LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.734	103	110	116	rBV	83430	195850	5.61%	0.298%
2	3.805	116	122	131	rVB	135559	265858	7.62%	0.405%
3	3.917	137	141	151	rVB	79708	133247	3.82%	0.203%
4	5.387	386	391	397	rVV2	65574	154036	4.41%	0.235%
5	5.452	397	402	409	rVV	435867	655101	18.76%	0.998%
6	5.528	409	415	428	rVB3	44884	130438	3.74%	0.199%
7	5.864	464	472	493	rBV	763798	1653850	47.37%	2.520%
8	6.969	654	660	665	rBV	48196	94386	2.70%	0.144%
9	7.052	665	674	681	rVV2	331871	649586	18.61%	0.990%
10	7.305	713	717	723	rVB	115558	183191	5.25%	0.279%
11	7.540	747	757	765	rBV	877318	1923068	55.08%	2.931%
12	7.616	765	770	788	rVB	465217	898874	25.75%	1.370%
13	7.875	807	814	824	rVB	700180	1087353	31.15%	1.657%
14	8.416	899	906	919	rVB	590120	1072583	30.72%	1.634%
15	8.910	981	990	996	rVB2	131676	256257	7.34%	0.391%
16	8.981	996	1002	1006	rBV	133754	239662	6.86%	0.365%
17	9.040	1006	1012	1015	rVV	200537	382265	10.95%	0.583%
18	9.069	1015	1017	1024	rVB	126761	159678	4.57%	0.243%
19	9.152	1024	1031	1041	rBV	358239	910042	26.07%	1.387%
20	9.258	1043	1049	1055	rVB	321477	515405	14.76%	0.785%
21	9.575	1097	1103	1109	rBV	92958	152579	4.37%	0.233%
22	9.652	1109	1116	1119	rBV	382902	662222	18.97%	1.009%
23	9.699	1119	1124	1133	rVB	1073653	1799365	51.54%	2.742%
24	10.105	1183	1193	1200	rBV	485588	1033603	29.61%	1.575%
25	10.175	1200	1205	1208	rVV	210286	342299	9.80%	0.522%
26	10.216	1208	1212	1218	rVB	675557	1066399	30.55%	1.625%
27	10.381	1231	1240	1249	rVB4	95773	257265	7.37%	0.392%
28	10.475	1249	1256	1261	rBV2	80573	161231	4.62%	0.246%
29	10.675	1283	1290	1296	rBV	910034	1530873	43.85%	2.333%
30	10.734	1296	1300	1305	rVV	69230	120717	3.46%	0.184%
31	10.957	1331	1338	1343	rBV	111874	192255	5.51%	0.293%
32	11.063	1351	1356	1366	rVB3	54777	114707	3.29%	0.175%
33	11.187	1366	1377	1386	rBV	1060855	1903197	54.52%	2.900%
34	11.328	1394	1401	1416	rBV	1267846	2124586	60.86%	3.238%
35	11.616	1442	1450	1456	rVB2	84985	163535	4.68%	0.249%
36	11.722	1457	1468	1470	rBV2	72080	178484	5.11%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
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Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.757	1470	1474	1488	rVB	224728	430844	12.34%	0.657%
38	11.875	1488	1494	1499	rBV	241508	400898	11.48%	0.611%
39	11.975	1506	1511	1518	rBV4	53726	162869	4.67%	0.248%
40	12.234	1552	1555	1562	rVB	90000	147239	4.22%	0.224%
41	12.322	1562	1570	1574	rBV	459778	825882	23.66%	1.259%
42	12.487	1592	1598	1604	rBV	461385	669200	19.17%	1.020%
43	12.575	1606	1613	1618	rVV	256011	398294	11.41%	0.607%
44	12.634	1618	1623	1629	rVB	78041	113981	3.26%	0.174%
45	12.728	1634	1639	1643	rVV	357760	531776	15.23%	0.810%
46	12.769	1643	1646	1655	rVB	134341	224253	6.42%	0.342%
47	12.881	1660	1665	1672	rVV	148283	250437	7.17%	0.382%
48	12.969	1674	1680	1689	rVV	573569	906096	25.95%	1.381%
49	13.075	1690	1698	1703	rVV2	129187	299729	8.59%	0.457%
50	13.134	1703	1708	1718	rVB3	785467	1297721	37.17%	1.978%
51	13.393	1747	1752	1759	rBV2	343184	792033	22.69%	1.207%
52	13.457	1759	1763	1769	rVB	204762	336290	9.63%	0.512%
53	13.575	1779	1783	1789	rVB	143199	227632	6.52%	0.347%
54	13.640	1789	1794	1799	rBV	162060	252097	7.22%	0.384%
55	13.746	1807	1812	1817	rBV2	245147	401091	11.49%	0.611%
56	13.834	1823	1827	1834	rBV	144065	233735	6.70%	0.356%
57	13.940	1839	1845	1846	rVV3	126146	206307	5.91%	0.314%
58	13.963	1846	1849	1858	rVV	208724	362726	10.39%	0.553%
59	14.045	1859	1863	1869	rVV2	94867	201731	5.78%	0.307%
60	14.116	1869	1875	1880	rVB3	109311	234214	6.71%	0.357%
61	14.234	1889	1895	1903	rBV	446364	760274	21.78%	1.159%
62	14.345	1910	1914	1919	rVB	120787	171650	4.92%	0.262%
63	14.404	1919	1924	1929	rBV	192665	366704	10.50%	0.559%
64	14.457	1929	1933	1937	rVV	111056	231354	6.63%	0.353%
65	14.510	1937	1942	1949	rVV	1447762	2206637	63.21%	3.363%
66	14.575	1950	1953	1960	rVB3	165031	275847	7.90%	0.420%
67	15.334	2079	2082	2086	rVB2	82988	109569	3.14%	0.167%
68	16.004	2191	2196	2204	rVB	456198	679809	19.47%	1.036%
69	16.239	2232	2236	2247	rVB7	106684	234147	6.71%	0.357%
70	16.422	2263	2267	2271	rVB	159117	204441	5.86%	0.312%
71	17.134	2384	2388	2397	rVB	450239	624399	17.89%	0.952%
72	17.263	2404	2410	2414	rBV	1735336	2426274	69.50%	3.697%
73	17.304	2414	2417	2421	rVB	258842	321108	9.20%	0.489%
74	17.392	2429	2432	2437	rVB	149957	203567	5.83%	0.310%
75	17.475	2441	2446	2453	rVB	562020	799786	22.91%	1.219%
76	17.675	2476	2480	2486	rBV	743469	1009952	28.93%	1.539%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.781	2494	2498	2503	rVB	303976	397223	11.38%	0.605%
78	17.881	2511	2515	2520	rVB	417419	552352	15.82%	0.842%
79	17.963	2525	2529	2538	rVB	827263	1094027	31.34%	1.667%
80	18.139	2552	2559	2563	rBV2	842688	1596568	45.73%	2.433%
81	18.175	2563	2565	2569	rVB	373134	428355	12.27%	0.653%
82	18.222	2569	2573	2577	rBV2	225898	386160	11.06%	0.588%
83	18.322	2585	2590	2592	rBV4	242958	432667	12.39%	0.659%
84	18.345	2592	2594	2600	rVV3	374079	708241	20.29%	1.079%
85	18.404	2600	2604	2611	rVB	517088	643166	18.42%	0.980%
86	18.486	2614	2618	2621	rBV2	179603	245920	7.04%	0.375%
87	18.557	2626	2630	2634	rBV2	614243	959997	27.50%	1.463%
88	18.704	2652	2655	2658	rBV2	248553	356132	10.20%	0.543%
89	18.763	2662	2665	2668	rVB2	339292	438237	12.55%	0.668%
90	18.904	2684	2689	2697	rVB4	289682	604342	17.31%	0.921%
91	18.981	2698	2702	2704	rBV	300728	409168	11.72%	0.624%
92	19.139	2726	2729	2732	rBV	294622	366901	10.51%	0.559%
93	19.269	2747	2751	2755	rBV	1056703	1411359	40.43%	2.151%
94	19.445	2779	2781	2787	rVB2	223415	271879	7.79%	0.414%
95	19.622	2807	2811	2819	rVB	1372401	2135069	61.16%	3.254%
96	19.816	2840	2844	2848	rVB	1106662	1288083	36.90%	1.963%
97	20.204	2907	2910	2914	rVB	211475	253789	7.27%	0.387%
98	21.351	3099	3105	3108	rBV2	2248129	3491094	100.00%	5.320%
99	21.386	3108	3111	3115	rVB	555285	661540	18.95%	1.008%
100	23.763	3509	3515	3521	rVB2	1316484	2593308	74.28%	3.952%

Sum of corrected areas: 65622217

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
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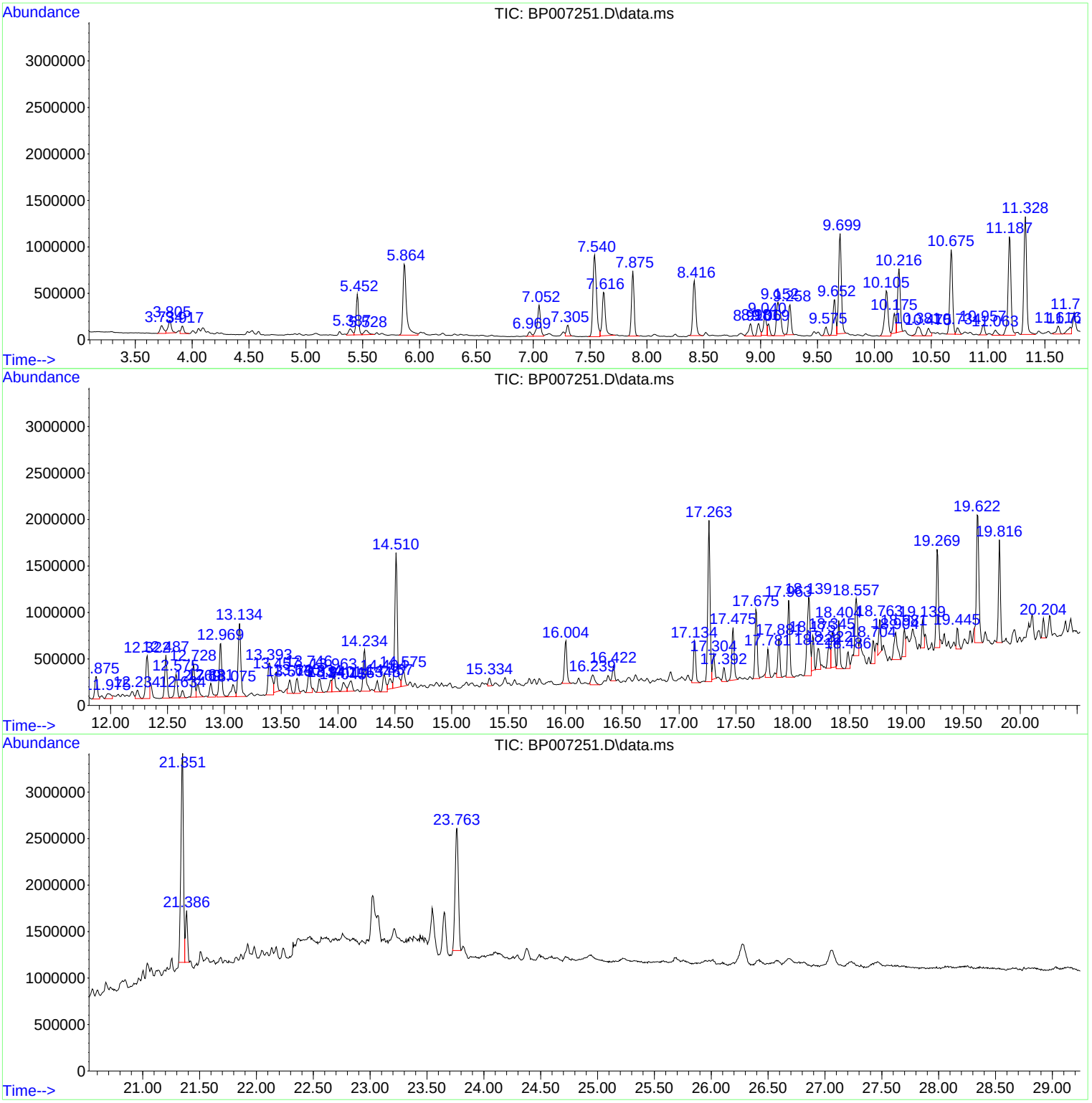
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
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Misc :
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Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

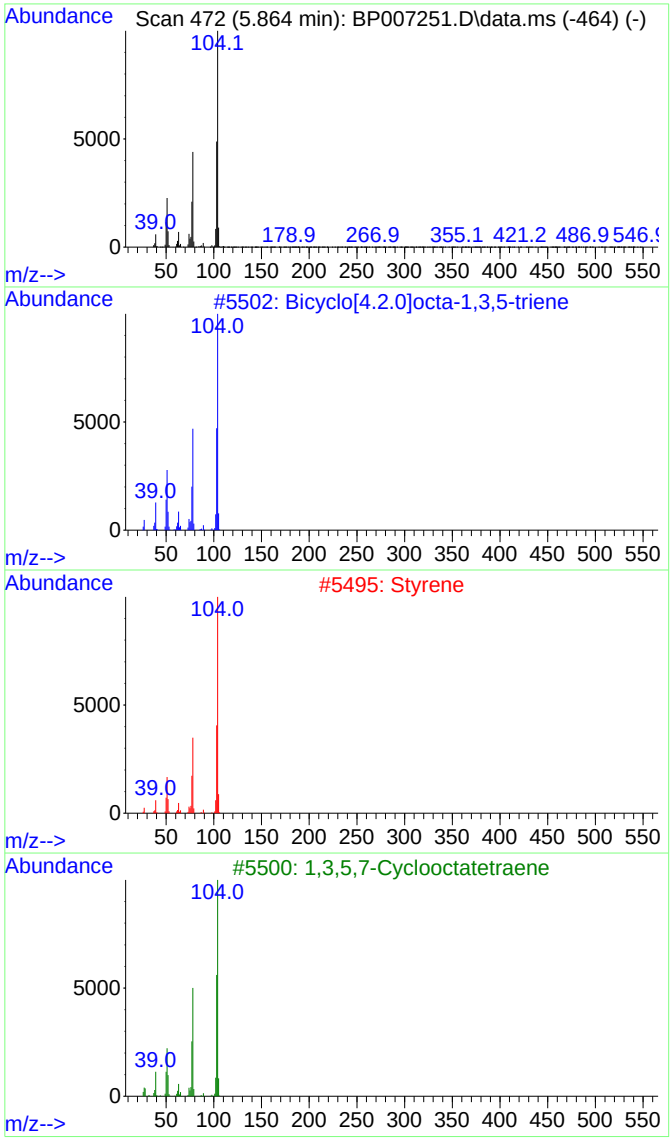
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

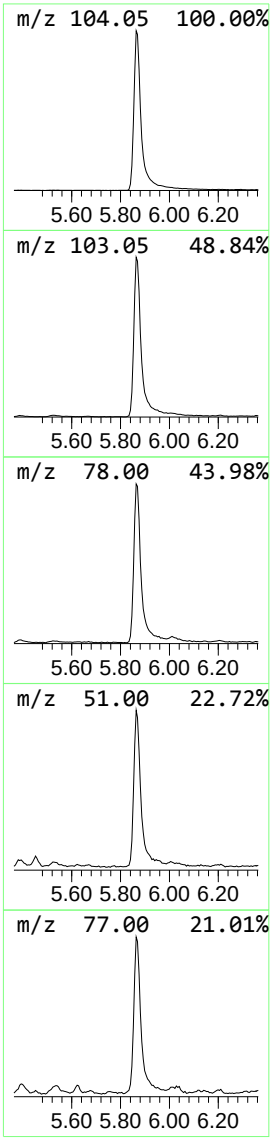
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.864	30.42 ng	1653850	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	97
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
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Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

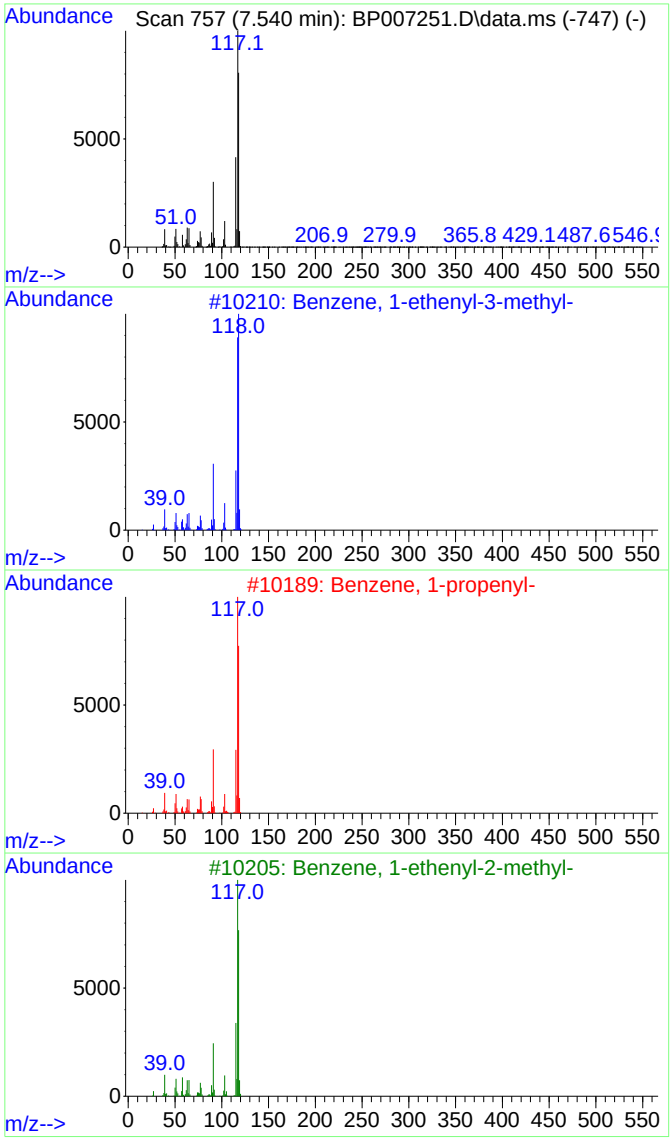
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

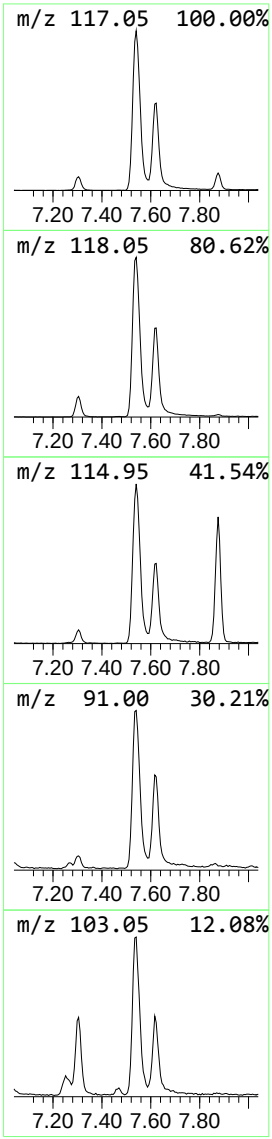
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.540	35.37 ng	1923070	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
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Sample : M3971-04 5X
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Instrument : BNA_P
ClientSampleId : RO-COMP-2

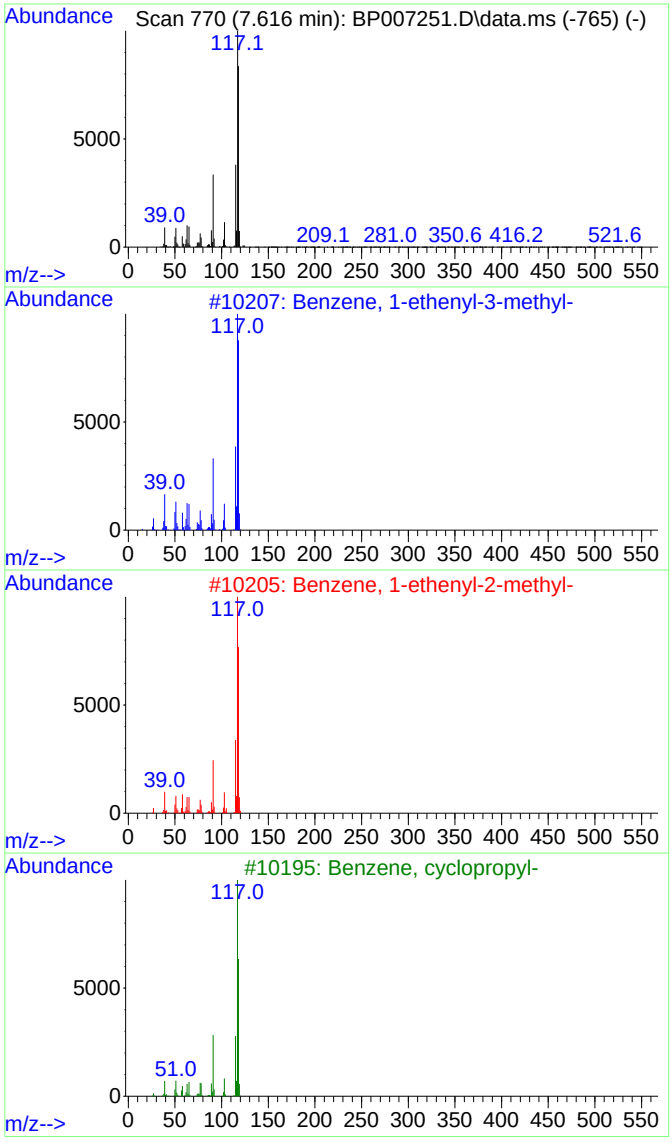
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

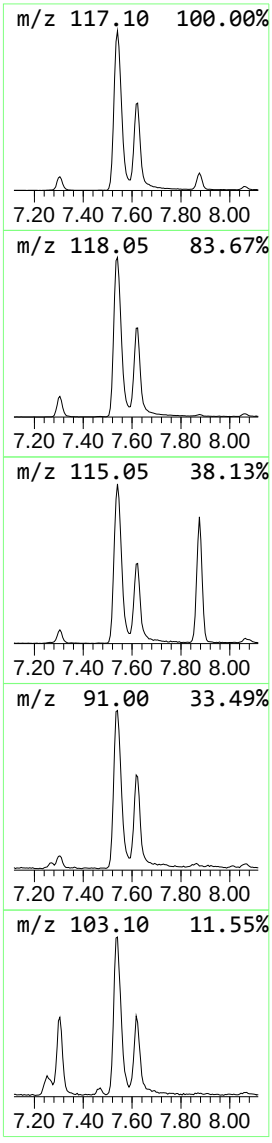
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	16.53 ng	898874	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

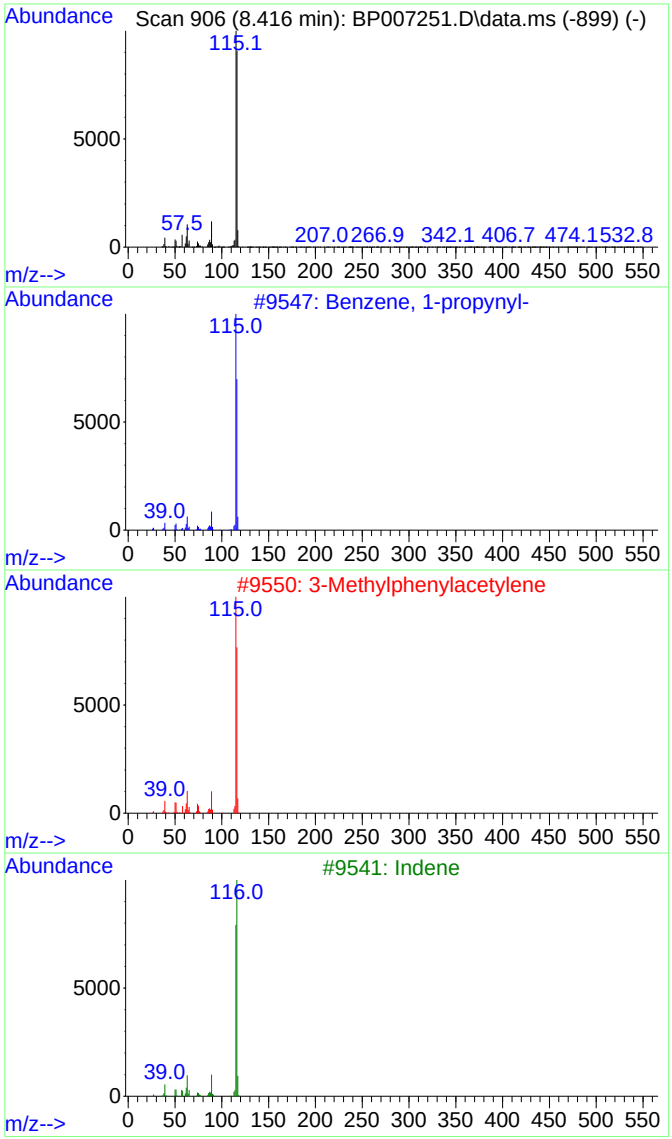
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

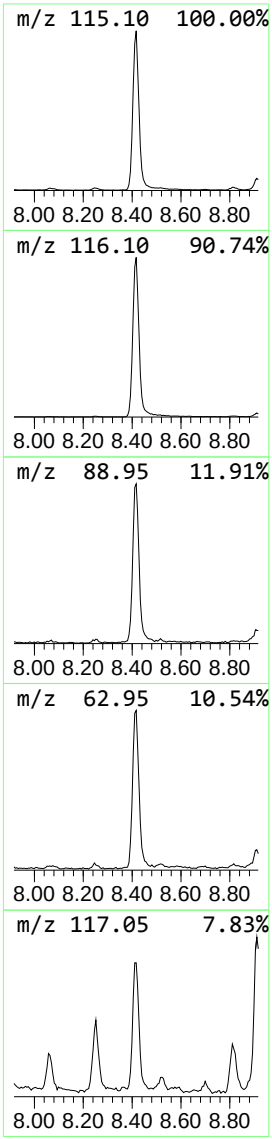
****

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	19.73 ng	1072580	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	93
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

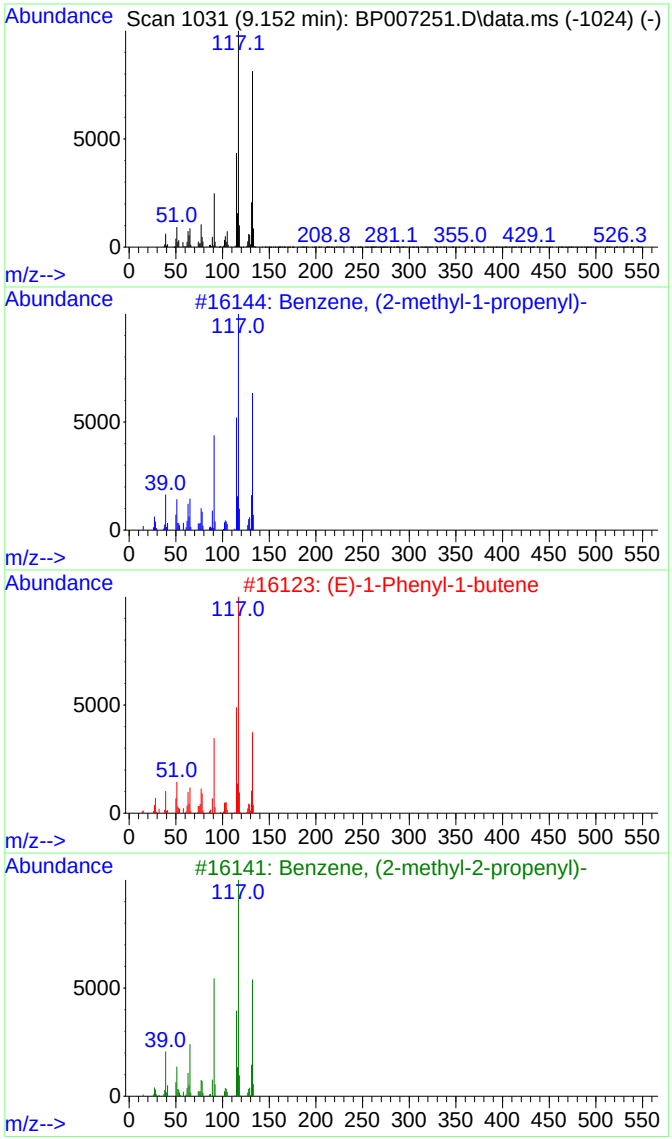
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

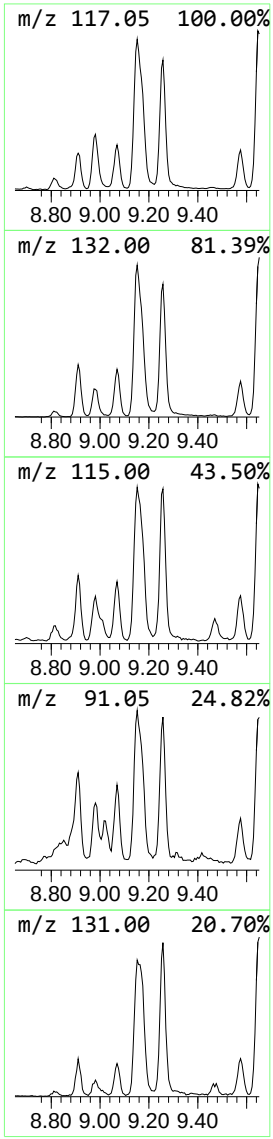
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.152	16.74 ng	910042	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

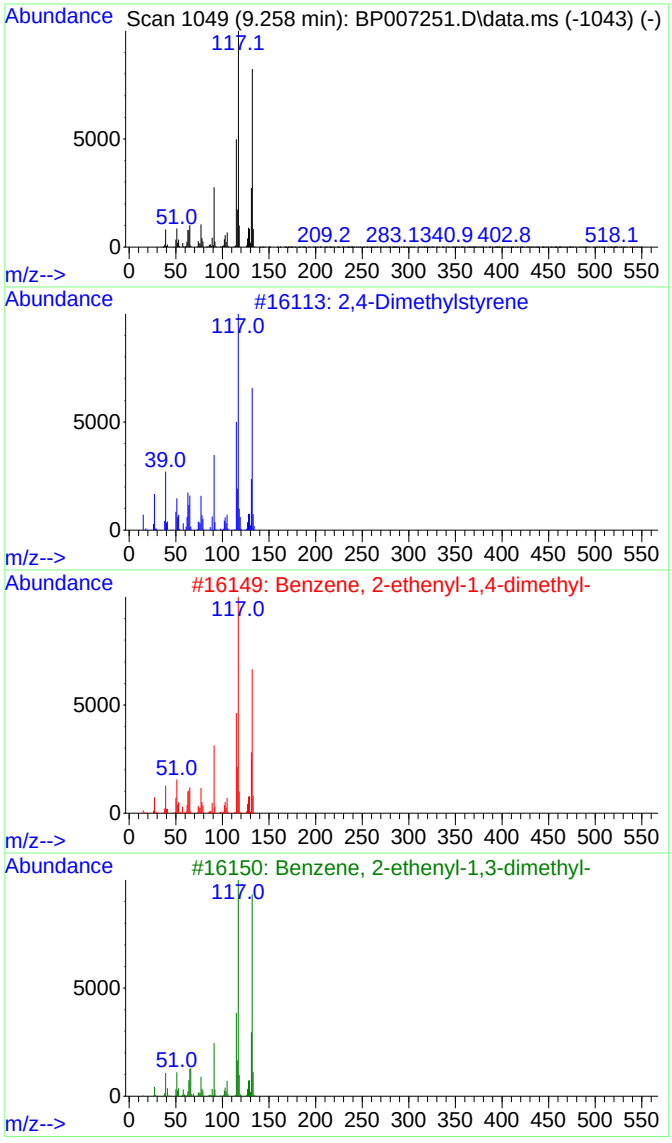
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

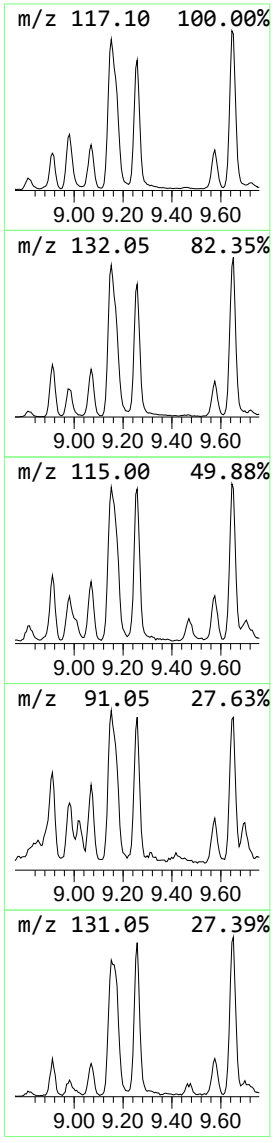
****

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.258	9.48 ng	515405	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

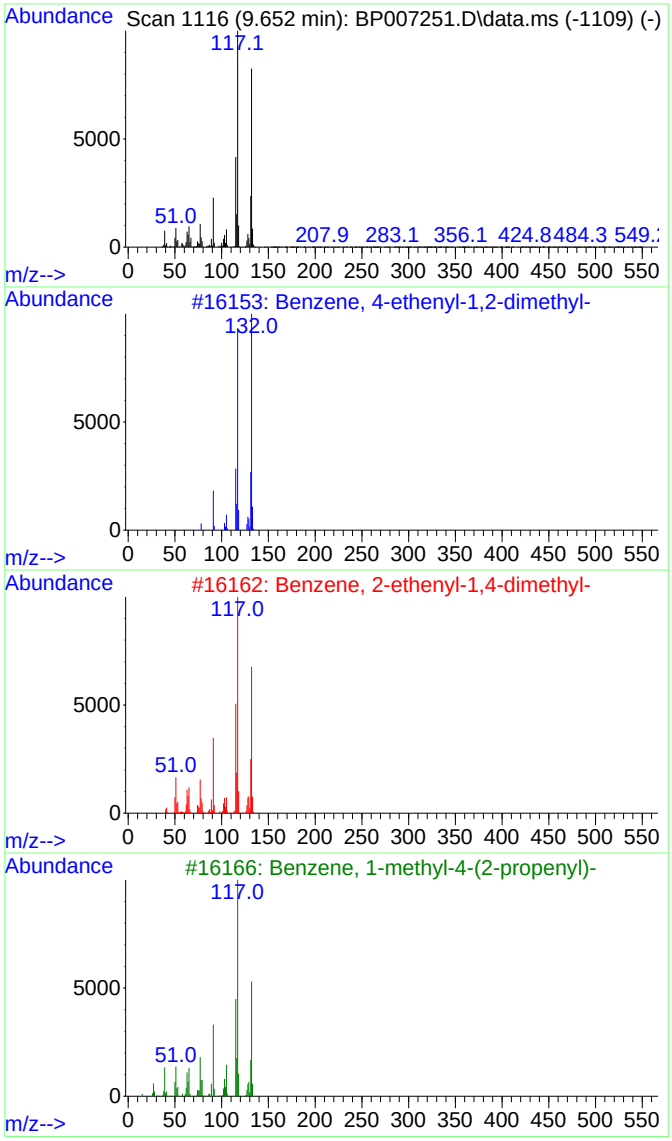
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

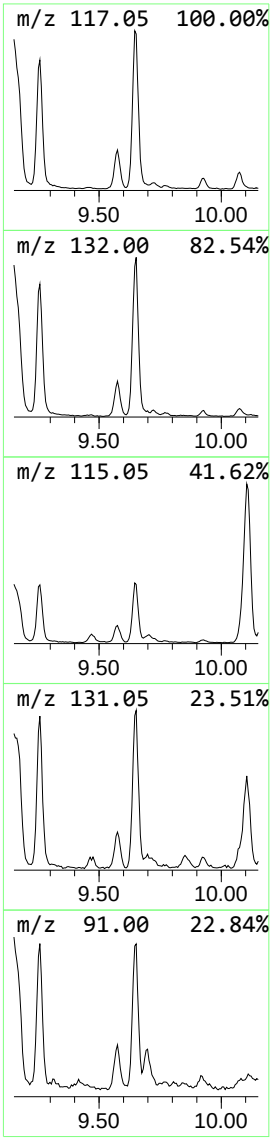
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.652	8.65 ng	662222	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94





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Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

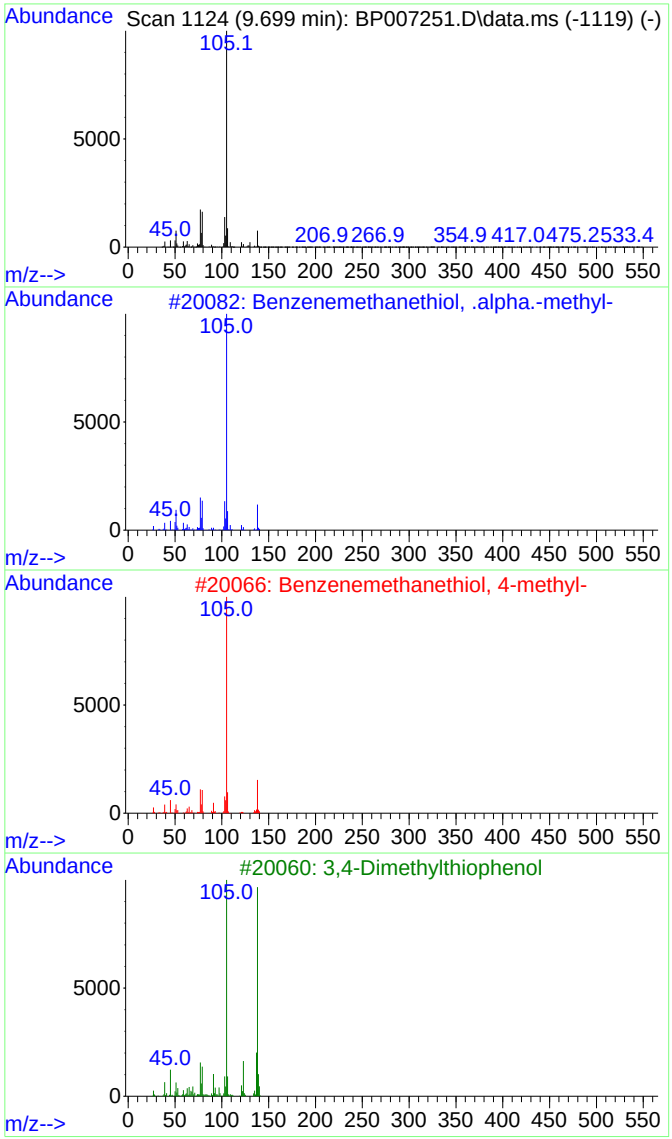
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

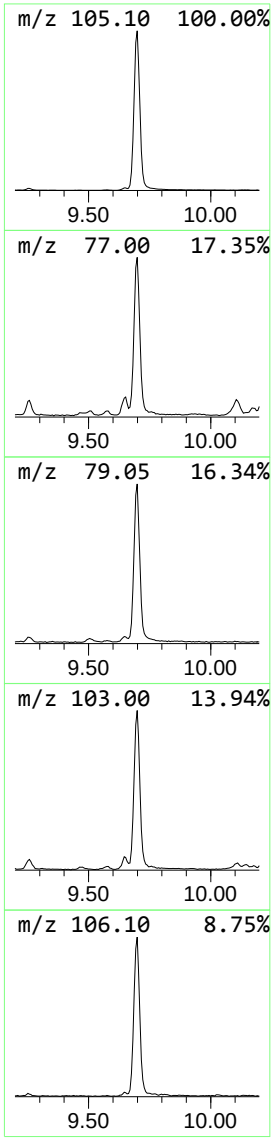
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenemethanethiol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.699	23.51 ng	1799370	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72
5	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64





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Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

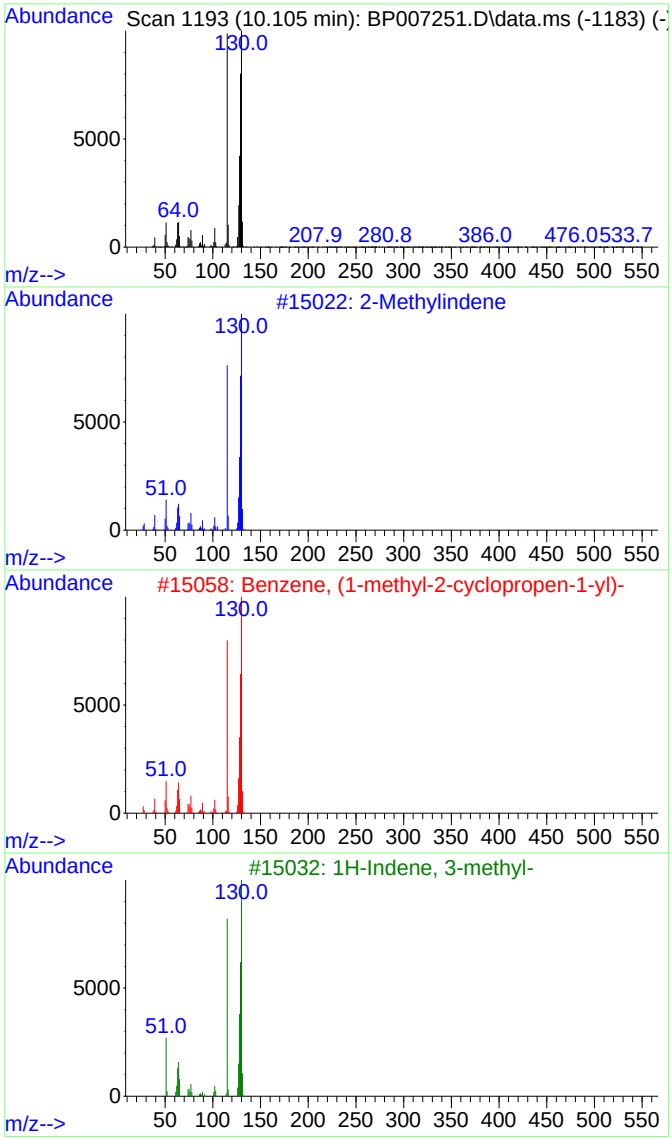
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

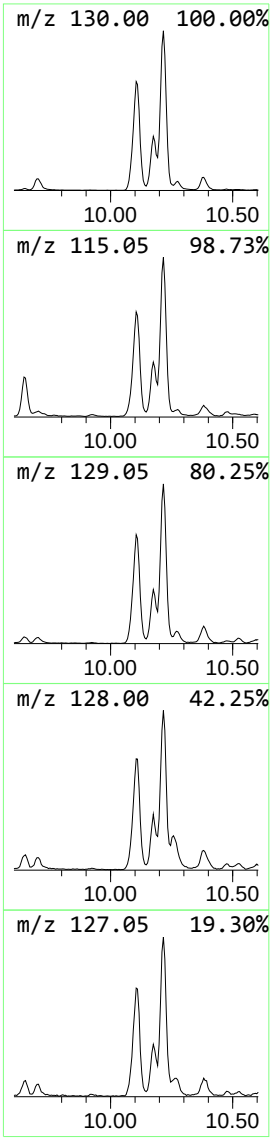
****

Peak Number 9 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.105	13.50 ng	1033600	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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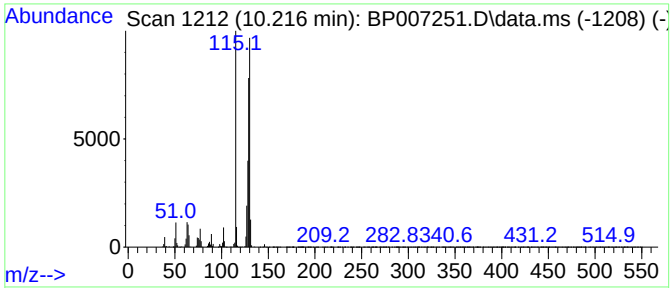
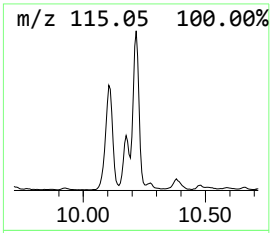
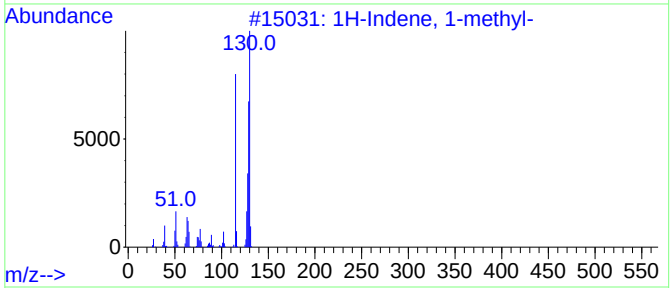
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 9

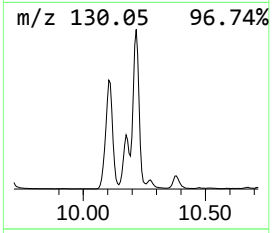
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	13.93 ng	1066400	Naphthalene-d8	10.675

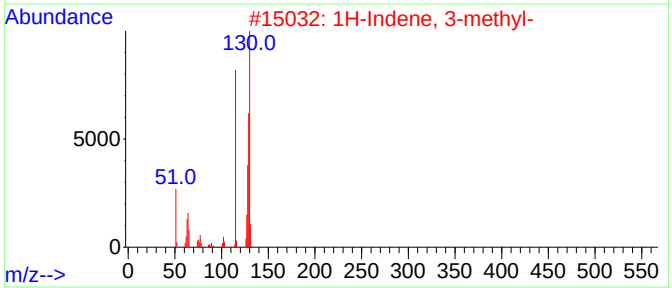
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	2-Methylindene	130	C10H10	002177-47-1	93

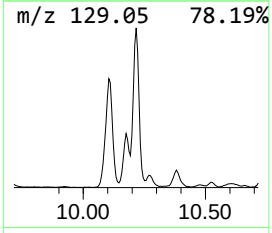


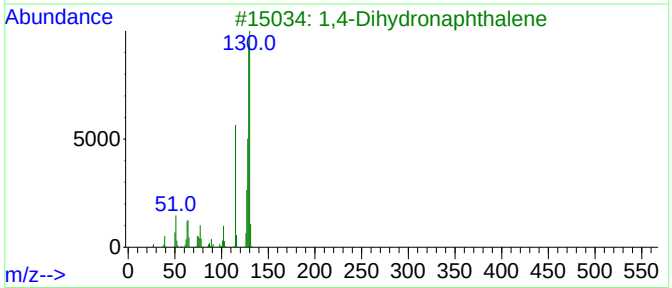


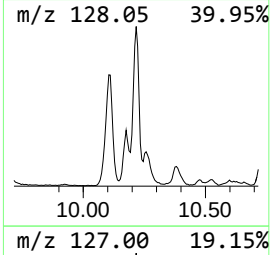


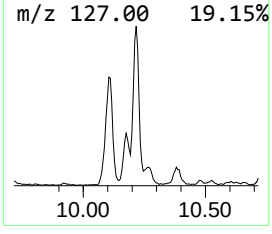












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Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

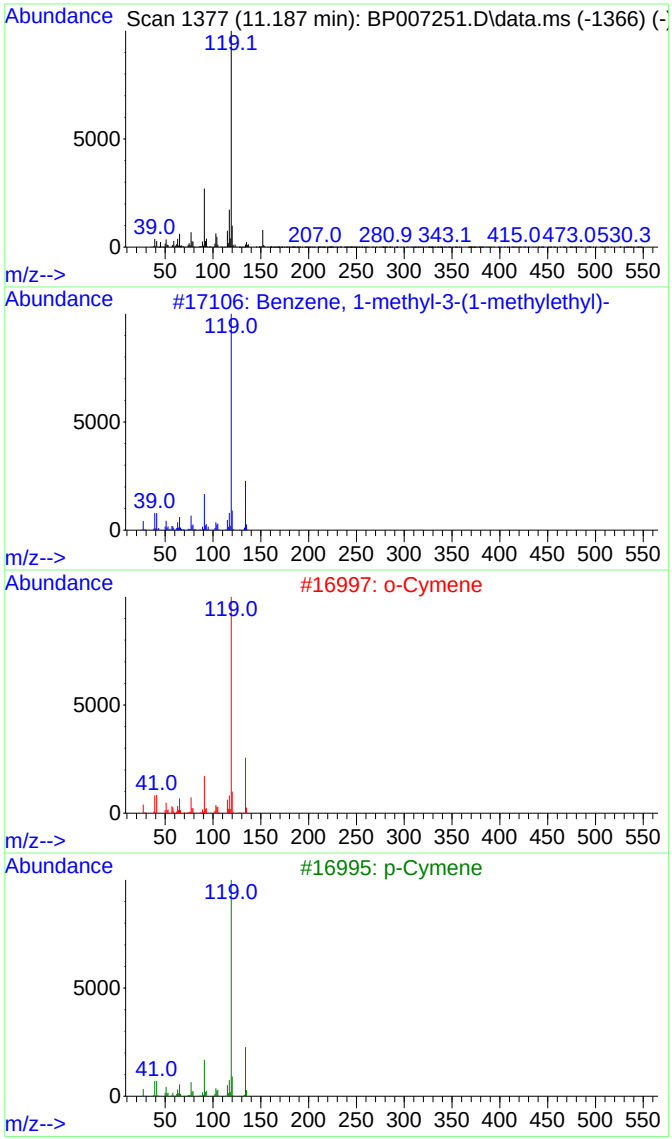
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

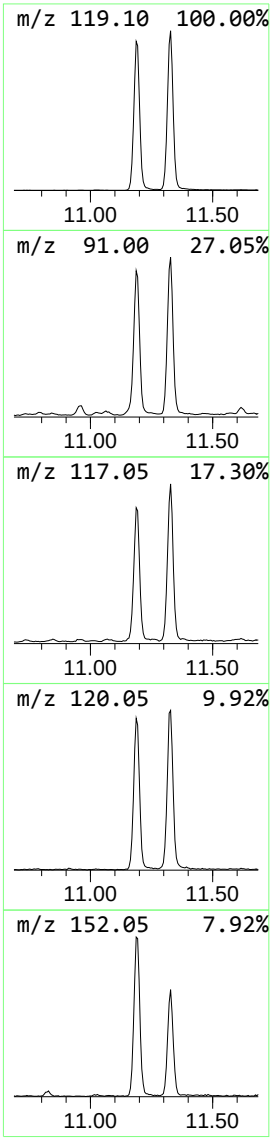
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	24.86 ng	1903200	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





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Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

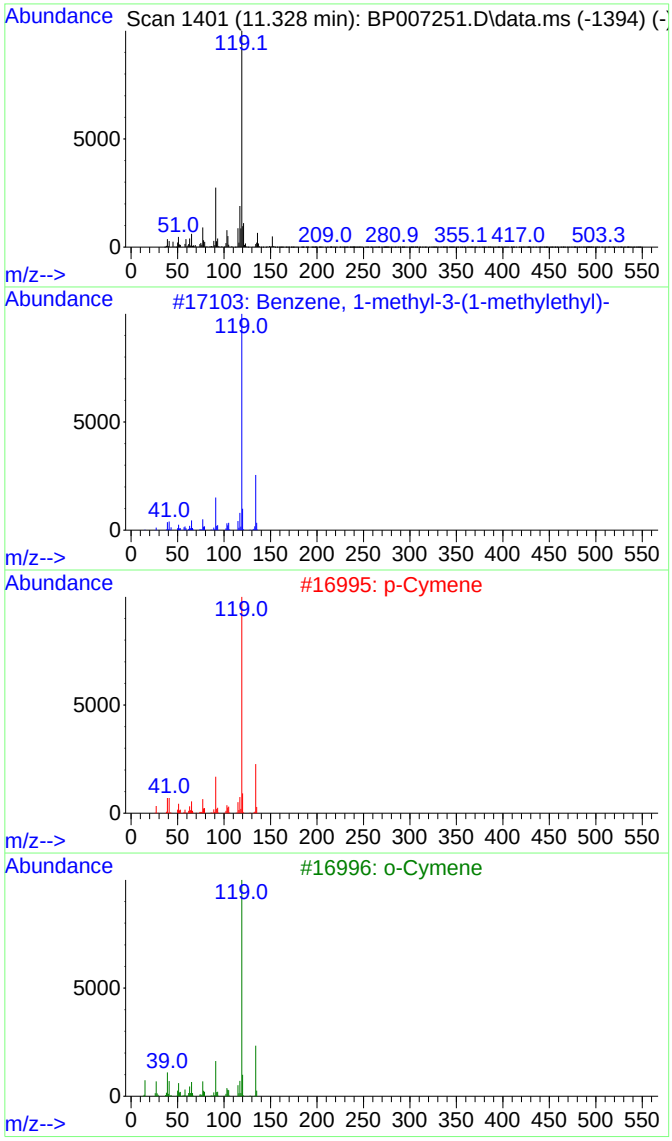
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

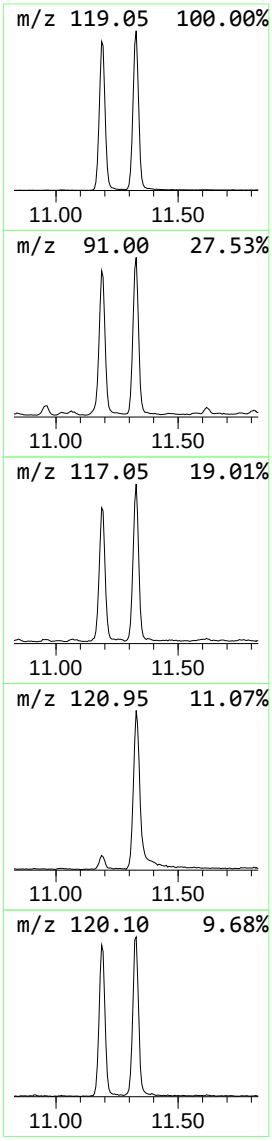
****

Peak Number 12 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	27.76 ng	2124590	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	p-Cymene	134	C10H14	000099-87-6	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64





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Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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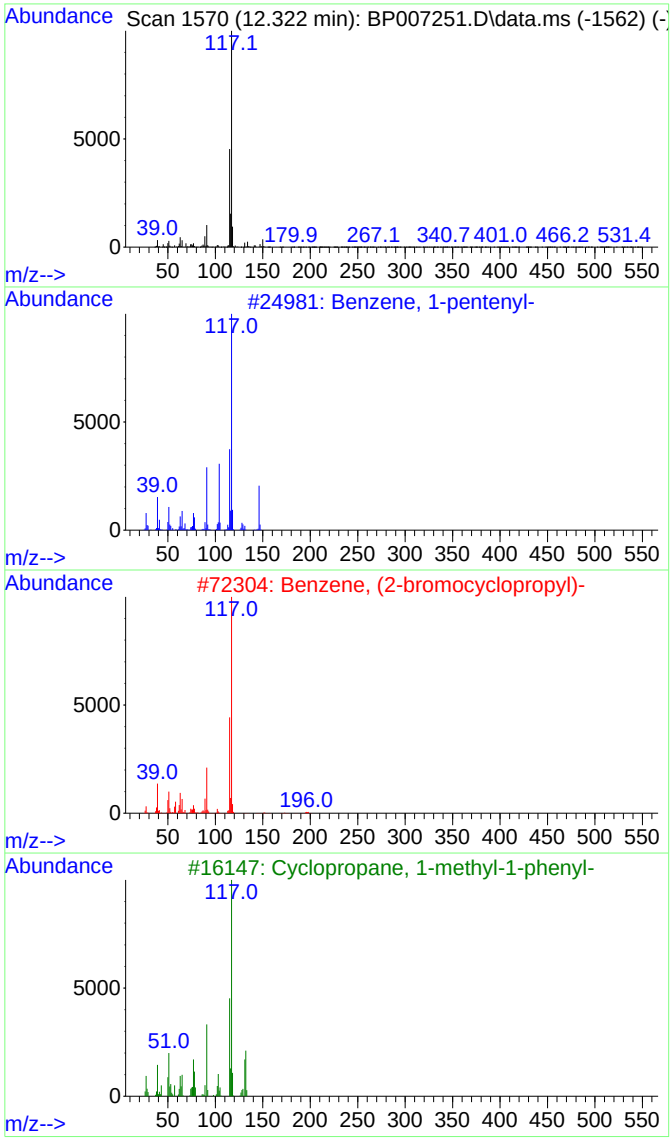
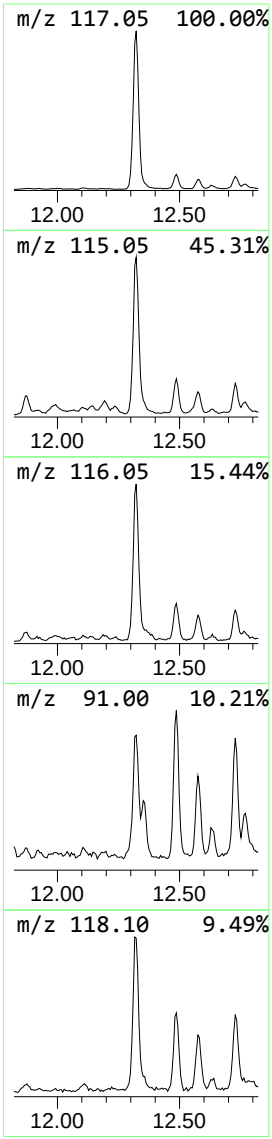
Peak Number 13 Benzene, 1-pentenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	10.79 ng	825882	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	56
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	56
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	47
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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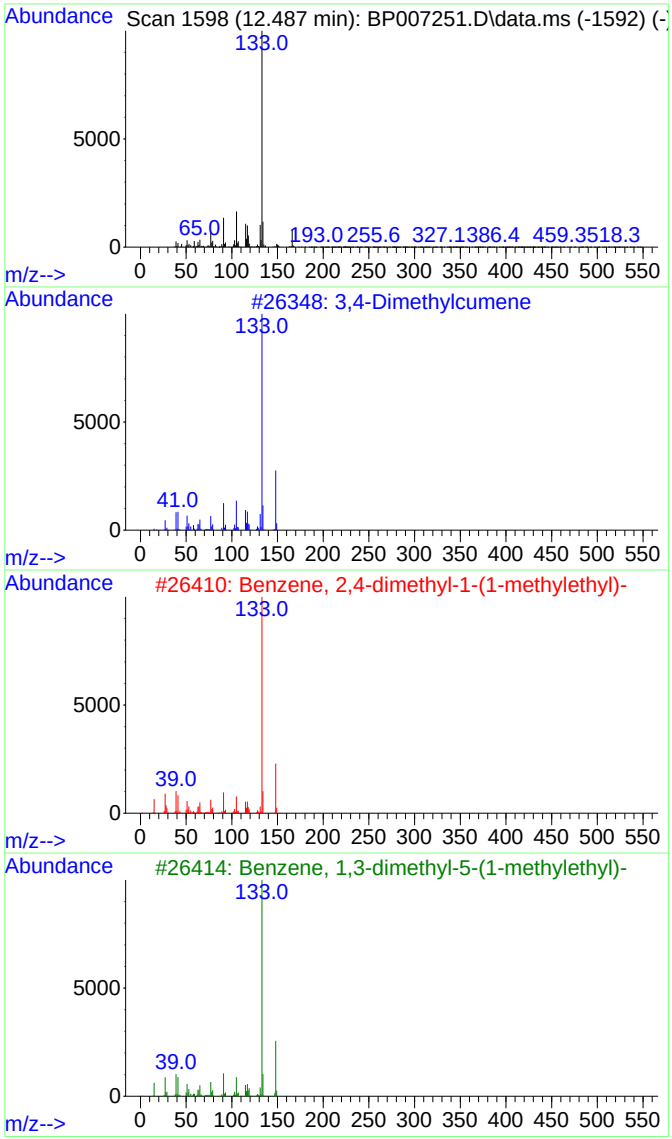
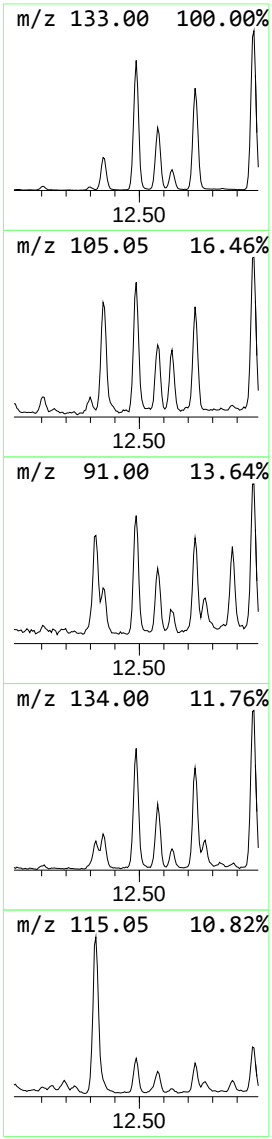
Peak Number 14 3,4-Dimethylcumene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.487	8.74 ng	669200	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	78
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
4	2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	72
5	2,4,6-Trimethylbenzyl mercaptan	166	C10H14S	021411-42-7	72





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Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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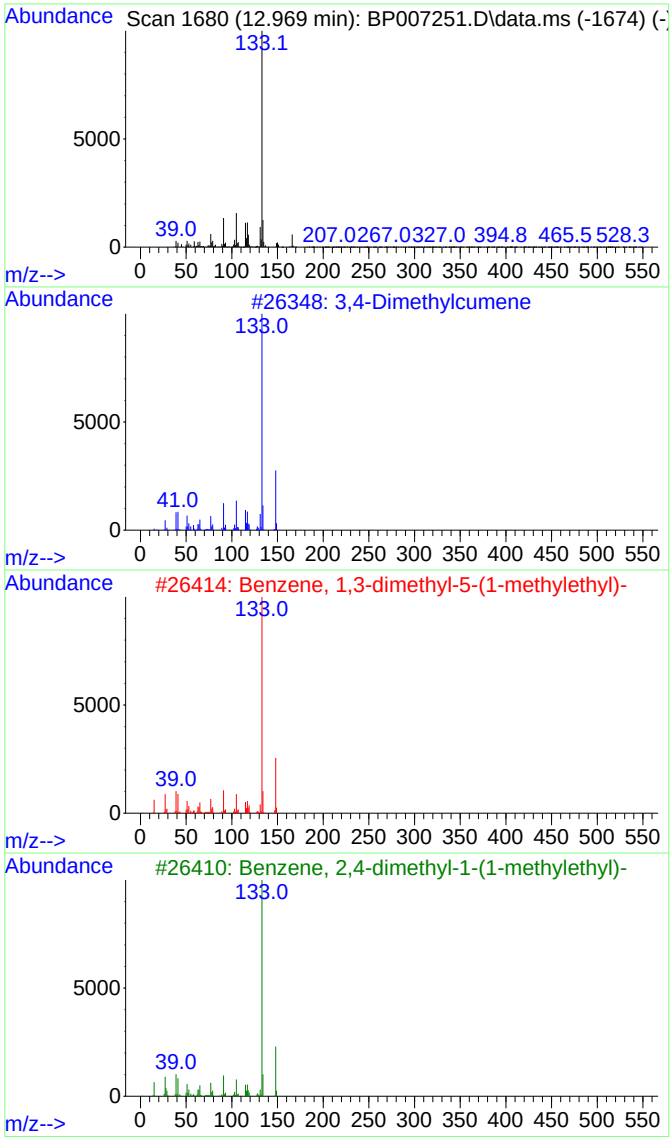
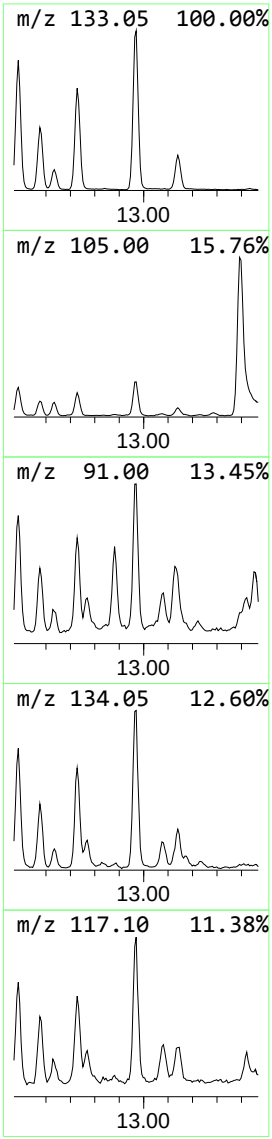
Peak Number 15 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	8.21 ng	906096	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5	2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

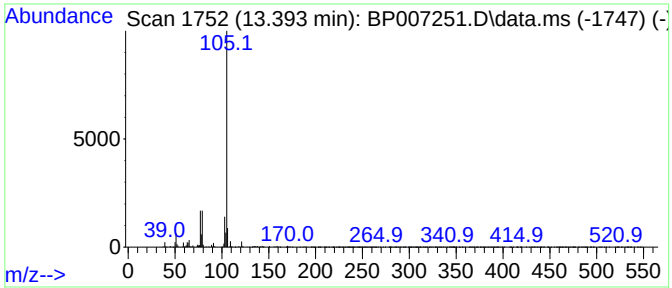
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

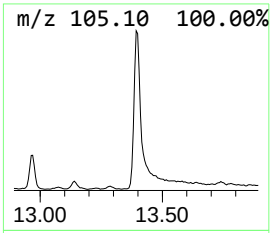
****

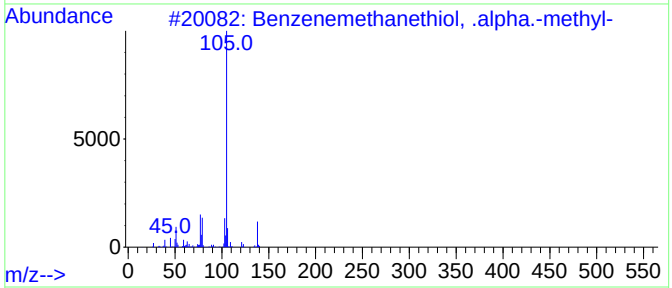
Peak Number 16 Benzene, (1-bromoethyl)- Concentration Rank 20

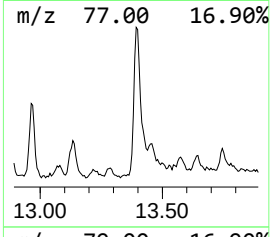
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.393	7.18 ng	792033	Acenaphthene-d10	14.510

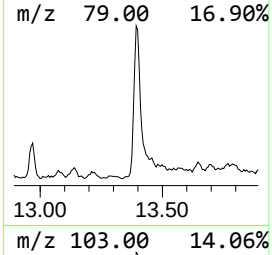
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	90
2	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	86
3	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
4	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
5	.beta.-Methylphenethylamine, N,N...	327	C13H11F6NO2	1010417-26-4	78

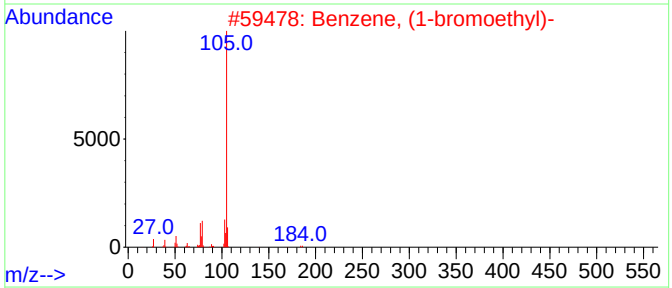


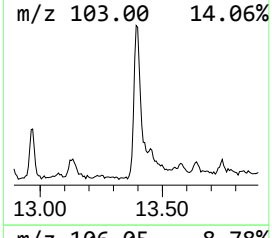


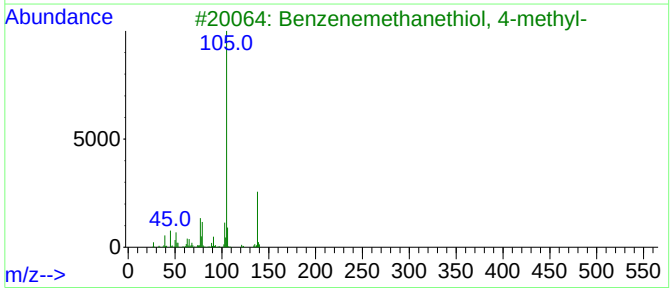


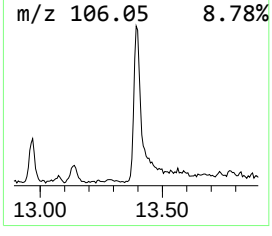












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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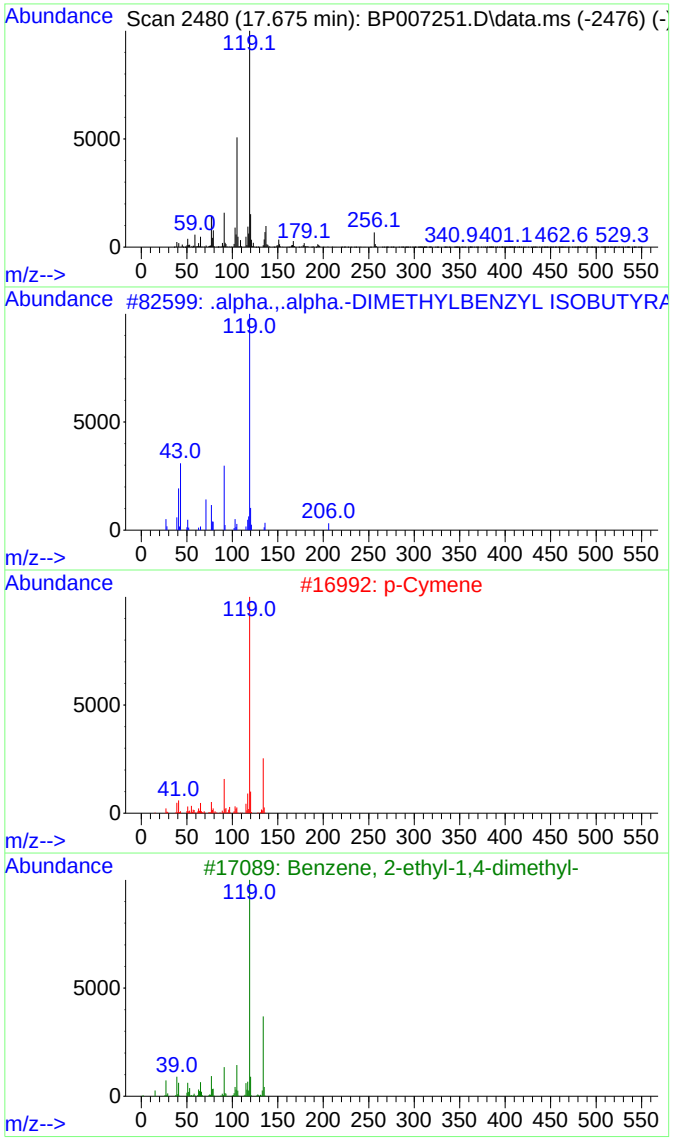
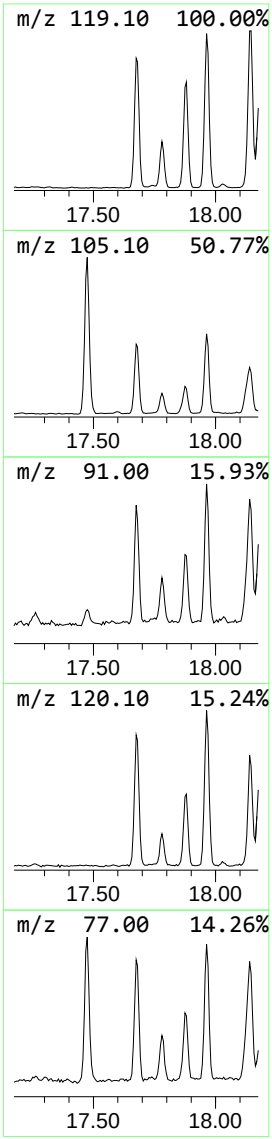
Peak Number 17 Benzene, 1,1'-(1,1,2,2-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	8.33 ng	1009950	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	64
2	p-Cymene	134	C10H14	000099-87-6	59
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59





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Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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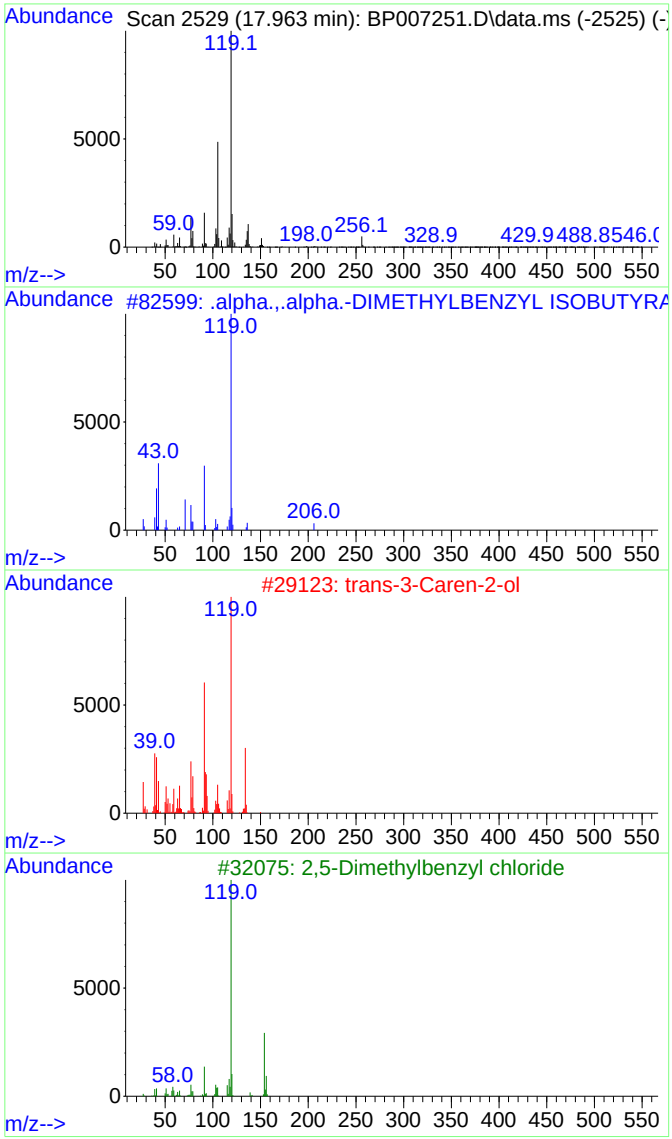
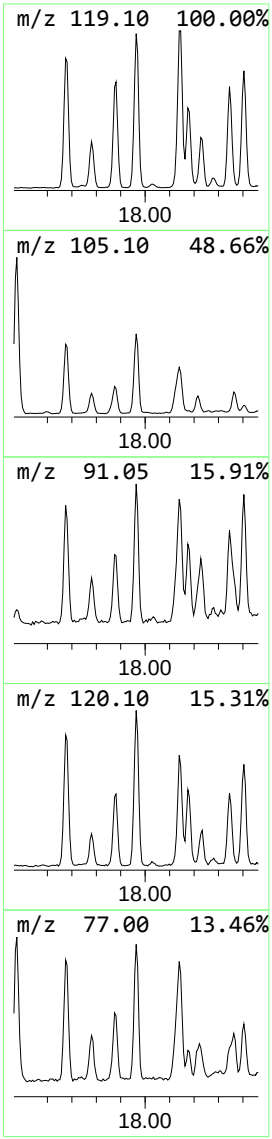
Peak Number 18 .alpha.,.alpha.-DIMETHYLBEN... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	9.02 ng	1094030	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	59
2	trans-3-Caren-2-ol	152	C10H16O	1000151-75-4	59
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59
4	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	53
5	Chrysanthemumic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	53





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Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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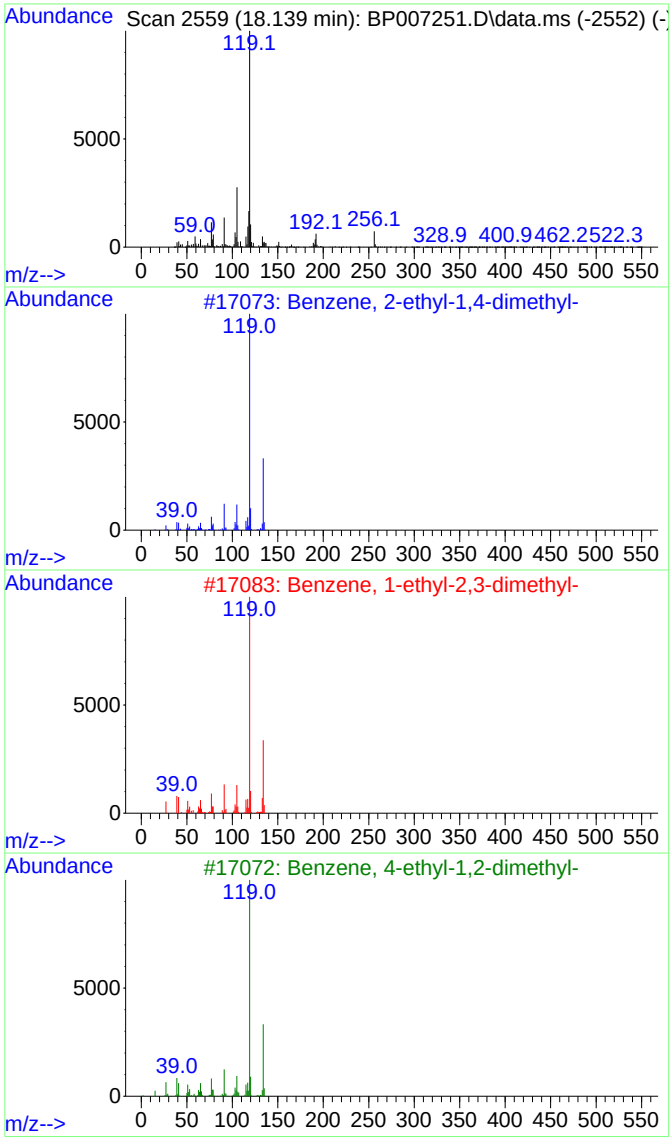
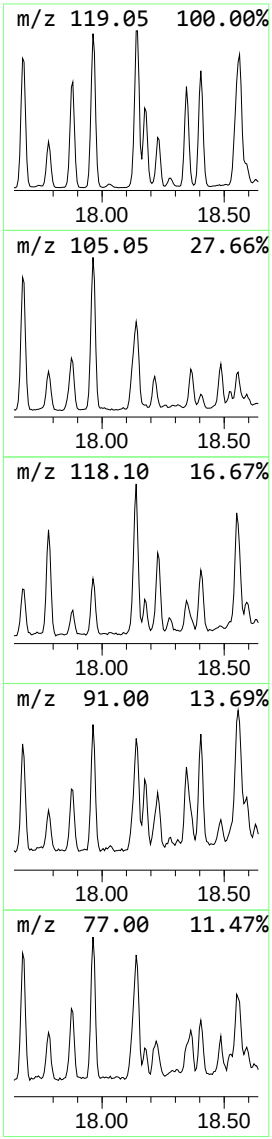
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	13.16 ng	1596570	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	68
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
5	p-Cymene	134	C10H14	000099-87-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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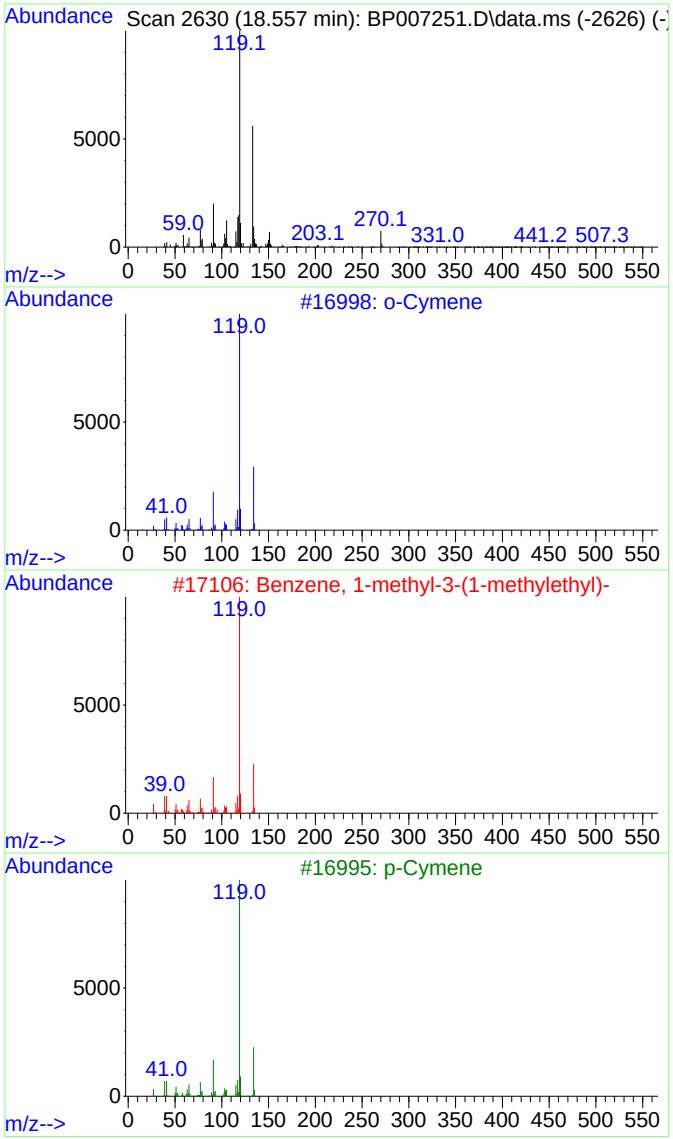
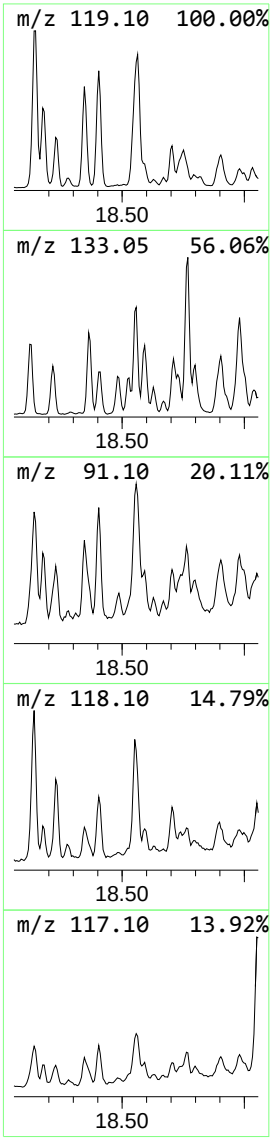
Peak Number 20 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	7.91 ng	959997	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	53
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007251.D
Acq On : 29 Sep 2021 18:12
Operator : CG/JU
Sample : M3971-04 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Bicyclo[4.2.0]o...	5.864	30.4	ng	1653850	1	7.875	1087350	20.0
Benzene, 1-ethe...	7.540	35.4	ng	1923070	1	7.875	1087350	20.0
Benzene, 1-ethe...	7.616	16.5	ng	898874	1	7.875	1087350	20.0
Benzene, 1-prop...	8.416	19.7	ng	1072580	1	7.875	1087350	20.0
Benzene, (2-met...	9.152	16.7	ng	910042	1	7.875	1087350	20.0
2,4-Dimethylsty...	9.258	9.5	ng	515405	1	7.875	1087350	20.0
Benzene, 4-ethe...	9.652	8.7	ng	662222	2	10.675	1530870	20.0
Benzenemethanet...	9.699	23.5	ng	1799370	2	10.675	1530870	20.0
2-Methylindene	10.105	13.5	ng	1033600	2	10.675	1530870	20.0
1H-Indene, 1-me...	10.216	13.9	ng	1066400	2	10.675	1530870	20.0
Benzene, 1-meth...	11.187	24.9	ng	1903200	2	10.675	1530870	20.0
p-Cymene	11.328	27.8	ng	2124590	2	10.675	1530870	20.0
Benzene, 1-pent...	12.322	10.8	ng	825882	2	10.675	1530870	20.0
3,4-Dimethylcumene	12.487	8.7	ng	669200	2	10.675	1530870	20.0
Benzene, 1,3-di...	12.969	8.2	ng	906096	3	14.510	2206640	20.0
Benzene, (1-bro...	13.393	7.2	ng	792033	3	14.510	2206640	20.0
Benzene, 1,1'-(...	17.675	8.3	ng	1009950	4	17.263	2426270	20.0
.alpha.,.alpha....	17.963	9.0	ng	1094030	4	17.263	2426270	20.0
Benzene, 2-ethy...	18.139	13.2	ng	1596570	4	17.263	2426270	20.0
o-Cymene	18.557	7.9	ng	959997	4	17.263	2426270	20.0