LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HP-1-50

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009289.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	11	15	33	rVB	3214435	5346331	19.49%	2.139%
2	5.417	407	413	421	rBV	4325244	6860486	25.01%	2.745%
3	6.816	643	651	659	rBV	355453	650780	2.37%	0.260%
4	6.922	659	669	674	rVV	542142	931365	3.40%	0.373%
5	6.987	674	680	687	rVV2	2949859	4996519	18.22%	1.999%
6	7.058	687	692	699	rVB	441722	752057	2.74%	0.301%
7	7.222	714	720	727	rVB	263783	439026	1.60%	0.176%
8	7.475	757	763	770	rBV	1522906	2567985	9.36%	1.027%
9	7.734	802	807	814	rVB	227565	392557	1.43%	0.157%
10	7.822	814	822	827	rVV	1773404	3076214	11.21%	1.231%
11	7.869	827	830	837	rVV2	277372	550813	2.01%	0.220%
12	7.940	837	842	853	rVB2	368424	920649	3.36%	0.368%
13	8.199	880	886	894	rVB	278533	477811	1.74%	0.191%
14	8.322	901	907	911	rBV	351076	581116	2.12%	0.233%
15	8.375	911	916	923	rVB	662331	1117033	4.07%	0.447%
16	8.469	923	932	938	rBV2	1196426	2108535	7.69%	0.844%
17	8.634	952	960	969	rBV	373052	748817	2.73%	0.300%
18	8.781	977	985	989	rBV	566476	948161	3.46%	0.379%
19	8.834	989	994	1001	rVB	530600	914549	3.33%	0.366%
20	8.934	1001	1011	1013	rBV	1185534	1952879	7.12%	0.781%
21	8.975	1013	1018	1034	rVB	5422516	10377437	37.83%	4.152%
22	9.187	1042	1054	1061	rBV4	388747	961647	3.51%	0.385%
23	9.263	1061	1067	1073	rVV2	250150	495127	1.81%	0.198%
24	9.328	1073	1078	1085	rVB3	210227	420318	1.53%	0.168%
25	9.452	1094	1099	1104	rVV	501491	803045	2.93%	0.321%
26	9.510	1104	1109	1117	rVB	785222	1386857	5.06%	0.555%
27	9.716	1134	1144	1148	rBV2	257125	506668	1.85%	0.203%
28	9.828	1156	1163	1167	rBV2	434903	1012300	3.69%	0.405%
29	9.869	1167	1170	1175	rVB	475410	698929	2.55%	0.280%
30	10.022	1184	1196	1202	rBV5	1520828	3469779	12.65%	1.388%
31	10.093	1202	1208	1216	rVV2	538891	1053851	3.84%	0.422%
32	10.210	1218	1228	1231	rVV4	381470	1131330	4.12%	0.453%
33	10.252	1231	1235	1242	rVV	1019577	1786241	6.51%	0.715%
34	10.328	1242	1248	1255	rVB	317552	556319	2.03%	0.223%
35	10.610	1287	1296	1301	rVV2	2797720	5434195	19.81%	2.174%
36	10.663	1301	1305	1313	rVV3	1422789	3013768	10.99%	1.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HP-1-50

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.734	1313	1317	1326	rVB	567393	1102079	4.02%	0.441%
38	10.846	1326	1336	1344	rVB3	241950	509607	1.86%	0.204%
39	11.087	1366	1377	1387	rVB2	994142	2040938	7.44%	0.817%
40	11.199	1387	1396	1401	rBV	568296	1119738	4.08%	0.448%
41	11.281	1406	1410	1415	rVV	482371	924006	3.37%	0.370%
42	11.340	1416	1420	1426	rVB3	172929	357482	1.30%	0.143%
43	11.410	1426	1432	1438	rBV3	217510	388249	1.42%	0.155%
44	11.540	1447	1454	1462	rBV	719232	1290992	4.71%	0.517%
45	11.687	1470	1479	1482	rBV3	150184	358377	1.31%	0.143%
46	11.734	1482	1487	1493	rVB	516692	923013	3.37%	0.369%
47	11.816	1493	1501	1509	rBV	2174865	4021121	14.66%	1.609%
48	11.951	1516	1524	1529	rVB3	292507	683273	2.49%	0.273%
49	12.010	1529	1534	1537	rBV	408224	659395	2.40%	0.264%
50	12.122	1543	1553	1556	rBV4	194304	590394	2.15%	0.236%
51	12.169	1556	1561	1568	rVB	1351542	2405005	8.77%	0.962%
52	12.281	1568	1580	1590	rVB	4507859	8115939	29.59%	3.247%
53	12.499	1606	1617	1621	rBV	3166158	5599196	20.41%	2.240%
54	12.540	1621	1624	1629	rVB2	1081655	1600884	5.84%	0.641%
55	12.793	1663	1667	1673	rVV3	339721	826788	3.01%	0.331%
56	12.846	1673	1676	1681	rVB	325844	463575	1.69%	0.185%
57	13.016	1698	1705	1709	rVV2	429597	756746	2.76%	0.303%
58	13.087	1709	1717	1723	rVV	13247123	21303382	77.67%	8.524%
59	13.293	1746	1752	1758	rVB	822803	1320558	4.81%	0.528%
60	13.404	1758	1771	1776	rBV2	890343	1856182	6.77%	0.743%
61	13.487	1776	1785	1795	rVB2	1084506	2963118	10.80%	1.186%
62	13.622	1801	1808	1810	rBV	2077339	3508055	12.79%	1.404%
63	13.781	1825	1835	1840	rBV	3339121	6528523	23.80%	2.612%
64	13.834	1840	1844	1852	rVB2	2497830	3976795	14.50%	1.591%
65	14.016	1870	1875	1879	rBV	1173643	2066464	7.53%	0.827%
66	14.045	1879	1880	1886	rVB2	719802	774815	2.82%	0.310%
67	14.181	1895	1903	1909	rBV	741784	1207450	4.40%	0.483%
68	14.457	1940	1950	1956	rBV2	3529845	6683548	24.37%	2.674%
69	14.516	1956	1960	1962	rVV2	431489	635048	2.32%	0.254%
70	14.551	1962	1966	1970	rVV2	586305	978051	3.57%	0.391%
71	14.593	1970	1973	1981	rVV2	154085	356283	1.30%	0.143%
72	14.675	1981	1987	1996	rVV	785359	1870515	6.82%	0.748%
73	14.757	1996	2001	2007	rVV4	288101	494472	1.80%	0.198%
74	14.863	2010	2019	2026	rVV	1130856	2339049	8.53%	0.936%
75	14.940	2026	2032	2040	rVB	967961	1499226	5.47%	0.600%
76	15.081	2050	2056	2061	rBV	742322	1366831	4.98%	0.547%

LSC Area Percent Report

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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HP-1-50

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.134	2061	2065	2071	rVB	733111	1110949	4.05%	0.445%
78	15.251	2071	2085	2088	rBV2	528809	1437638	5.24%	0.575%
79	15.287	2088	2091	2101	rVB4	473650	864512	3.15%	0.346%
80	15.434	2105	2116	2122	rVB4	236337	677197	2.47%	0.271%
81	15.504	2122	2128	2133	rBV3	702422	1185248	4.32%	0.474%
82	15.640	2142	2151	2154	rBV	823624	1447322	5.28%	0.579%
83	15.675	2154	2157	2162	rVB4	325749	520783	1.90%	0.208%
84	15.951	2197	2204	2213	rVV	10243052	15423845	56.23%	6.171%
85	16.040	2213	2219	2230	rVB4	170758	419455	1.53%	0.168%
86	16.198	2242	2246	2256	rVB4	207205	389214	1.42%	0.156%
87	16.334	2258	2269	2273	rBV3	162179	386956	1.41%	0.155%
88	16.516	2286	2300	2305	rBV5	332700	1012914	3.69%	0.405%
89	16.575	2305	2310	2315	rBV3	600341	1021049	3.72%	0.409%
90	16.669	2322	2326	2332	rVB3	187921	362242	1.32%	0.145%
91	17.028	2381	2387	2399	rVB5	165569	518542	1.89%	0.207%
92	17.216	2413	2419	2424	rBV	3737864	5826052	21.24%	2.331%
93	17.257	2424	2426	2432	rVB	738109	925479	3.37%	0.370%
94	18.092	2562	2568	2571	rBV	419099	613141	2.24%	0.245%
95	18.139	2571	2576	2582	rVB	455324	726338	2.65%	0.291%
96	19.504	2803	2808	2816	rBV	7276409	8472905	30.89%	3.390%
97	19.798	2852	2858	2872	rVB	20746218	27429801	100.00%	10.975%
98	21.322	3112	3117	3126	rBV	4581838	6302748	22.98%	2.522%
99	21.751	3187	3190	3196	rVB	332417	420959	1.53%	0.168%
100	23.727	3519	3526	3538	rVB2	3019854	6525389	23.79%	2.611%

Sum of corrected areas: 249927334

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
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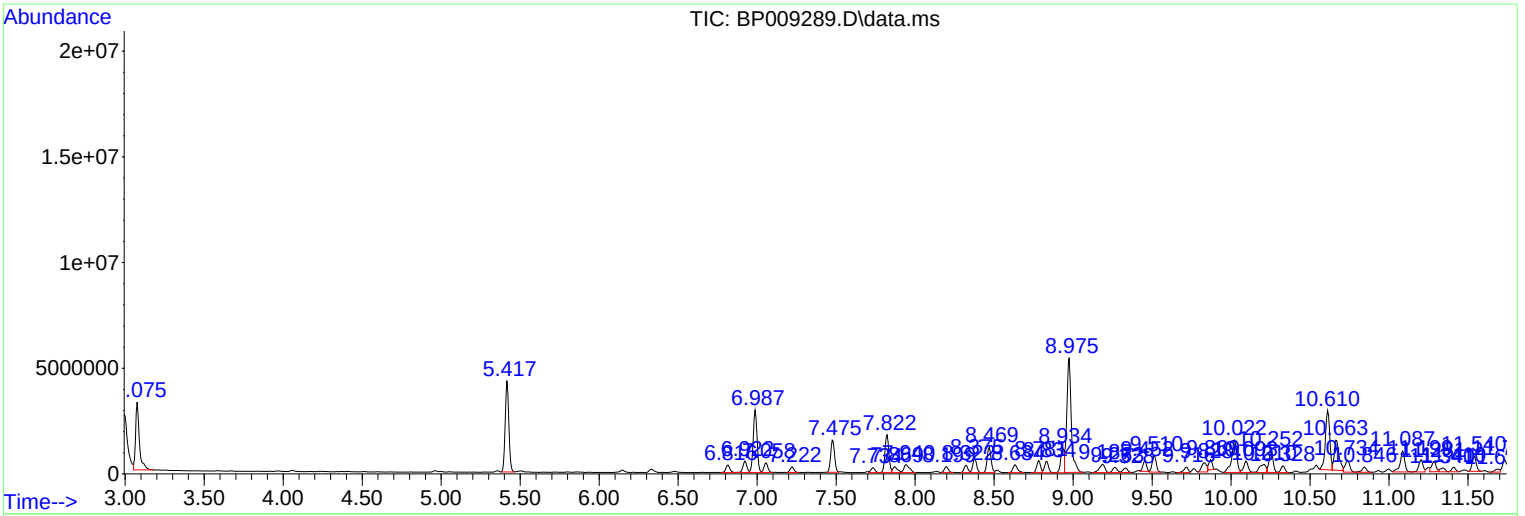
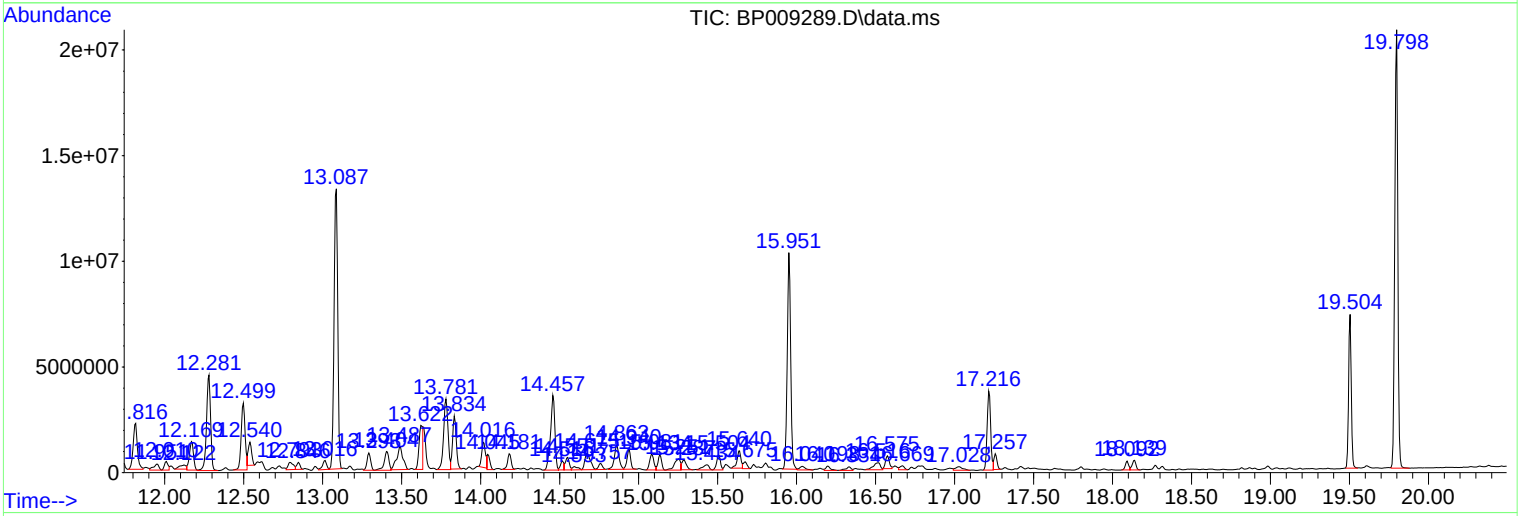
Misc :
ALS Vial : 11 Sample Multiplier: 1

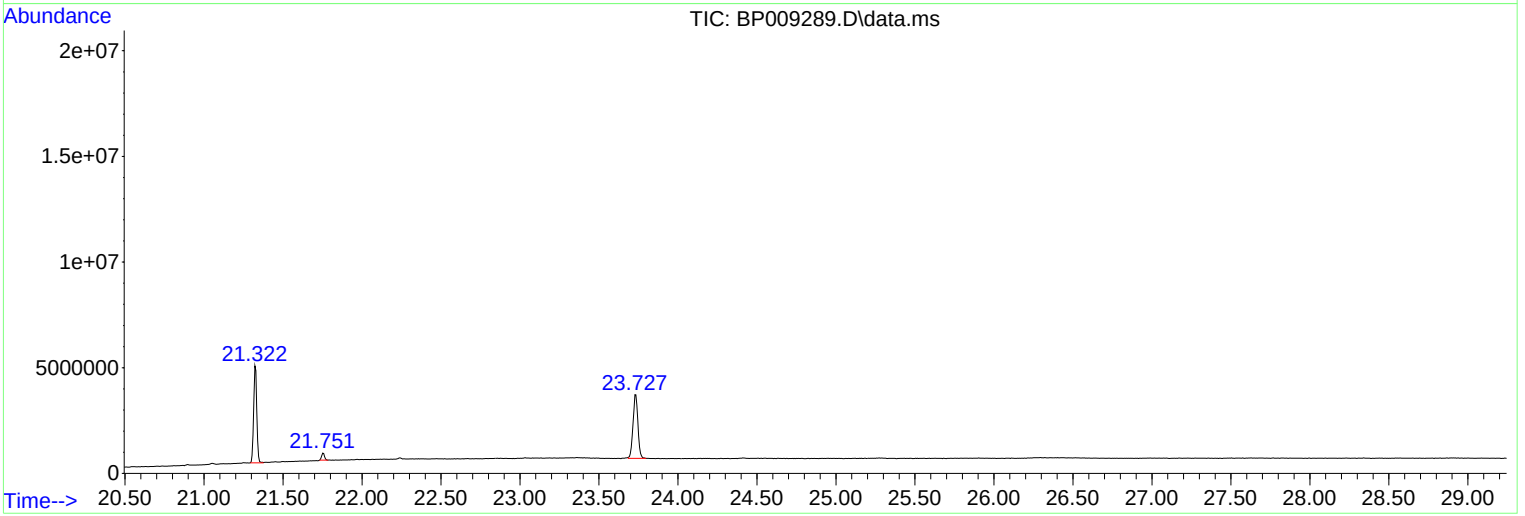
Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

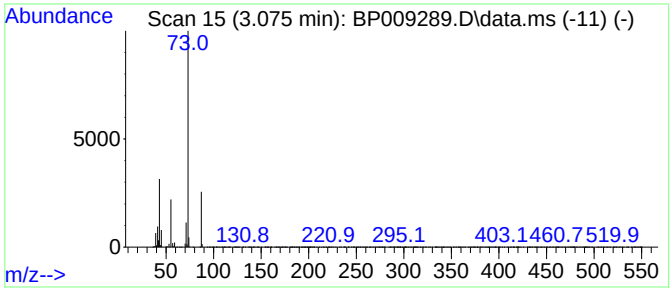
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

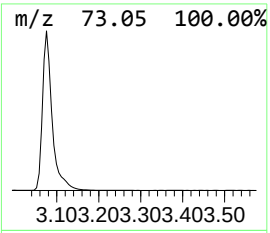
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

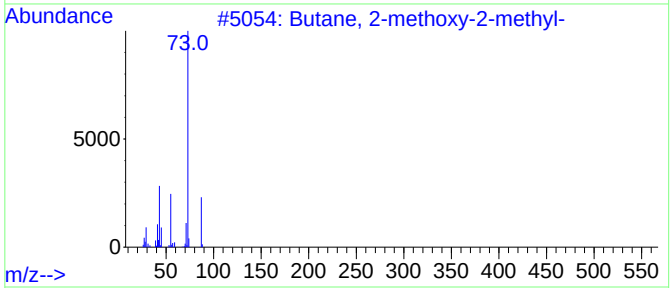
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

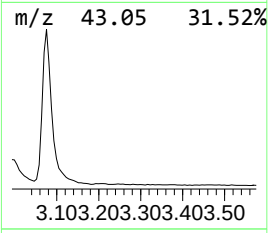
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	34.76 ng	5346330	1,4-Dichlorobenzene-d4	7.822

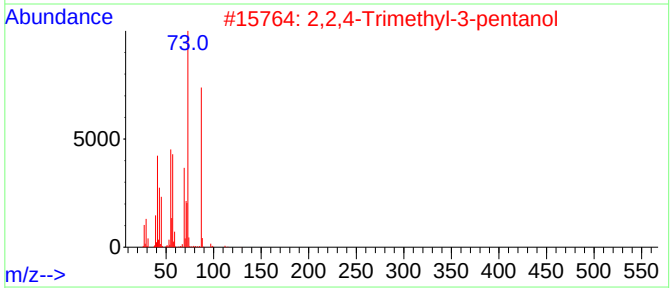
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9

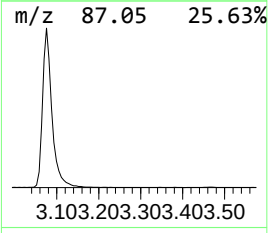


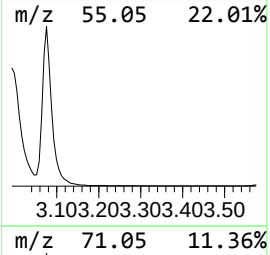


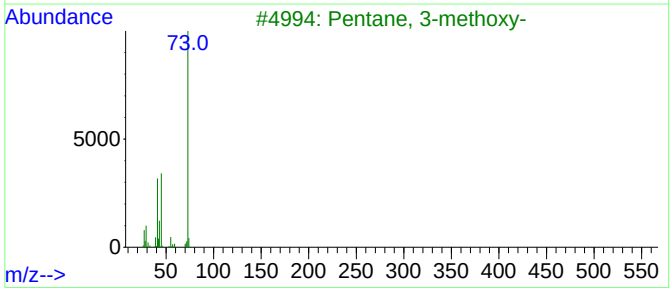


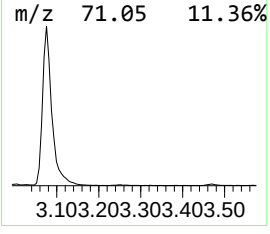












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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

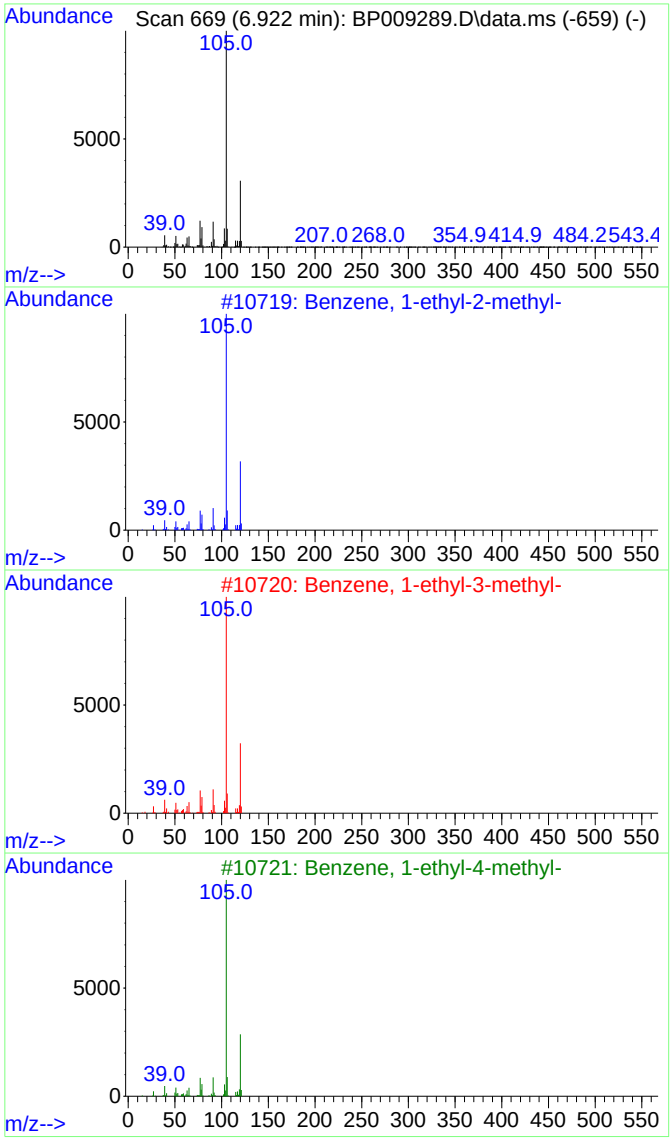
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

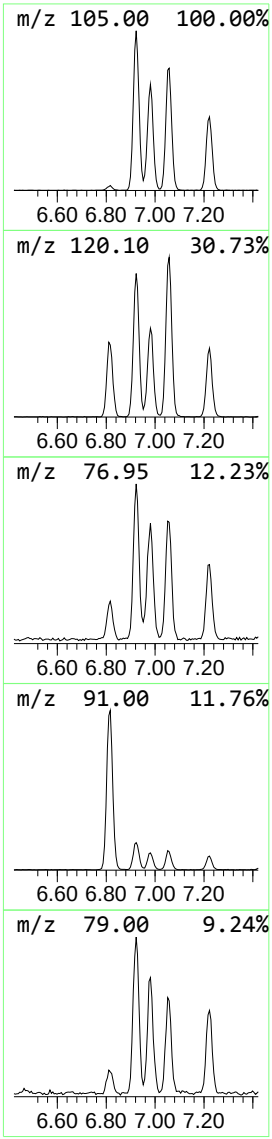
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	6.06 ng	931365	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

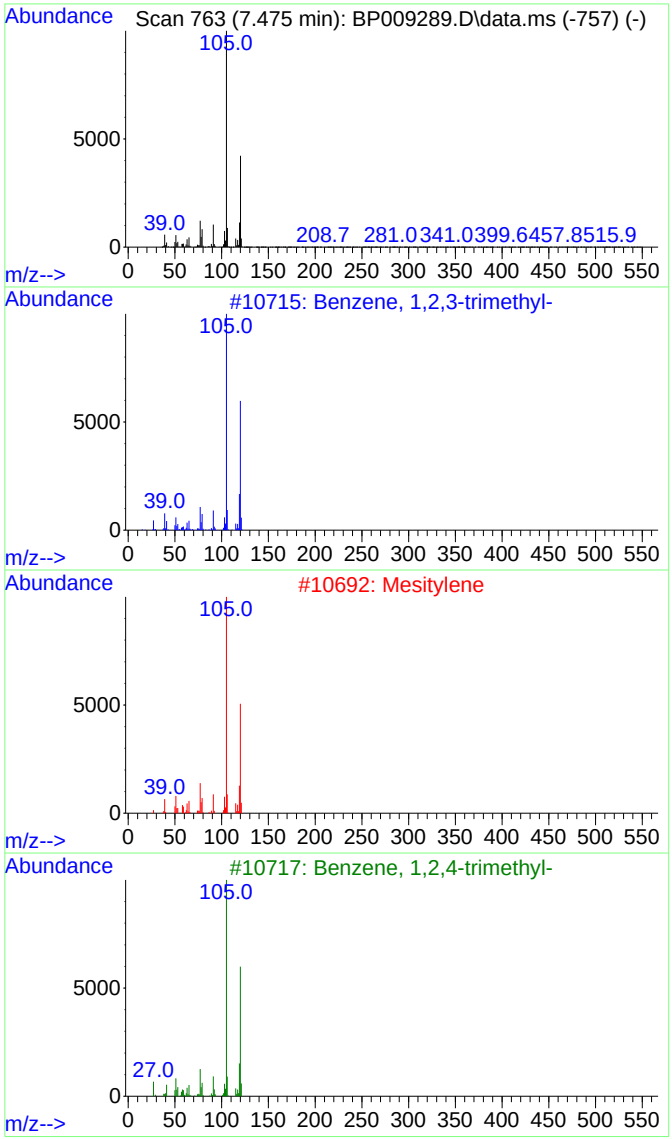
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

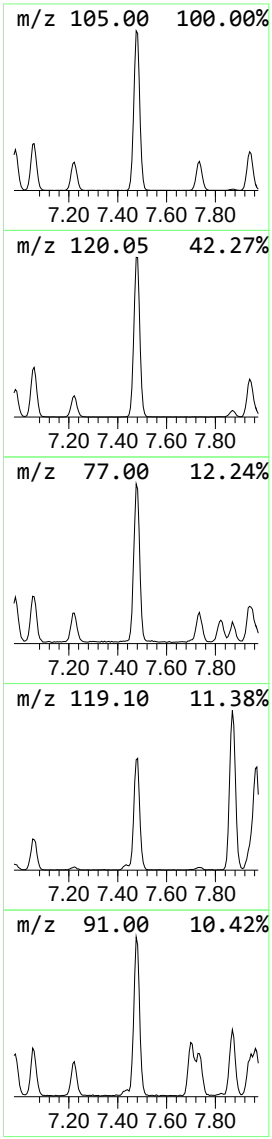
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.475	16.70 ng	2567990	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

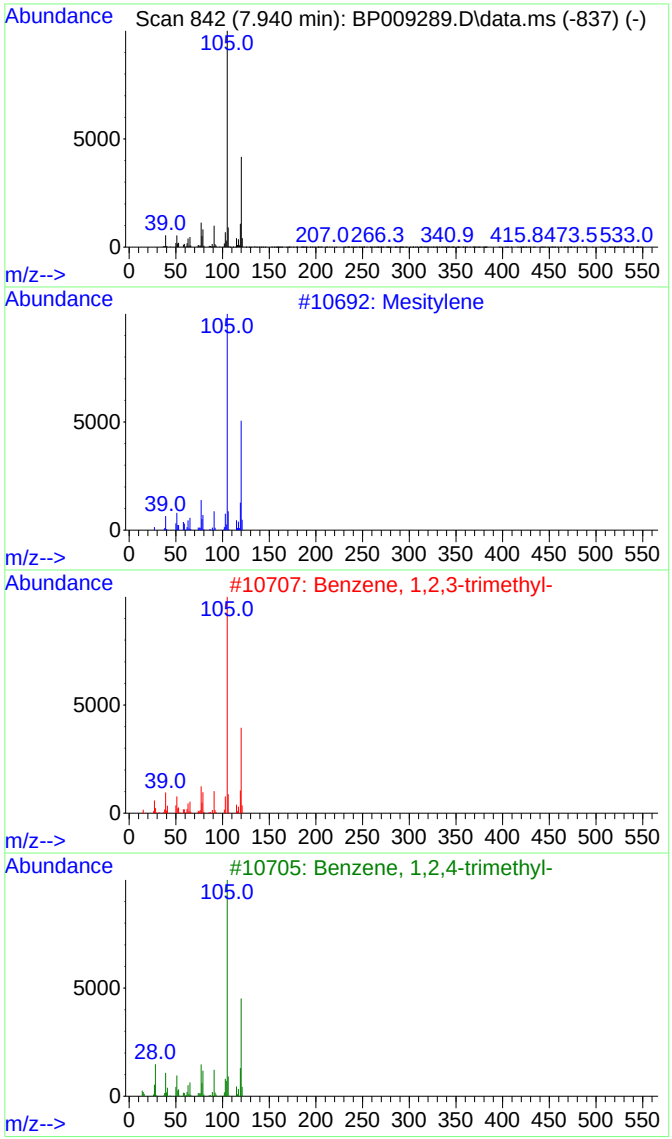
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

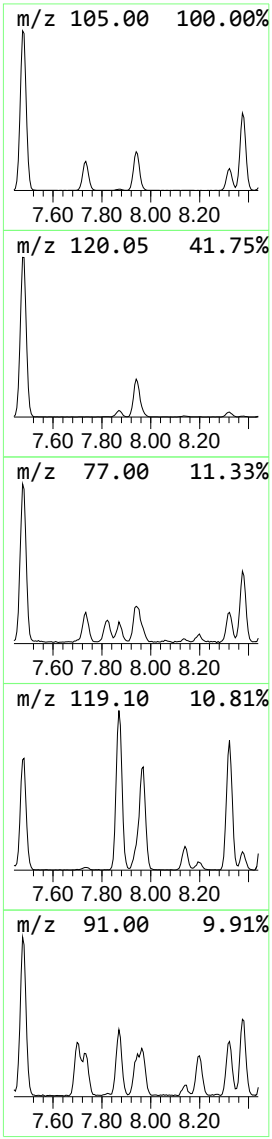
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Mesitylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.940	5.99 ng	920649	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

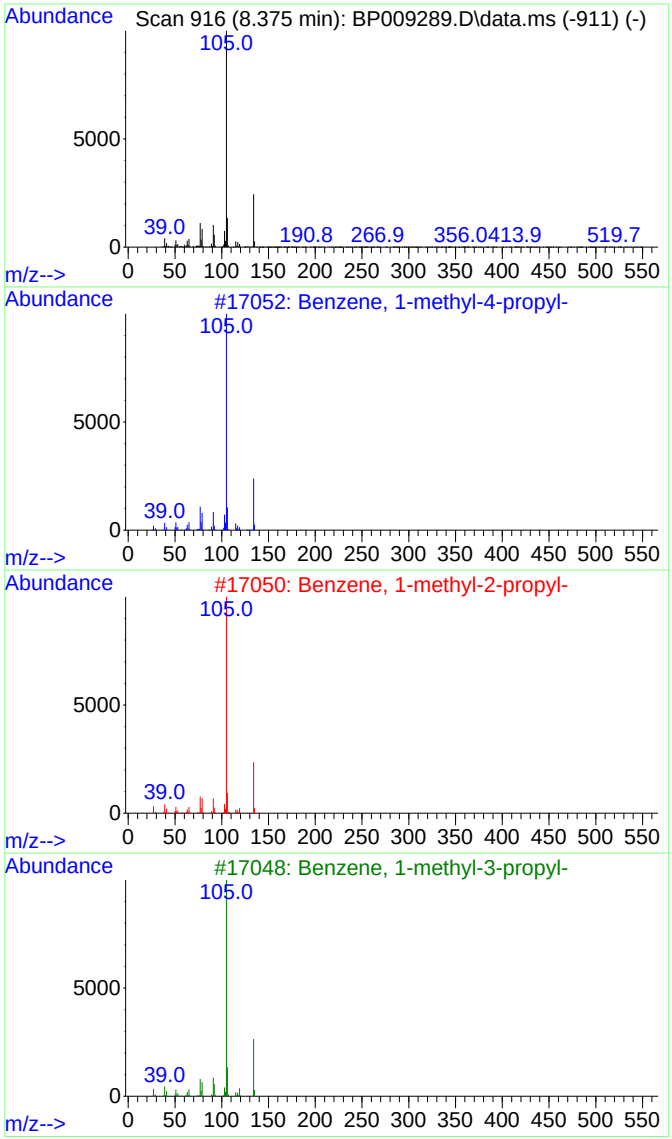
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

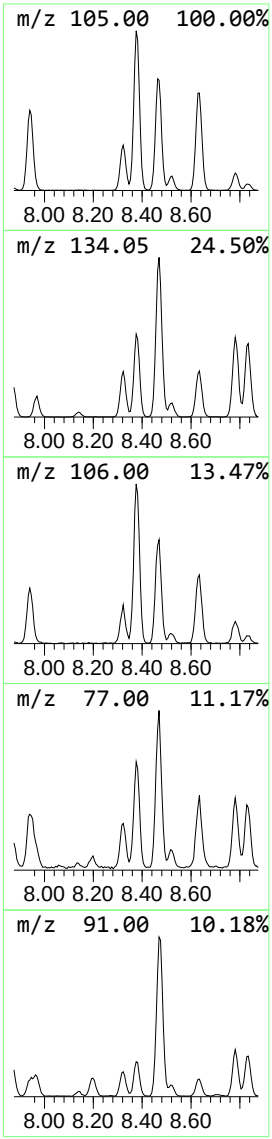
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	7.26 ng	1117030	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

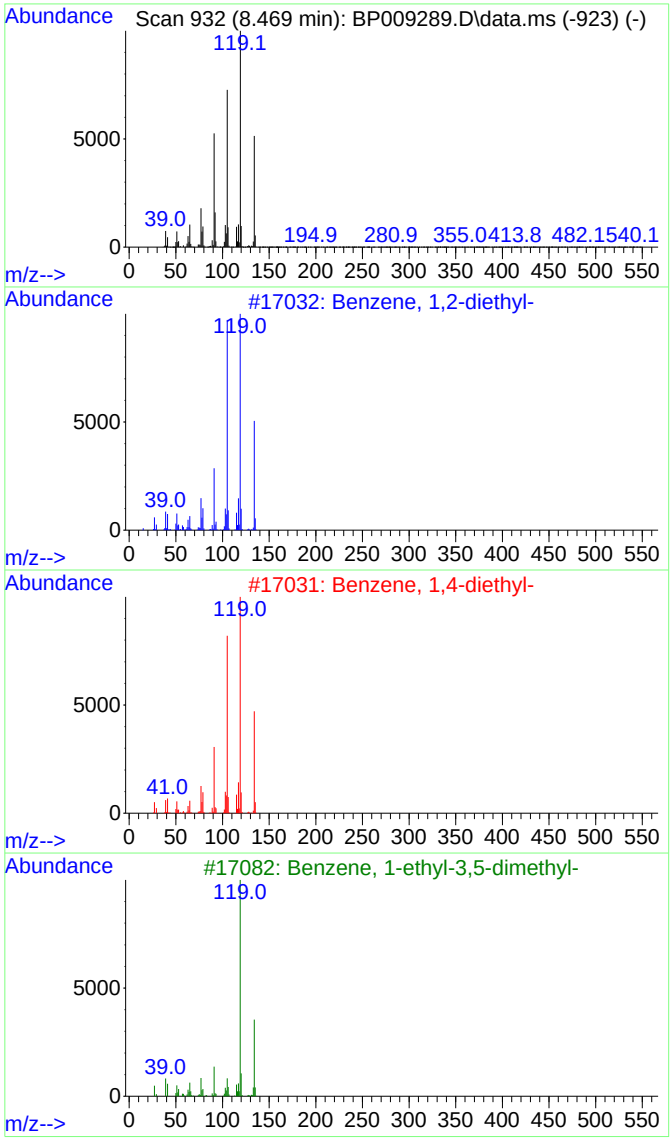
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

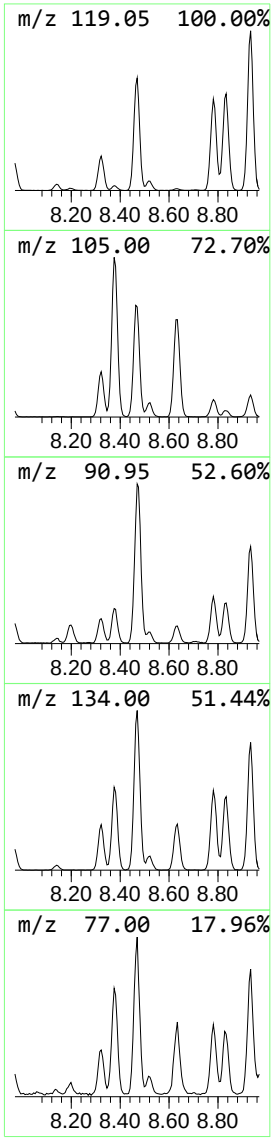
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	13.71 ng	2108540	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

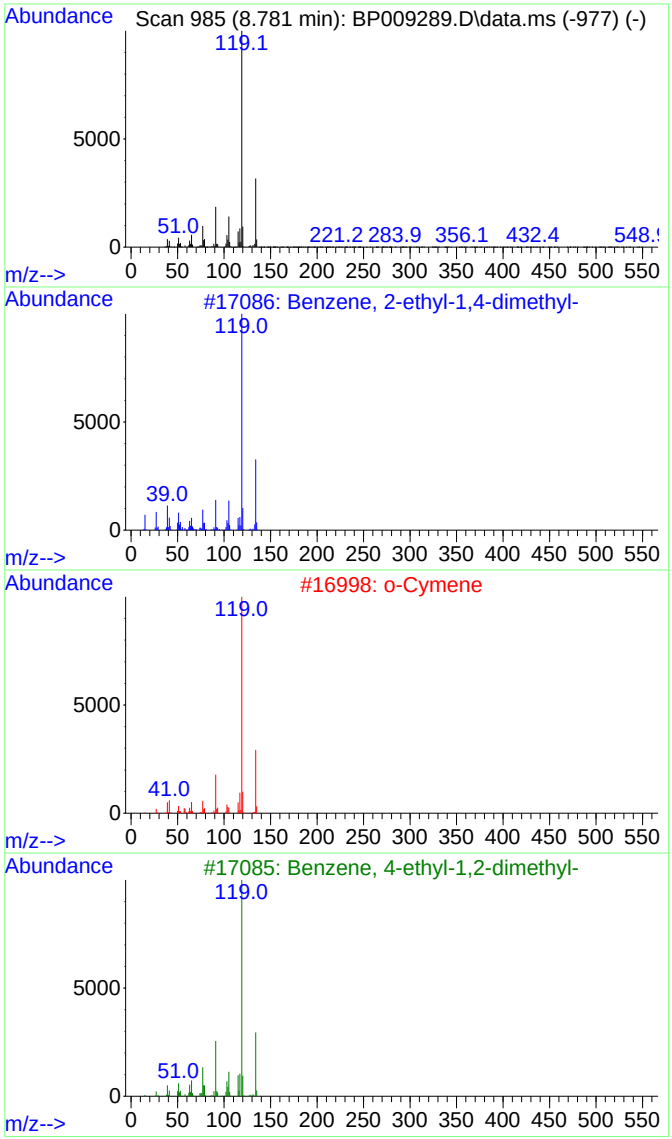
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

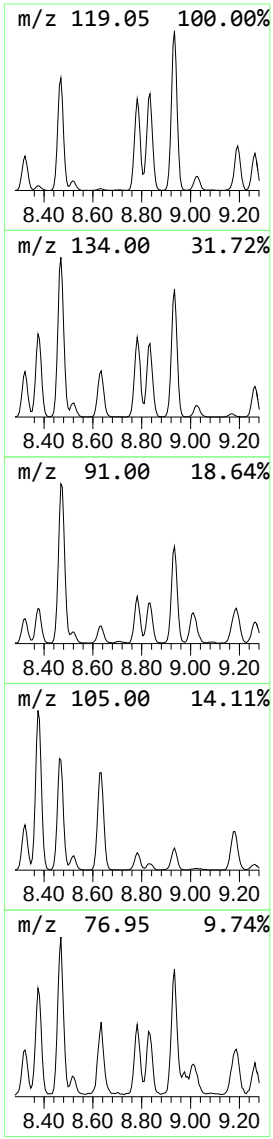
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	6.16 ng	948161	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

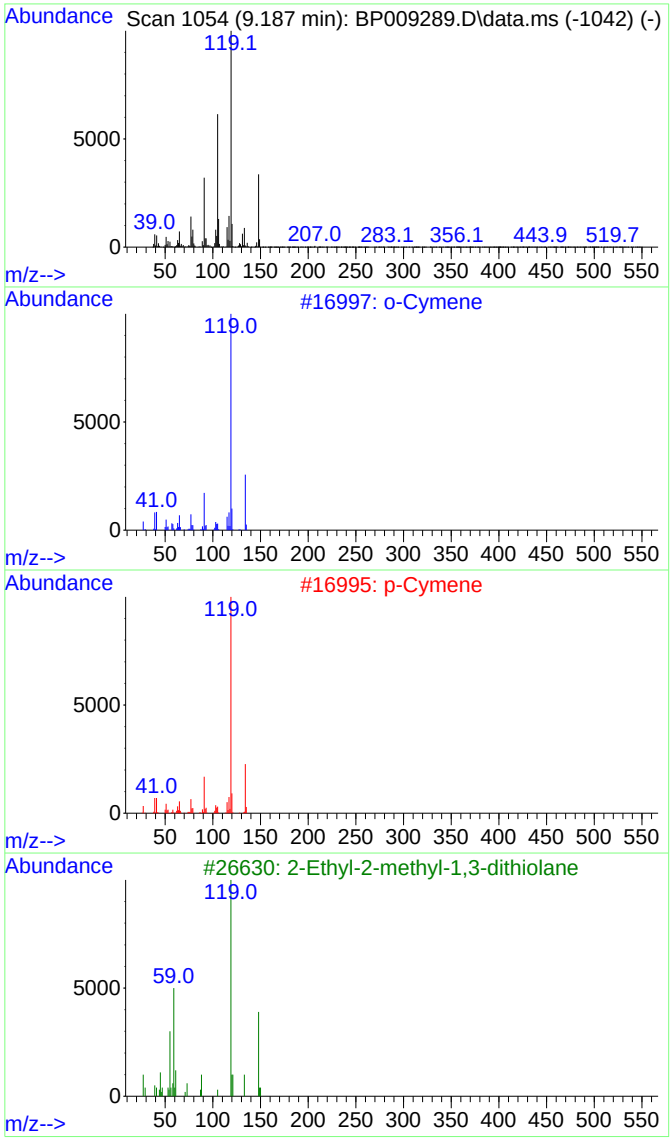
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

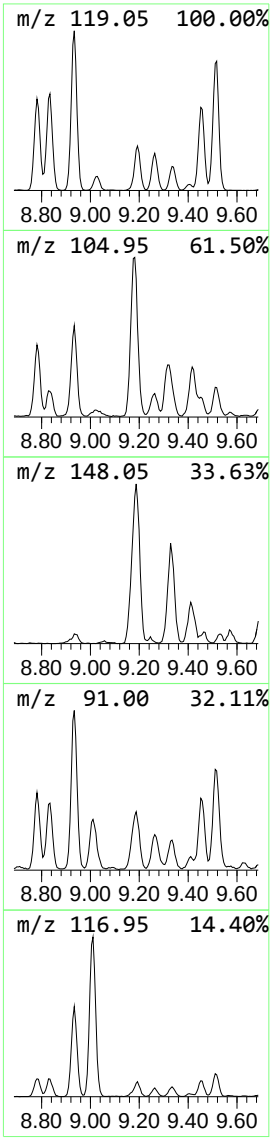
****

Peak Number 8 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	6.25 ng	961647	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	86
2	p-Cymene	134	C10H14	000099-87-6	70
3	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	64
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

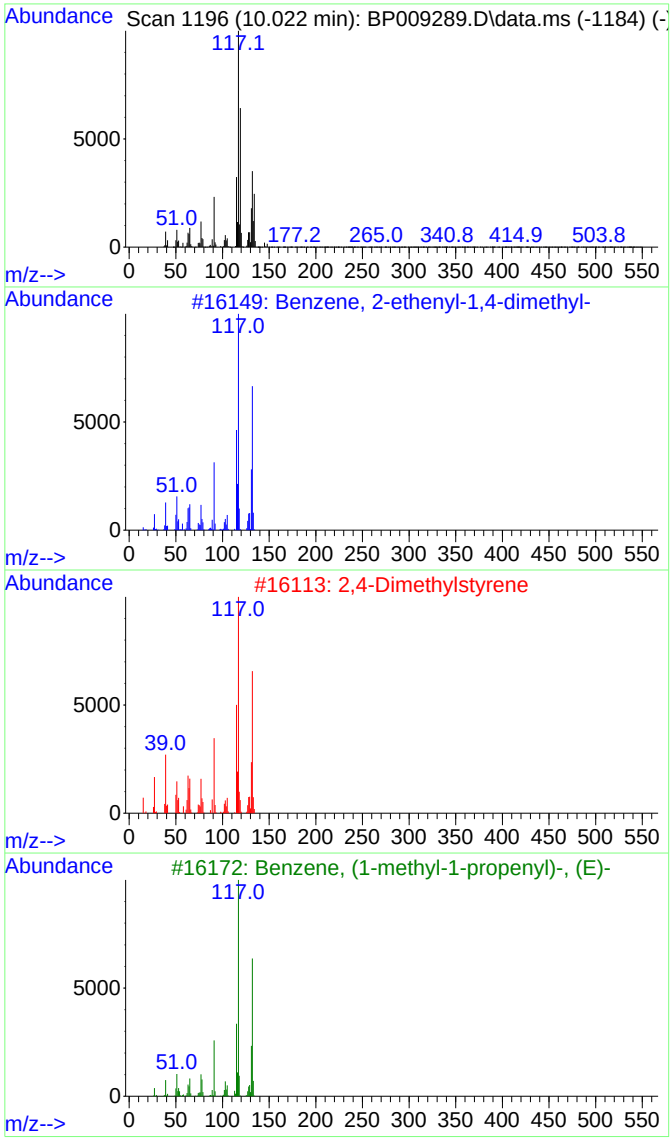
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

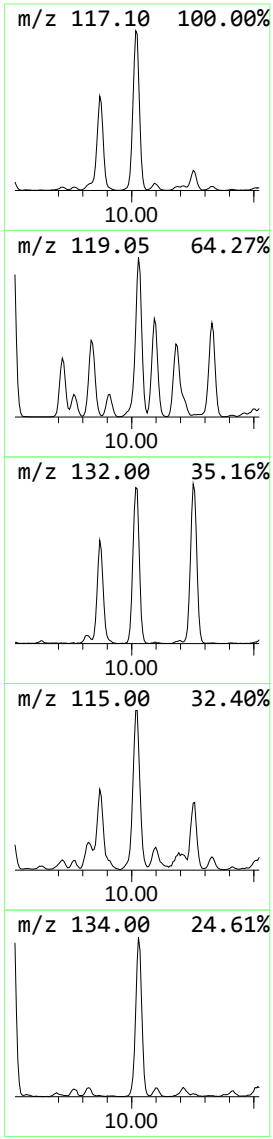
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	12.77 ng	3469780	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	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

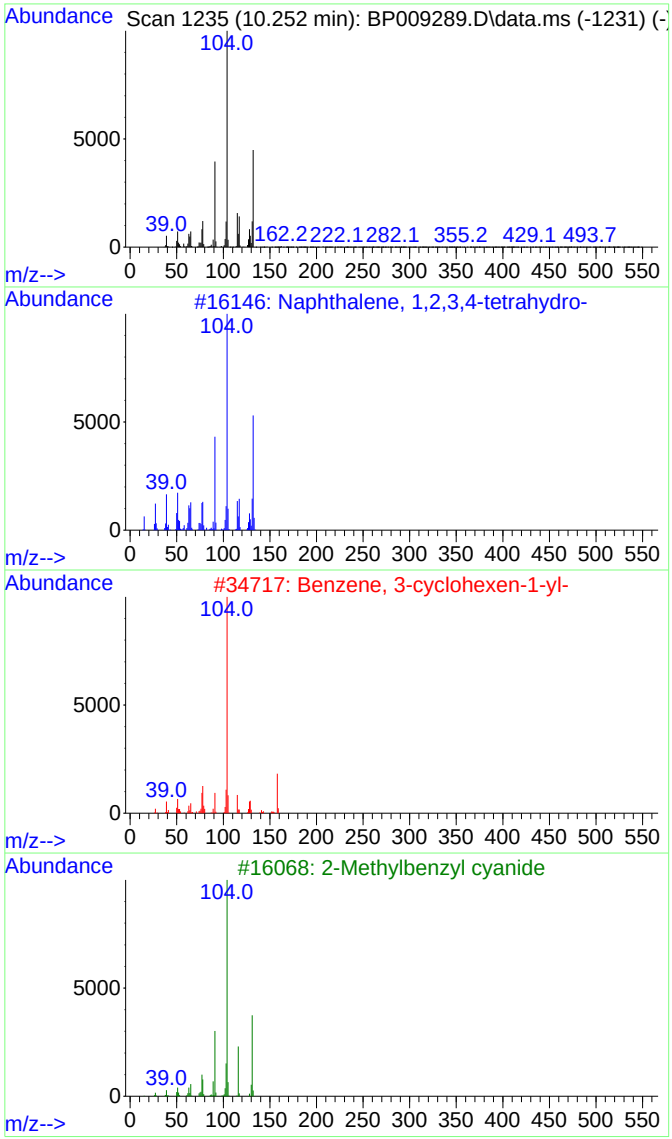
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

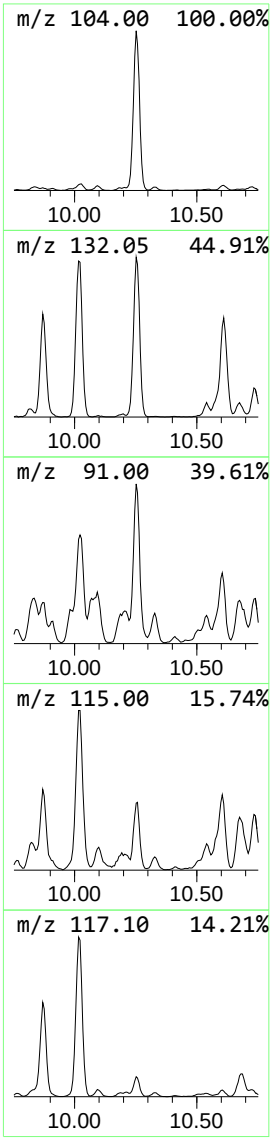
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.252	6.57 ng	1786240	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	50
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
4	Phensuximide	189	C11H11NO2	000086-34-0	38
5	2-Phenylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000463-67-7	38





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Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

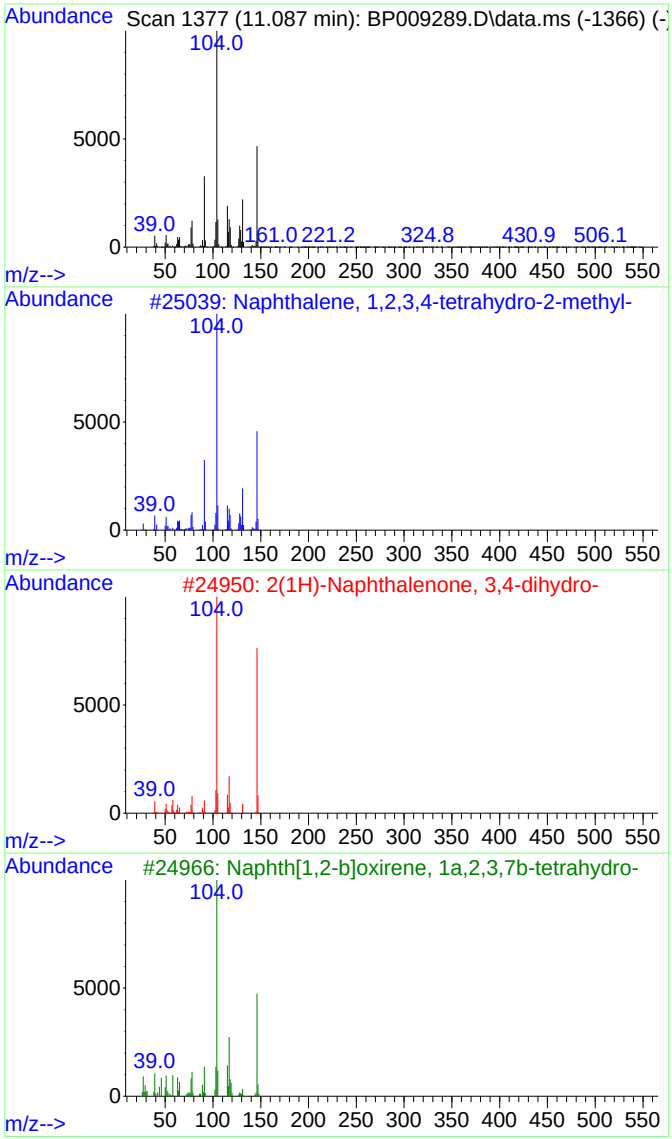
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

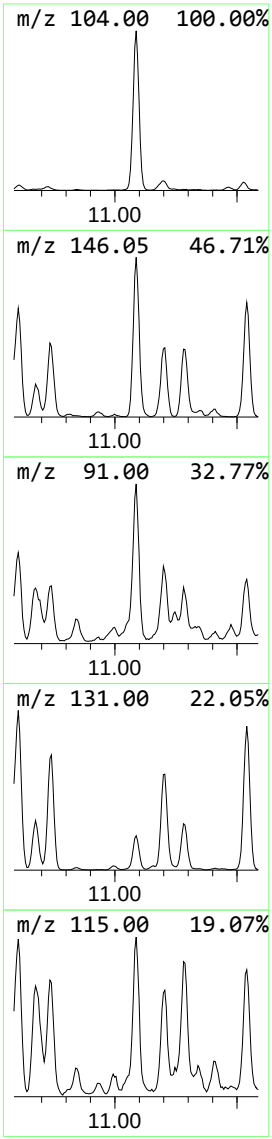
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.087	7.51 ng	2040940	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	Benzenemethanamine, 2-methyl-	121	C8H11N	000089-93-0	35





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

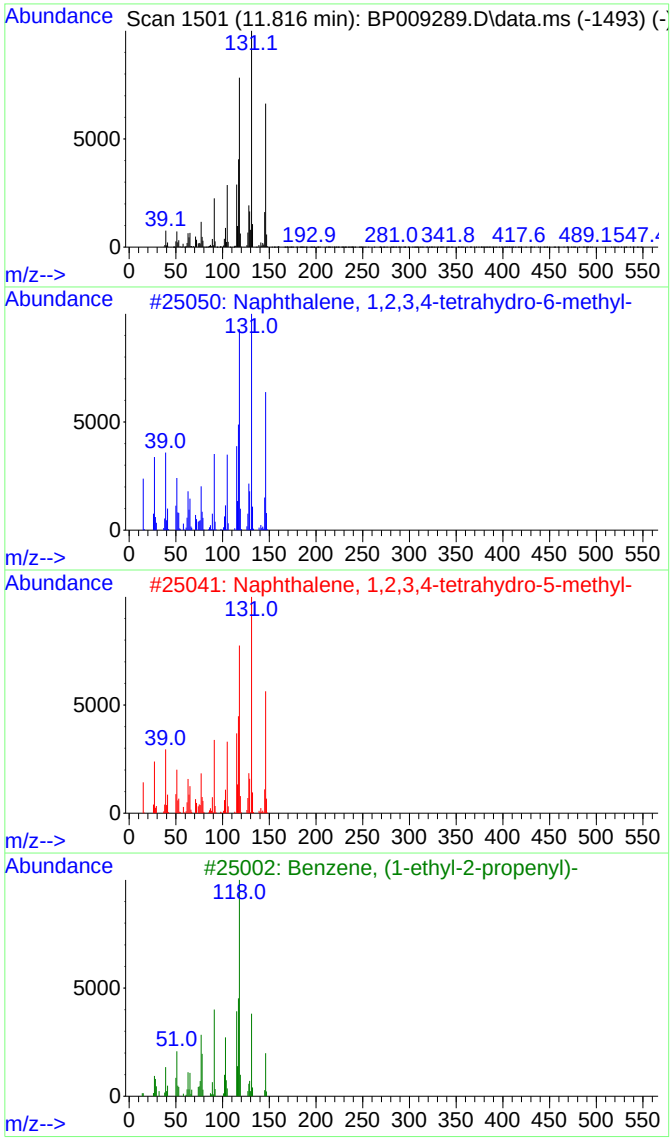
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

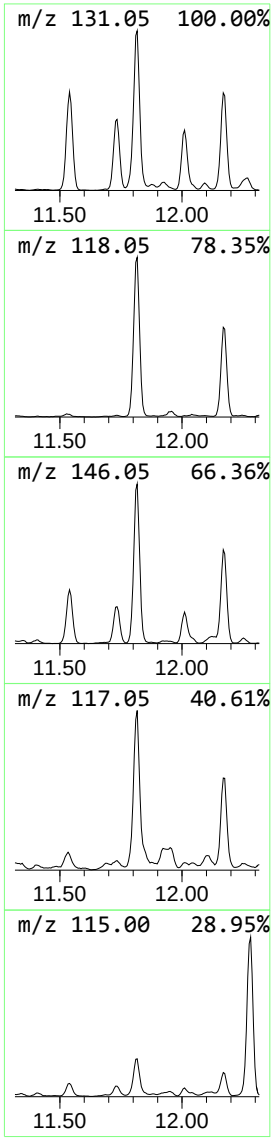
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	14.80 ng	4021120	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





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Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

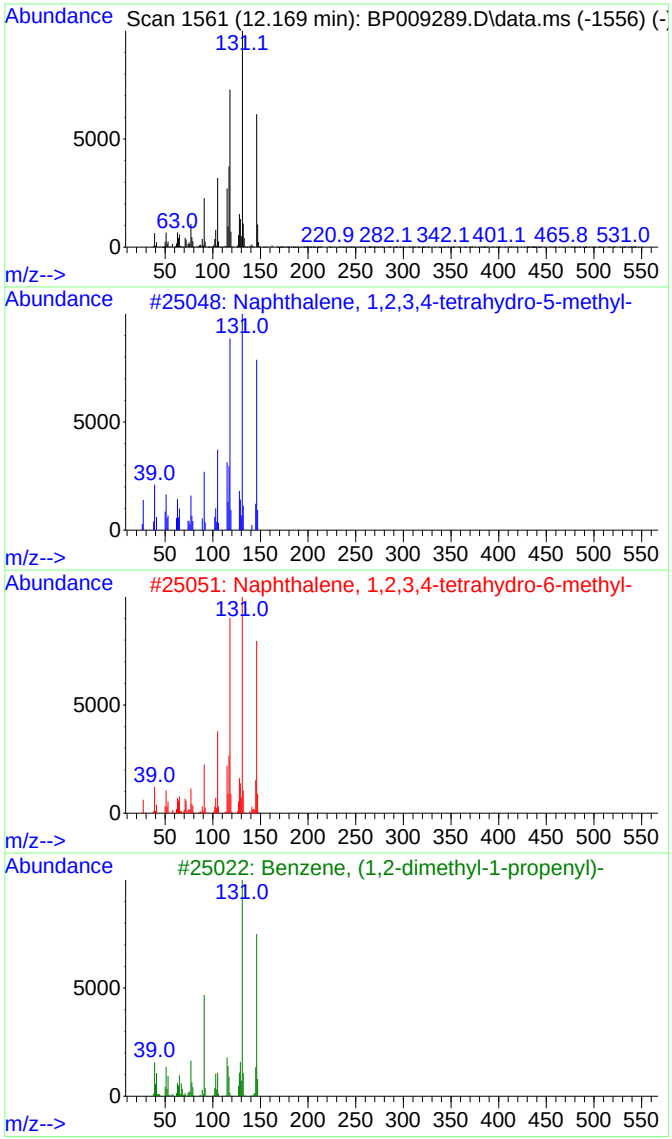
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

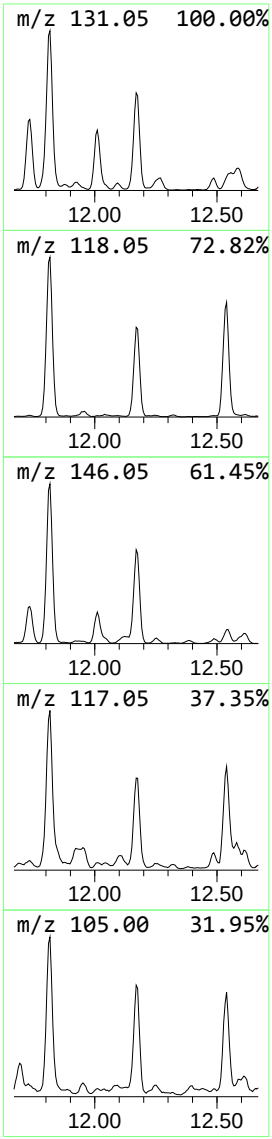
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	8.85 ng	2405010	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





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Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

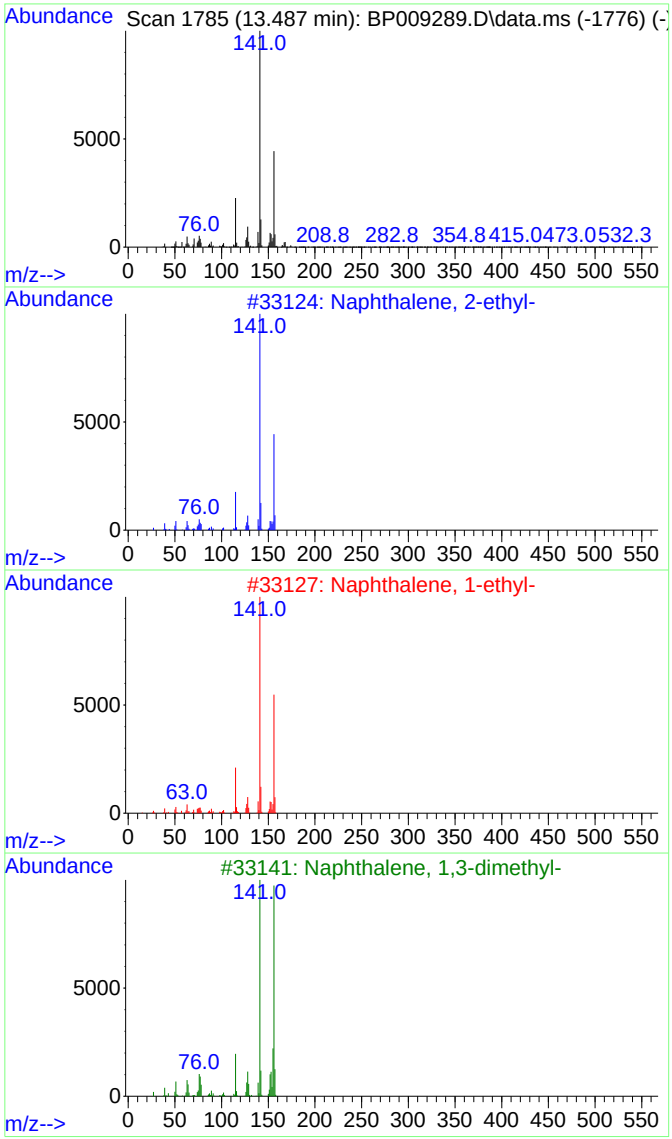
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

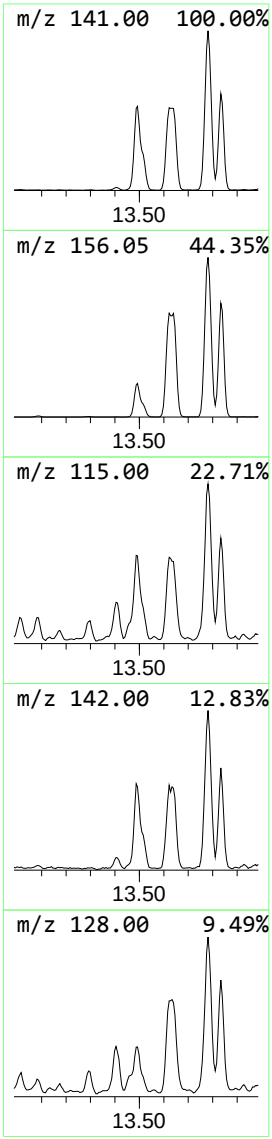
****

Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	8.87 ng	2963120	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





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Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-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

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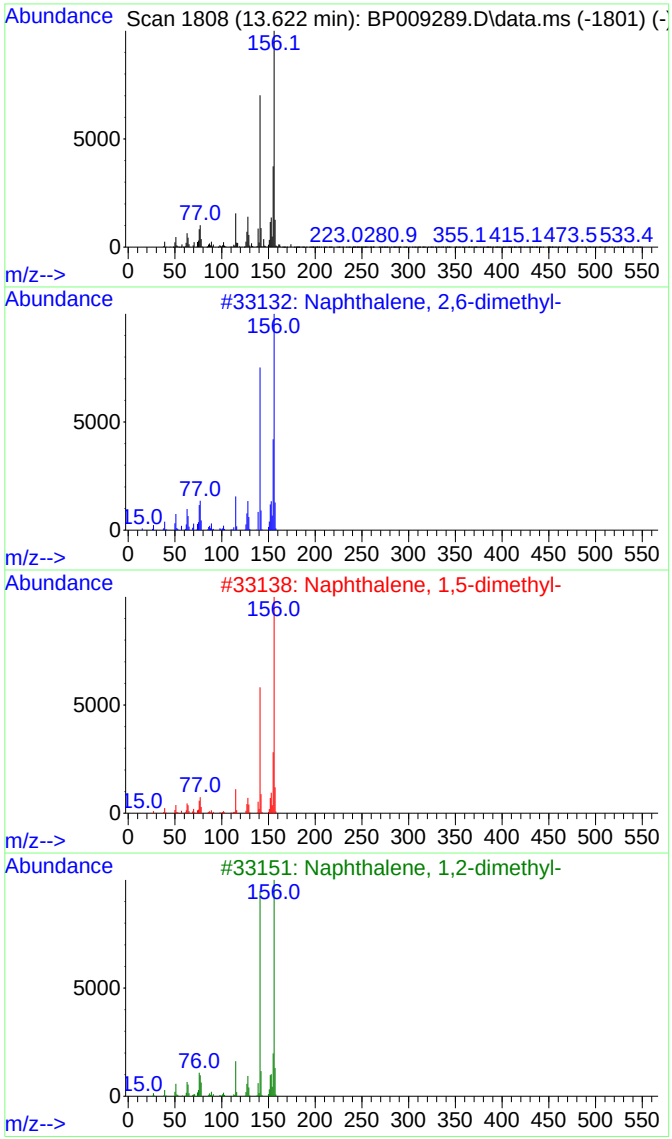
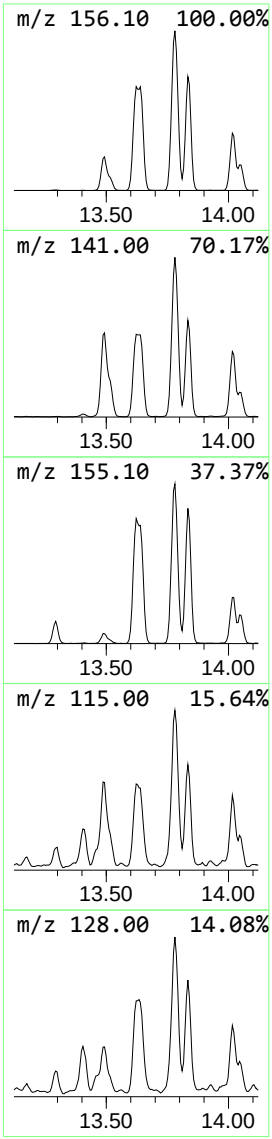
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	10.50 ng	3508060	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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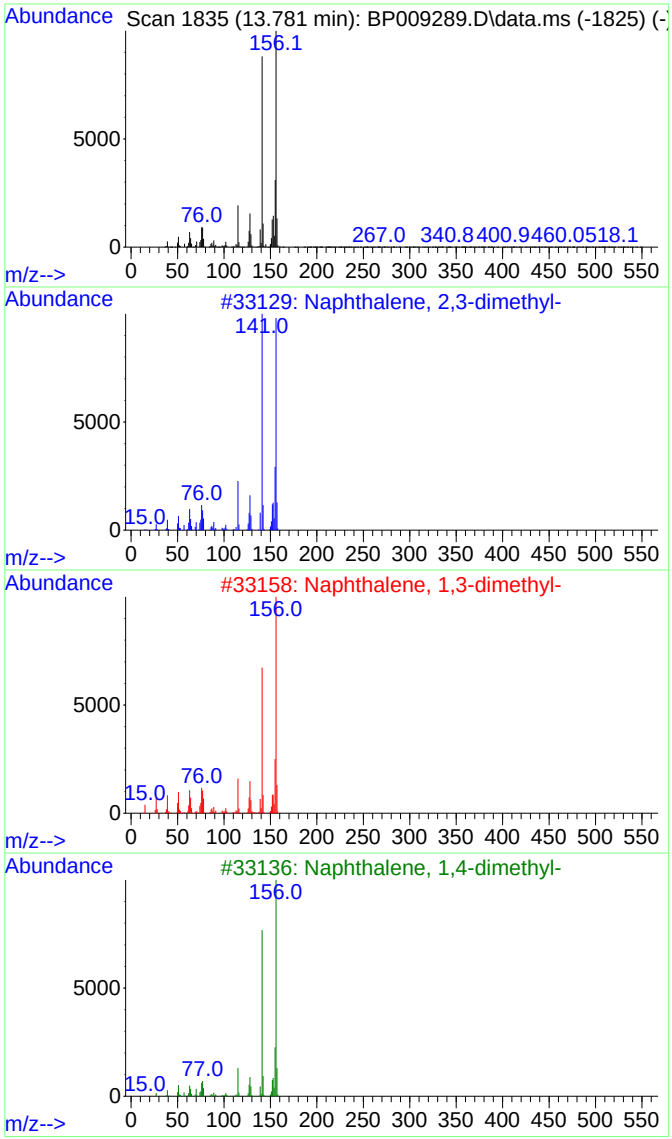
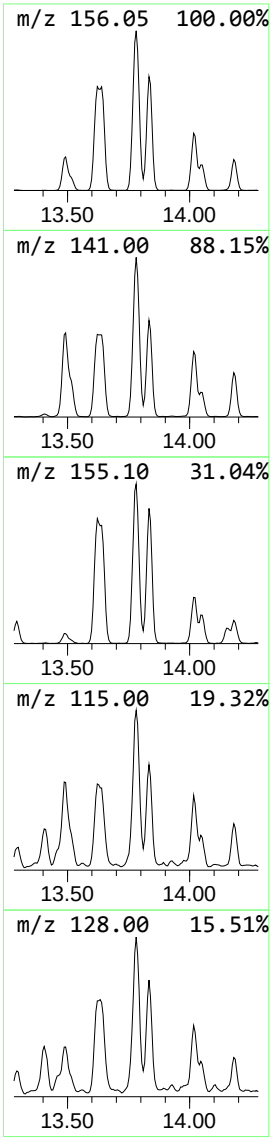
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	19.54 ng	6528520	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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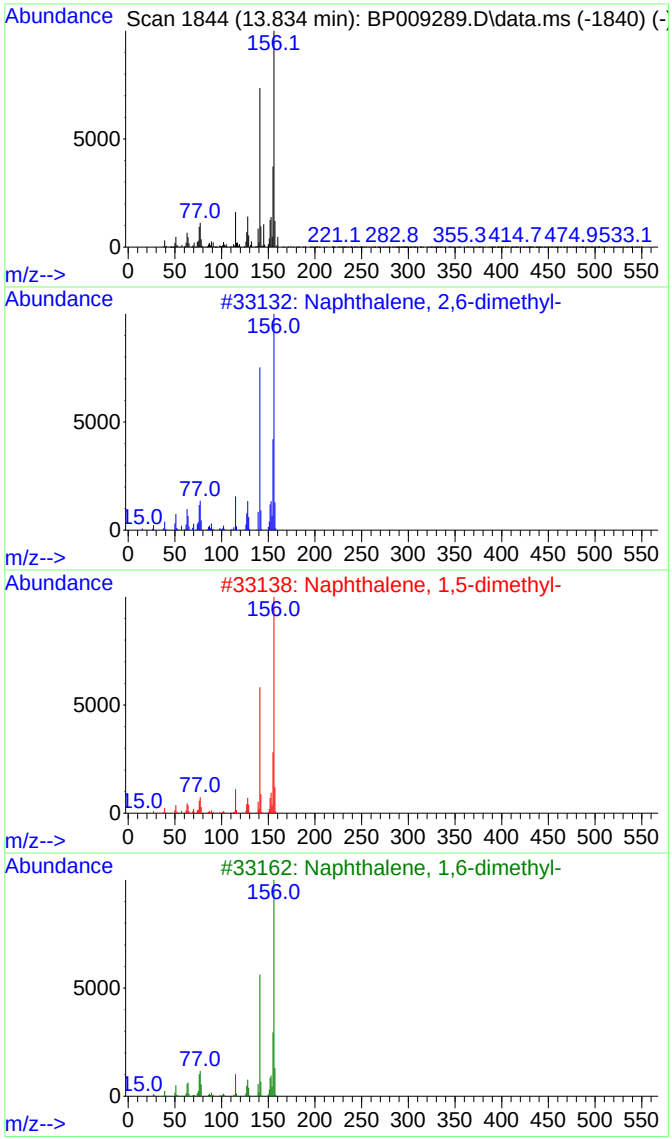
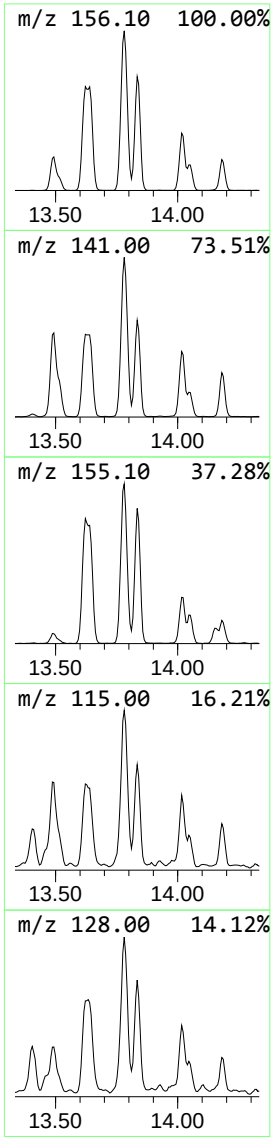
Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	11.90 ng	3976800	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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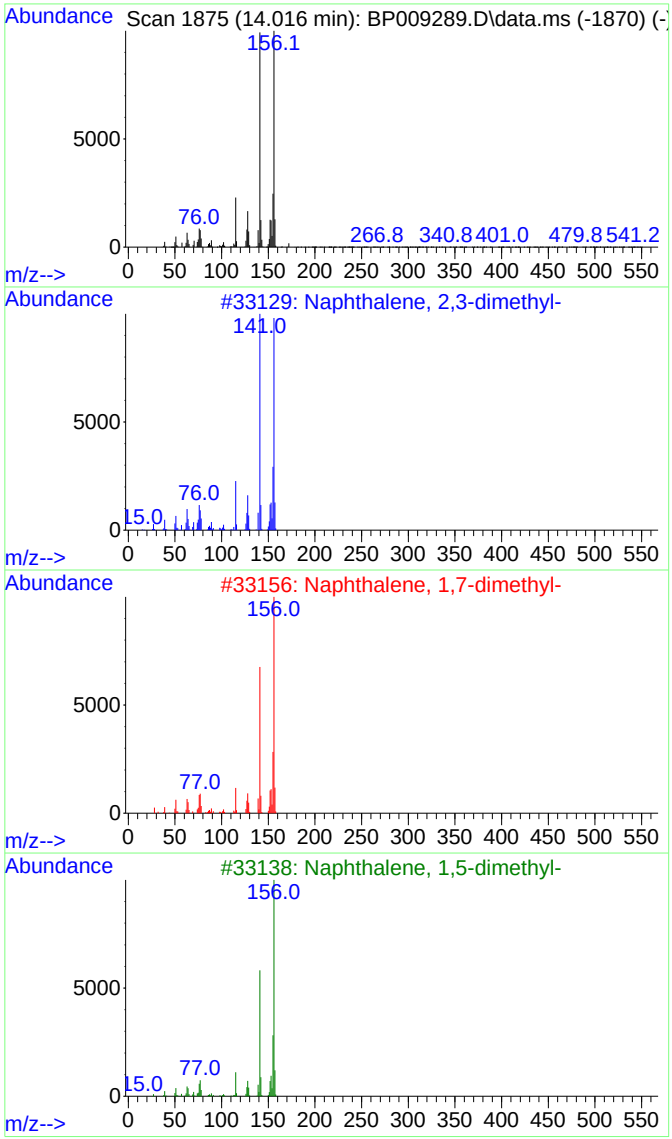
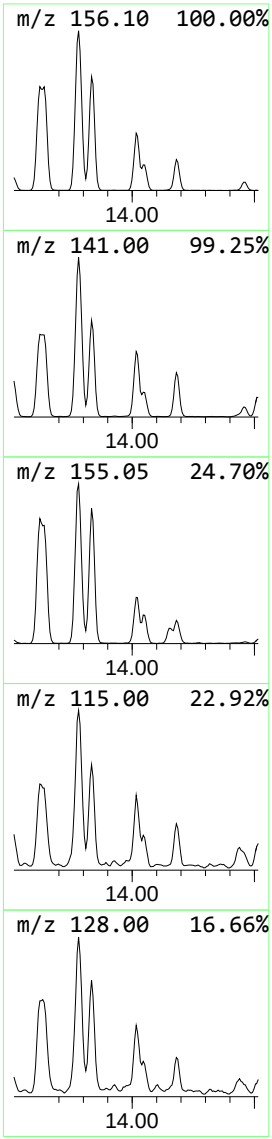
Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.016	6.18 ng	2066460	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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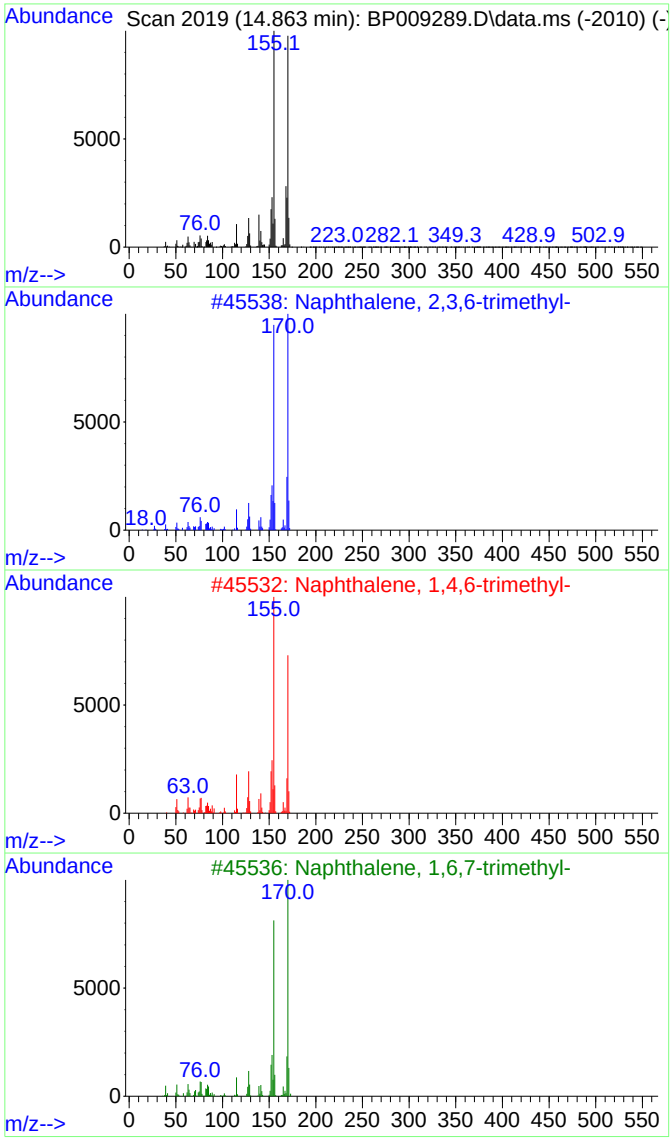
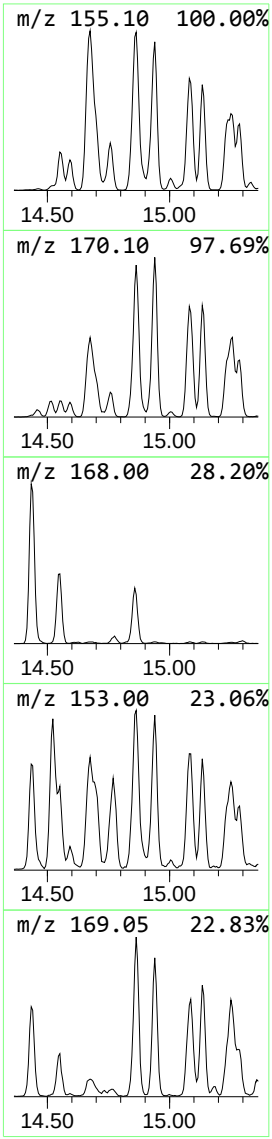
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	7.00 ng	2339050	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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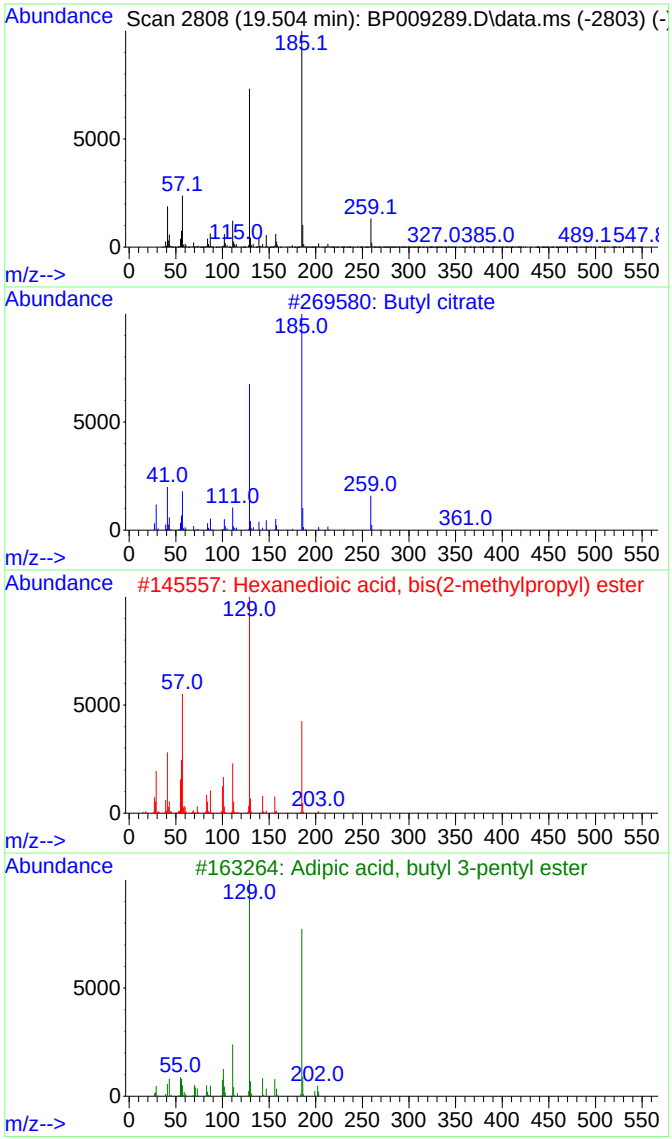
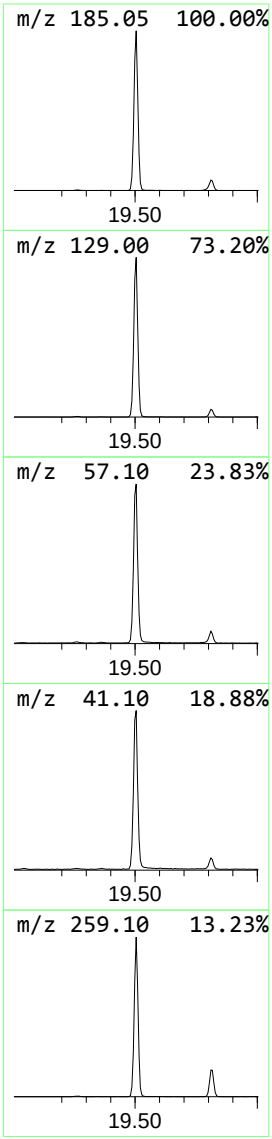
Peak Number 20 Butyl citrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.504	26.89 ng	8472910	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72
3	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	72
4	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	56
5	Resorufin	213	C12H7NO3	000635-78-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
Acq On : 07 Mar 2022 17:18
Operator : CG/JU
Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HP-1-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Butane, 2-metho...	3.075	34.8	ng	5346330	1	7.822	3076210	20.0
Benzene, 1-ethy...	6.922	6.1	ng	931365	1	7.822	3076210	20.0
Benzene, 1,2,3-...	7.475	16.7	ng	2567990	1	7.822	3076210	20.0
Mesitylene	7.940	6.0	ng	920649	1	7.822	3076210	20.0
Benzene, 1-meth...	8.375	7.3	ng	1117030	1	7.822	3076210	20.0
Benzene, 1,2-di...	8.469	13.7	ng	2108540	1	7.822	3076210	20.0
Benzene, 2-ethy...	8.781	6.2	ng	948161	1	7.822	3076210	20.0
o-Cymene	9.187	6.3	ng	961647	1	7.822	3076210	20.0
Benzene, 2-ethe...	10.022	12.8	ng	3469780	2	10.616	5434200	20.0
Naphthalene, 1,...	10.252	6.6	ng	1786240	2	10.616	5434200	20.0
Naphthalene, 1,...	11.087	7.5	ng	2040940	2	10.616	5434200	20.0
Naphthalene, 1,...	11.816	14.8	ng	4021120	2	10.616	5434200	20.0
Naphthalene, 1,...	12.169	8.8	ng	2405010	2	10.616	5434200	20.0
Naphthalene, 2-...	13.487	8.9	ng	2963120	3	14.457	6683550	20.0
Naphthalene, 2,...	13.622	10.5	ng	3508060	3	14.457	6683550	20.0
Naphthalene, 2,...	13.781	19.5	ng	6528520	3	14.457	6683550	20.0
Naphthalene, 1,...	13.834	11.9	ng	3976800	3	14.457	6683550	20.0
Naphthalene, 1,...	14.016	6.2	ng	2066460	3	14.457	6683550	20.0
Naphthalene, 2,...	14.863	7.0	ng	2339050	3	14.457	6683550	20.0
Butyl citrate	19.504	26.9	ng	8472910	5	21.322	6302750	20.0