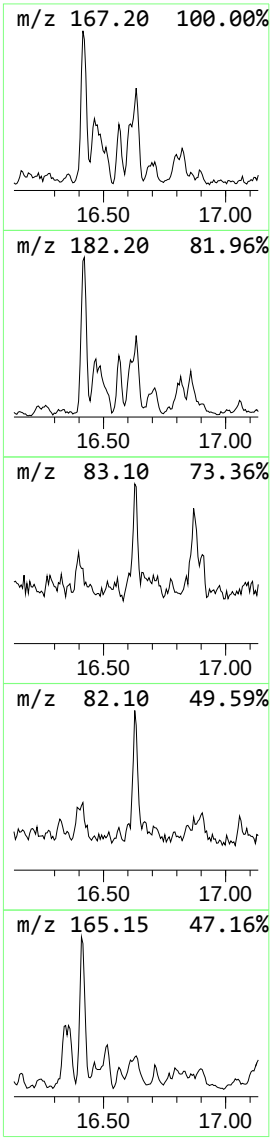
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	11.17 ng	323199	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	83
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	60
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

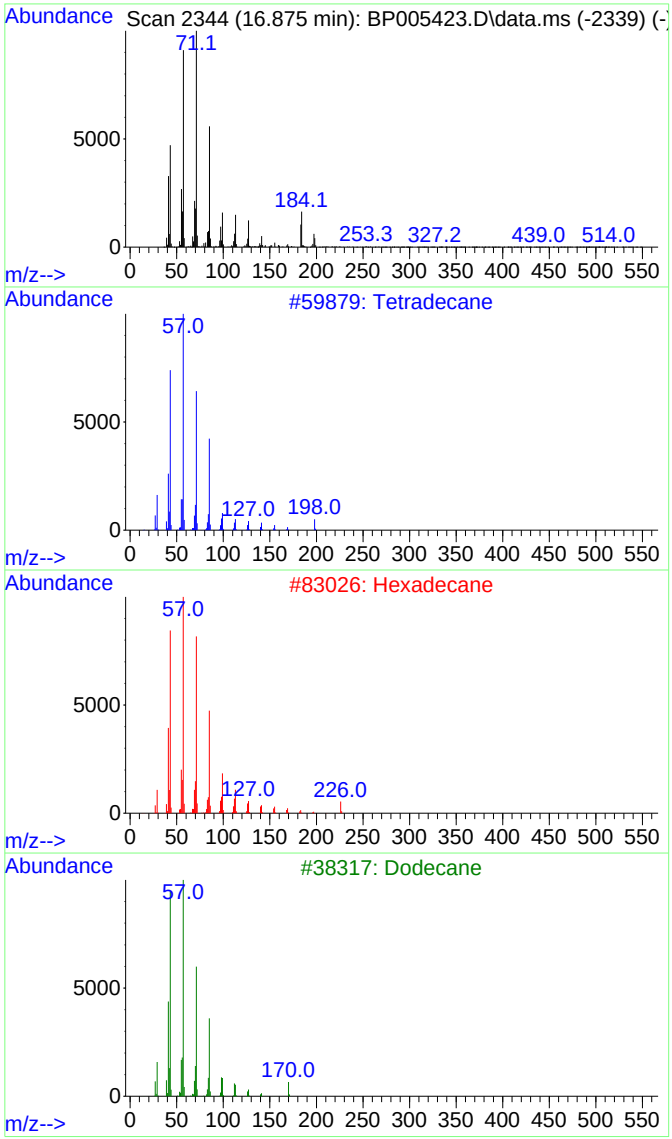
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

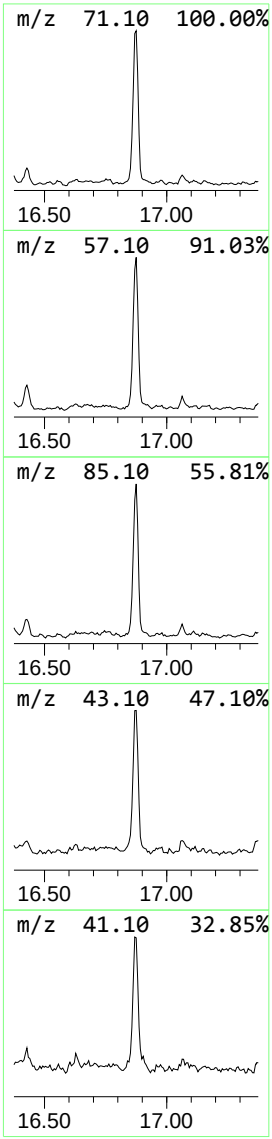
****

Peak Number 17 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	43.48 ng	1257570	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane	170	C12H26	000112-40-3	76
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

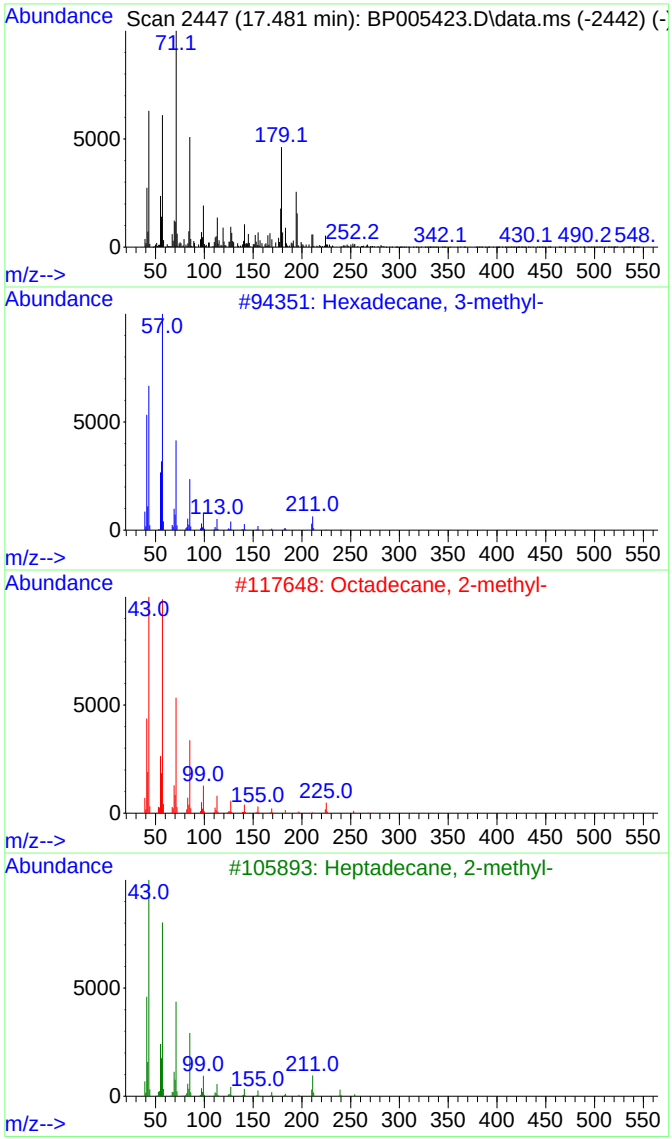
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

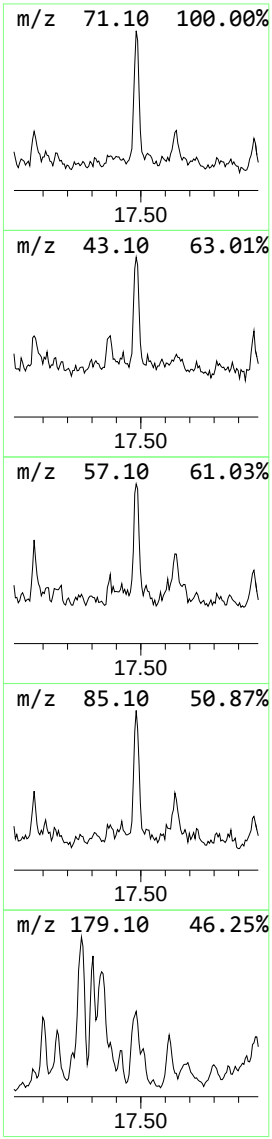
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.481	12.20 ng	352980	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	60
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Heptacosane	380	C27H56	000593-49-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

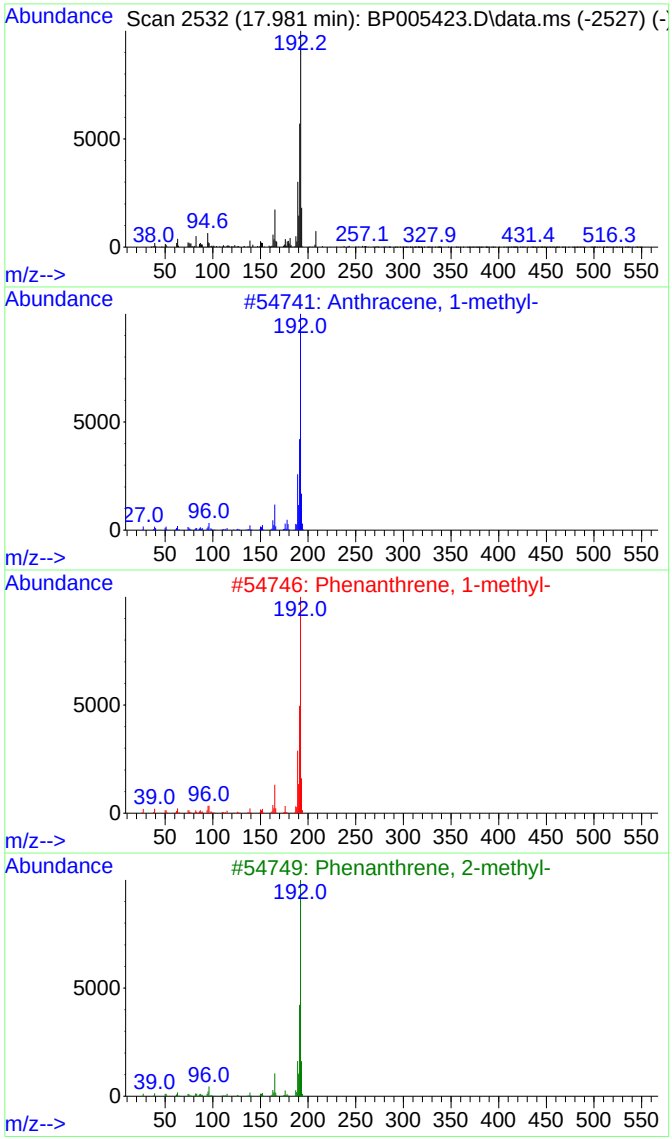
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

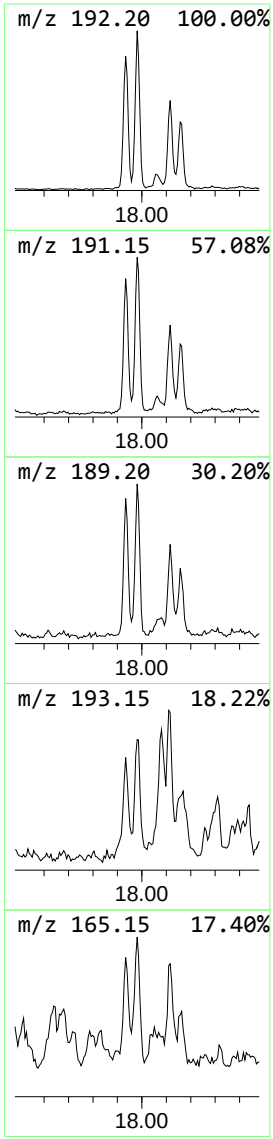
****

Peak Number 19 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.981	18.91 ng	547035	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

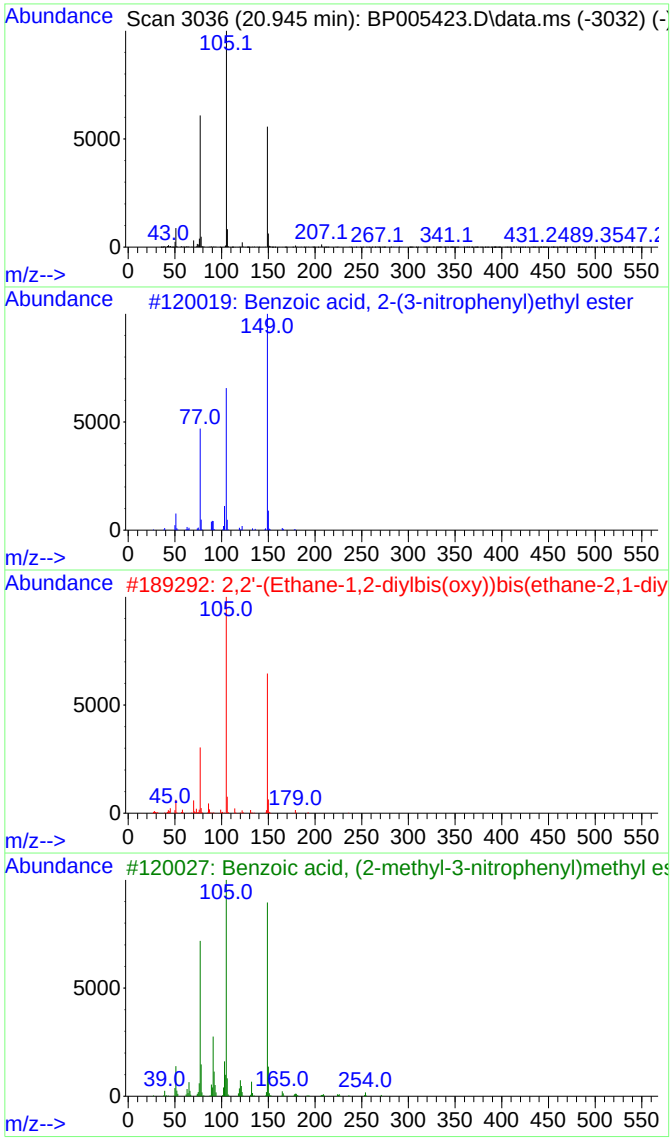
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

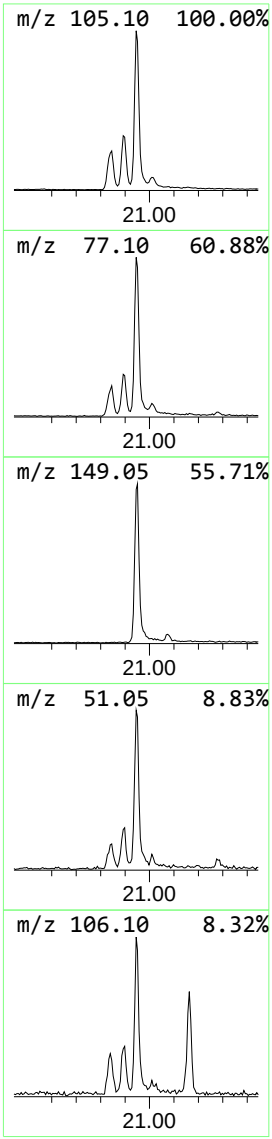
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzoic acid, 2-(3-nitrophe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	13.69 ng	453622	Chrysene-d12	21.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	74
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
3	Benzoic acid, (2-methyl-3-nitrop...	271	C15H13NO4	1000367-95-0	64
4	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005423.D
Acq On : 29 Apr 2021 22:55
Operator : CG/JU
Sample : M2222-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.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, 4-ethy...	8.722	19.0	ng	175314	1	7.622	184200	20.0
Sulfurous acid,...	11.440	16.7	ng	381410	2	10.410	457628	20.0
Naphthalene, 1,...	11.610	15.6	ng	357596	2	10.410	457628	20.0
Sulfurous acid,...	12.816	13.0	ng	573924	3	14.293	884269	20.0
unknown13.193	13.193	11.4	ng	504716	3	14.293	884269	20.0
Naphthalene, 2,...	13.445	12.9	ng	572248	3	14.293	884269	20.0
Naphthalene, 1,...	13.604	17.2	ng	761426	3	14.293	884269	20.0
Naphthalene, 1,...	13.663	12.5	ng	552359	3	14.293	884269	20.0
Naphthalene, 1,...	14.510	16.1	ng	713015	3	14.293	884269	20.0
unknown14.822	14.822	11.1	ng	488789	3	14.293	884269	20.0
Naphthalene, 1,...	14.922	11.8	ng	521312	3	14.293	884269	20.0
2-Bromo dodecane	15.563	22.0	ng	973770	3	14.293	884269	20.0
Naphthalene, 1,...	15.869	14.7	ng	425502	4	17.057	578494	20.0
Heptadecane, 2,...	16.045	70.7	ng	2044990	4	17.057	578494	20.0
4,4'-Dimethylbi...	16.416	12.6	ng	363402	4	17.057	578494	20.0
1,1'-Biphenyl, ...	16.634	11.2	ng	323199	4	17.057	578494	20.0
Tetradecane	16.875	43.5	ng	1257570	4	17.057	578494	20.0
Hexadecane, 3-m...	17.481	12.2	ng	352980	4	17.057	578494	20.0
Anthracene, 1-m...	17.981	18.9	ng	547035	4	17.057	578494	20.0
Benzoic acid, 2...	20.945	13.7	ng	453622	5	21.163	662938	20.0