LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.664	463	472	495	rBV	580259	1758096	45.73%	1.977%
2	6.834	662	671	678	rVV4	160599	436685	11.36%	0.491%
3	7.322	746	754	762	rBV	751949	1907303	49.61%	2.144%
4	7.399	762	767	778	rVB	393969	844137	21.96%	0.949%
5	7.652	804	810	815	rVB	184771	308447	8.02%	0.347%
6	8.022	867	873	883	rVB	263116	463392	12.05%	0.521%
7	8.187	895	901	914	rVV	874915	1917133	49.87%	2.155%
8	8.758	991	998	1007	rBV4	404116	926786	24.11%	1.042%
9	8.846	1007	1013	1020	rVB4	145968	386467	10.05%	0.434%
10	8.922	1020	1026	1033	rBV	287613	689049	17.92%	0.775%
11	9.022	1039	1043	1049	rVB3	251031	465007	12.10%	0.523%
12	9.416	1105	1110	1113	rBV	219881	369876	9.62%	0.416%
13	9.458	1113	1117	1126	rVB	422547	740926	19.27%	0.833%
14	9.628	1141	1146	1153	rVV5	195811	426710	11.10%	0.480%
15	9.840	1176	1182	1183	rBV	351891	484971	12.61%	0.545%
16	9.863	1184	1186	1192	rVV	452346	809944	21.07%	0.911%
17	9.934	1193	1198	1201	rVV2	287682	579015	15.06%	0.651%
18	9.975	1201	1205	1211	rVV	418675	764992	19.90%	0.860%
19	10.034	1212	1215	1226	rVB7	132924	337409	8.78%	0.379%
20	10.146	1228	1234	1238	rBV2	162548	304151	7.91%	0.342%
21	10.422	1273	1281	1288	rVV3	331964	832405	21.65%	0.936%
22	10.487	1289	1292	1297	rVV4	160233	310819	8.08%	0.349%
23	10.558	1301	1304	1310	rVB5	150725	290930	7.57%	0.327%
24	10.622	1310	1315	1319	rBV2	232394	347088	9.03%	0.390%
25	10.940	1364	1369	1378	rVB	476776	818868	21.30%	0.921%
26	11.081	1386	1393	1398	rBV3	509031	1086948	28.27%	1.222%
27	11.487	1456	1462	1470	rBV3	610807	1451683	37.76%	1.632%
28	11.628	1482	1486	1496	rVB3	265563	470914	12.25%	0.529%
29	12.093	1557	1565	1576	rVB3	1074744	2488951	64.74%	2.798%
30	12.257	1589	1593	1596	rBV2	188886	314515	8.18%	0.354%
31	12.316	1598	1603	1608	rVV	1374623	2140449	55.67%	2.406%
32	12.581	1644	1648	1656	rVV	203349	336261	8.75%	0.378%
33	12.740	1668	1675	1680	rBV	240342	456444	11.87%	0.513%
34	12.852	1689	1694	1699	rVV	624412	890412	23.16%	1.001%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.904	1699	1703	1708	rVB3	269235	427708	11.12%	0.481%
36	13.169	1743	1748	1755	rBV	510301	1061535	27.61%	1.193%
37	13.228	1755	1758	1764	rVB3	221324	366892	9.54%	0.412%
38	13.316	1770	1773	1776	rBV	240643	305569	7.95%	0.344%
39	13.451	1791	1796	1798	rBV	586351	889369	23.13%	1.000%
40	13.528	1805	1809	1813	rBV4	200814	297356	7.73%	0.334%
41	13.610	1818	1823	1829	rVV2	1162899	2200856	57.25%	2.474%
42	13.669	1829	1833	1838	rVV	620476	911983	23.72%	1.025%
43	13.728	1838	1843	1851	rVV2	336191	842163	21.91%	0.947%
44	13.804	1851	1856	1859	rVV2	472750	706602	18.38%	0.794%
45	13.851	1859	1864	1867	rVV	504398	838473	21.81%	0.943%
46	13.887	1867	1870	1875	rVB3	323531	445224	11.58%	0.501%
47	14.010	1886	1891	1900	rBV2	868822	1359069	35.35%	1.528%
48	14.293	1935	1939	1944	rVB3	277115	416848	10.84%	0.469%
49	14.357	1944	1950	1959	rVB5	434691	911969	23.72%	1.025%
50	14.510	1971	1976	1986	rVB	249920	596146	15.51%	0.670%
51	14.698	2004	2008	2015	rVB2	354050	639654	16.64%	0.719%
52	14.775	2017	2021	2025	rVB	387479	525142	13.66%	0.590%
53	14.916	2039	2045	2051	rVV3	286017	650397	16.92%	0.731%
54	14.969	2051	2054	2058	rVB	280604	361335	9.40%	0.406%
55	15.093	2068	2075	2077	rBV3	208936	430521	11.20%	0.484%
56	15.251	2097	2102	2106	rBV4	159903	292741	7.61%	0.329%
57	15.345	2113	2118	2123	rBV3	538417	830303	21.60%	0.933%
58	15.787	2190	2193	2202	rVB3	352164	614006	15.97%	0.690%
59	16.351	2283	2289	2294	rBV	228606	493150	12.83%	0.554%
60	16.404	2294	2298	2304	rVB2	228322	329985	8.58%	0.371%
61	16.710	2347	2350	2359	rVB3	207551	362135	9.42%	0.407%
62	16.863	2372	2376	2379	rBV	221846	308890	8.03%	0.347%
63	16.928	2384	2387	2394	rVB	293727	411877	10.71%	0.463%
64	17.045	2402	2407	2410	rBV	358862	526682	13.70%	0.592%
65	17.087	2410	2414	2419	rVB	1561186	2083348	54.19%	2.342%
66	17.175	2425	2429	2435	rVB	607314	877946	22.84%	0.987%
67	17.269	2437	2445	2451	rBV2	398074	925842	24.08%	1.041%
68	17.475	2474	2480	2483	rBV2	416077	659685	17.16%	0.742%
69	17.763	2525	2529	2538	rVB2	541476	841388	21.88%	0.946%
70	17.922	2551	2556	2560	rBV2	800367	1476904	38.42%	1.660%
71	17.969	2560	2564	2569	rVV	924252	1440081	37.46%	1.619%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.045	2573	2577	2581	rVV2	421146	632717	16.46%	0.711%
73	18.104	2582	2587	2591	rVV2	905244	1677285	43.63%	1.886%
74	18.145	2591	2594	2601	rVV3	682184	1014159	26.38%	1.140%
75	18.363	2627	2631	2635	rBV3	250728	423070	11.00%	0.476%
76	18.404	2635	2638	2642	rVB3	286482	345284	8.98%	0.388%
77	18.698	2685	2688	2691	rBV	285283	377664	9.82%	0.425%
78	18.816	2704	2708	2712	rBV	618316	821261	21.36%	0.923%
79	18.863	2712	2716	2721	rBV3	406489	858738	22.34%	0.965%
80	18.963	2727	2733	2738	rBV3	326939	771407	20.06%	0.867%
81	19.069	2746	2751	2755	rBV	1335282	1777857	46.24%	1.999%
82	19.210	2772	2775	2779	rBV	226677	309411	8.05%	0.348%
83	19.416	2804	2810	2820	rVB	2351191	3663609	95.29%	4.119%
84	19.498	2821	2824	2830	rVB4	300732	452513	11.77%	0.509%
85	19.622	2841	2845	2848	rVB	962152	1058105	27.52%	1.190%
86	19.739	2861	2865	2875	rBV3	320999	723680	18.82%	0.814%
87	19.904	2890	2893	2898	rVB2	728040	918760	23.90%	1.033%
88	20.004	2907	2910	2914	rVB	497186	578253	15.04%	0.650%
89	20.057	2916	2919	2923	rVB	673470	794253	20.66%	0.893%
90	20.192	2939	2942	2946	rVV	504946	573316	14.91%	0.645%
91	20.239	2946	2950	2955	rVB	574449	728887	18.96%	0.819%
92	21.133	3097	3102	3107	rBV2	1875749	3844588	100.00%	4.322%
93	21.175	3107	3109	3119	rVB	1322341	1869855	48.64%	2.102%
94	21.686	3194	3196	3200	rVB	643551	702805	18.28%	0.790%
95	21.739	3202	3205	3211	rVB	419376	544173	14.15%	0.612%
96	21.880	3226	3229	3232	rBV	331940	403008	10.48%	0.453%
97	22.710	3365	3370	3381	rVB	764779	2267067	58.97%	2.549%
98	23.180	3446	3450	3460	rVB	770914	1422907	37.01%	1.600%
99	23.280	3461	3467	3474	rBV	1143637	2107367	54.81%	2.369%
100	23.374	3478	3483	3489	rVV2	1417124	2466472	64.15%	2.773%

Sum of corrected areas: 88945428

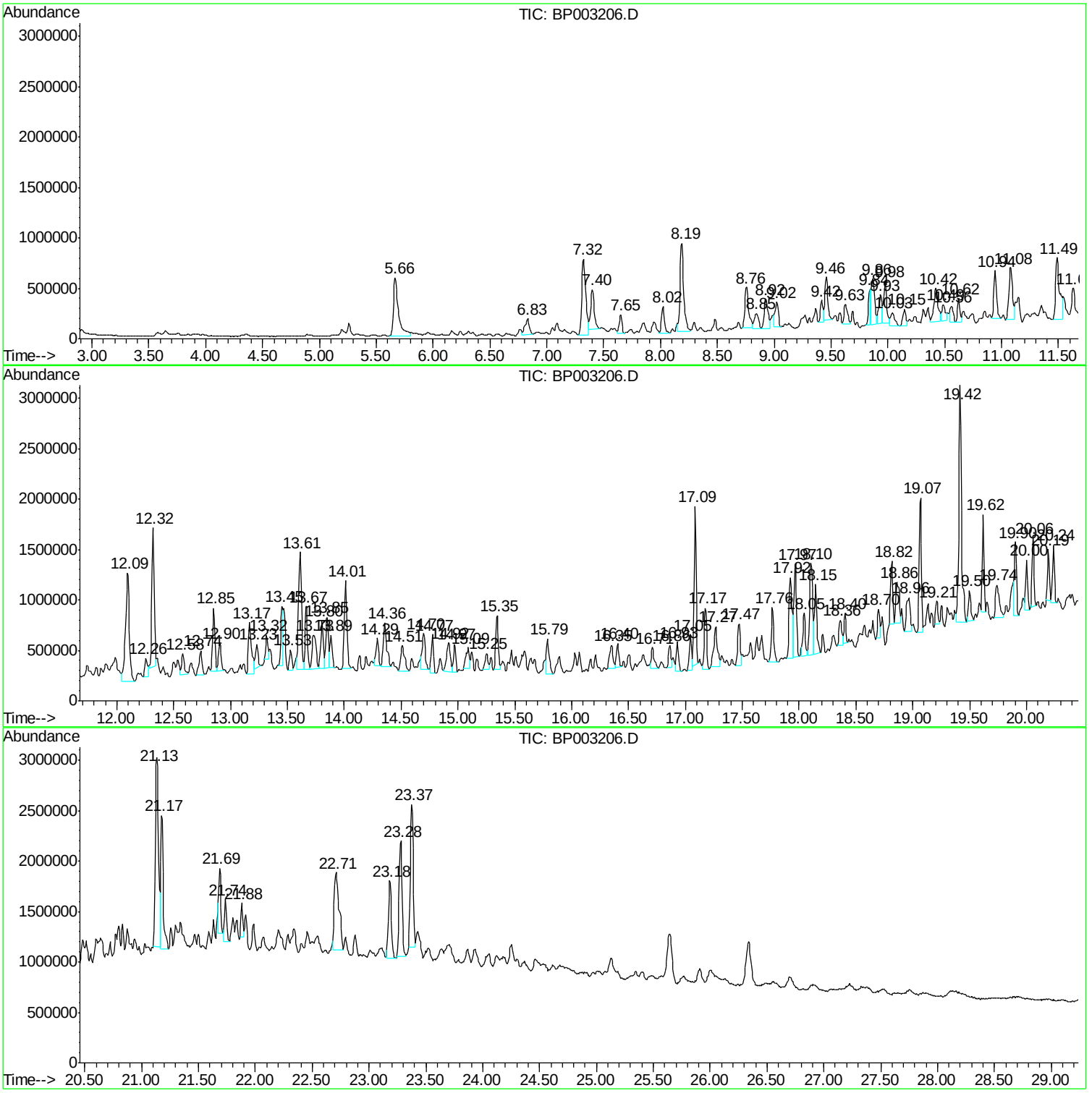
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

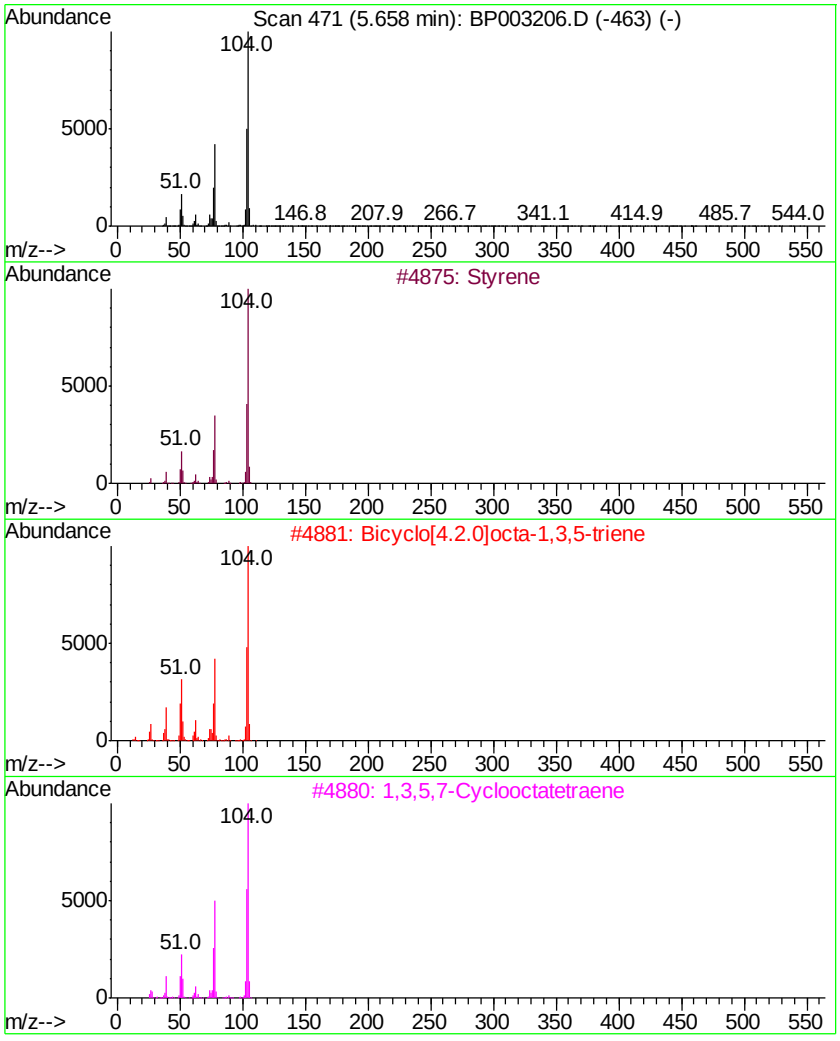
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

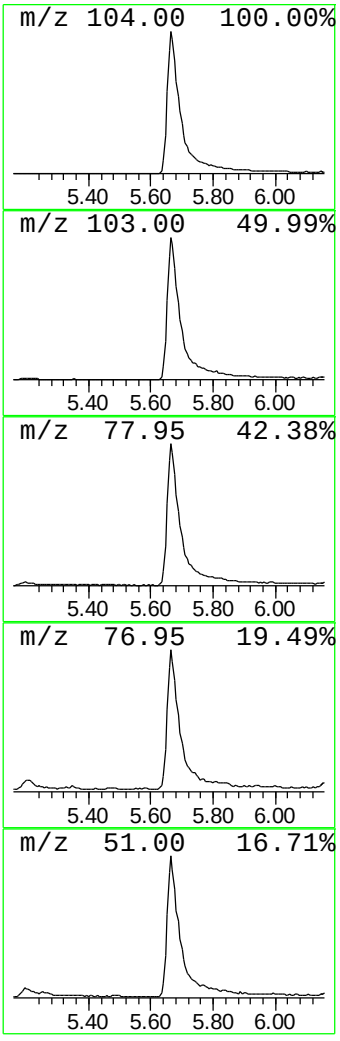
****

Peak Number 1 Styrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	114.00 ng	1758100	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	95
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	45
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

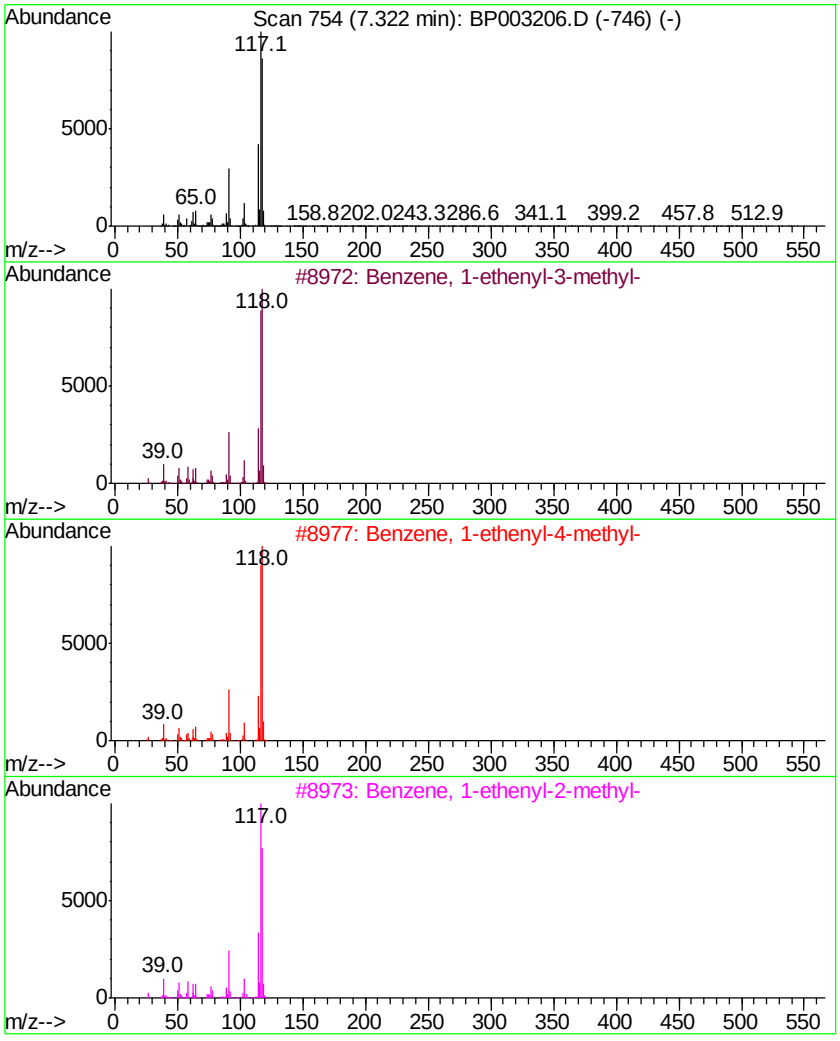
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

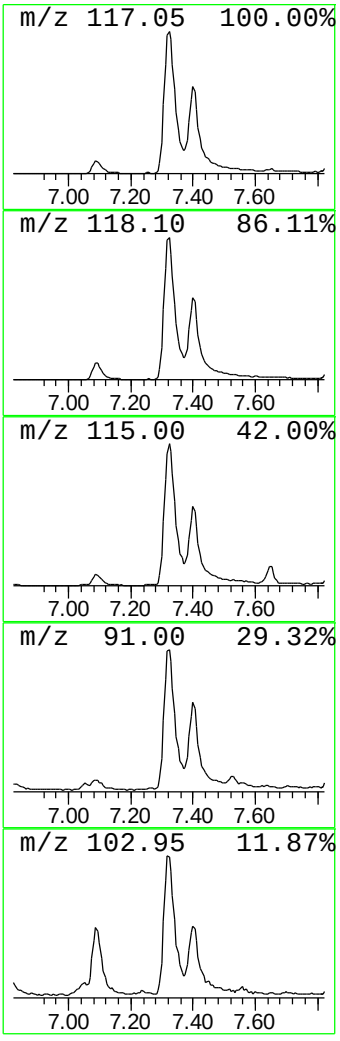
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	123.67 ng	1907300	1,4-Dichlorobenzene-d4	7.65

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-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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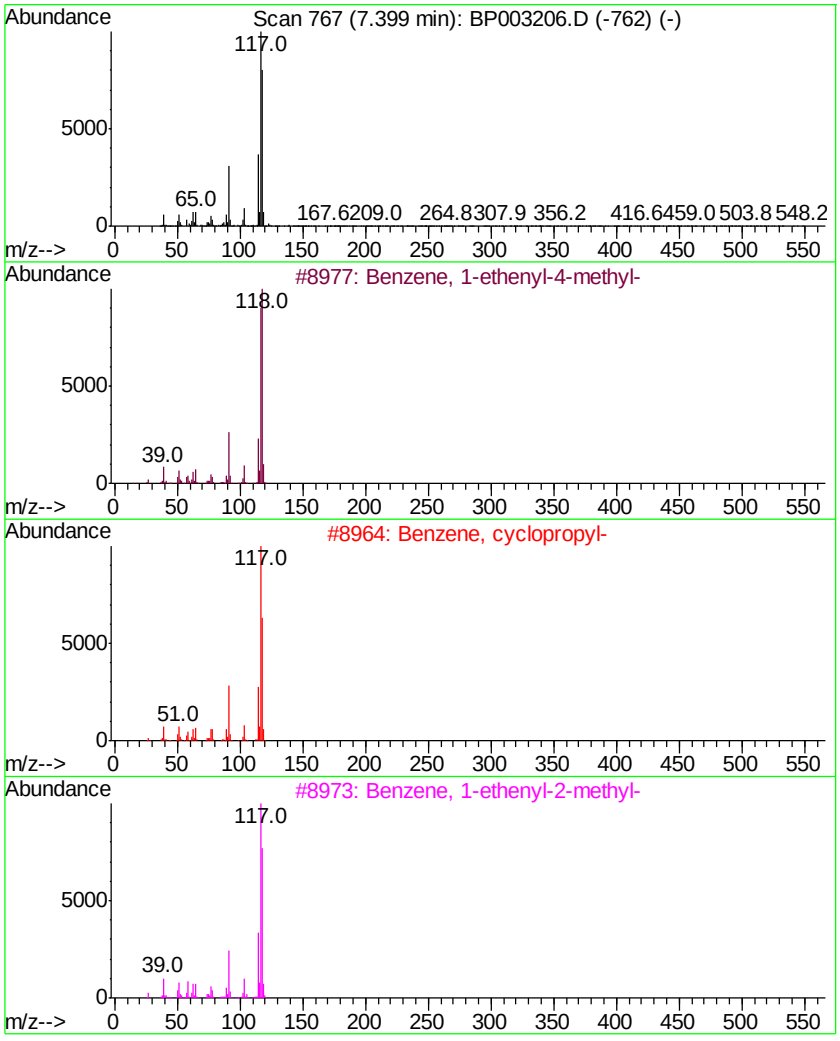
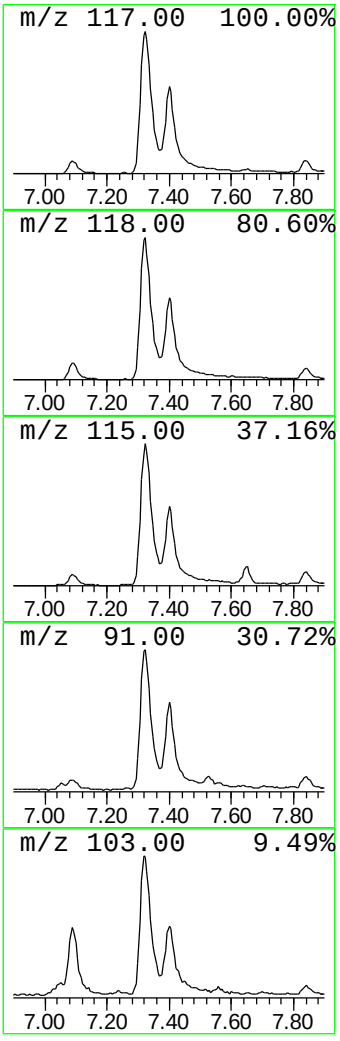
Peak Number 3 Benzene, 1-ethenyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	54.73 ng	844137	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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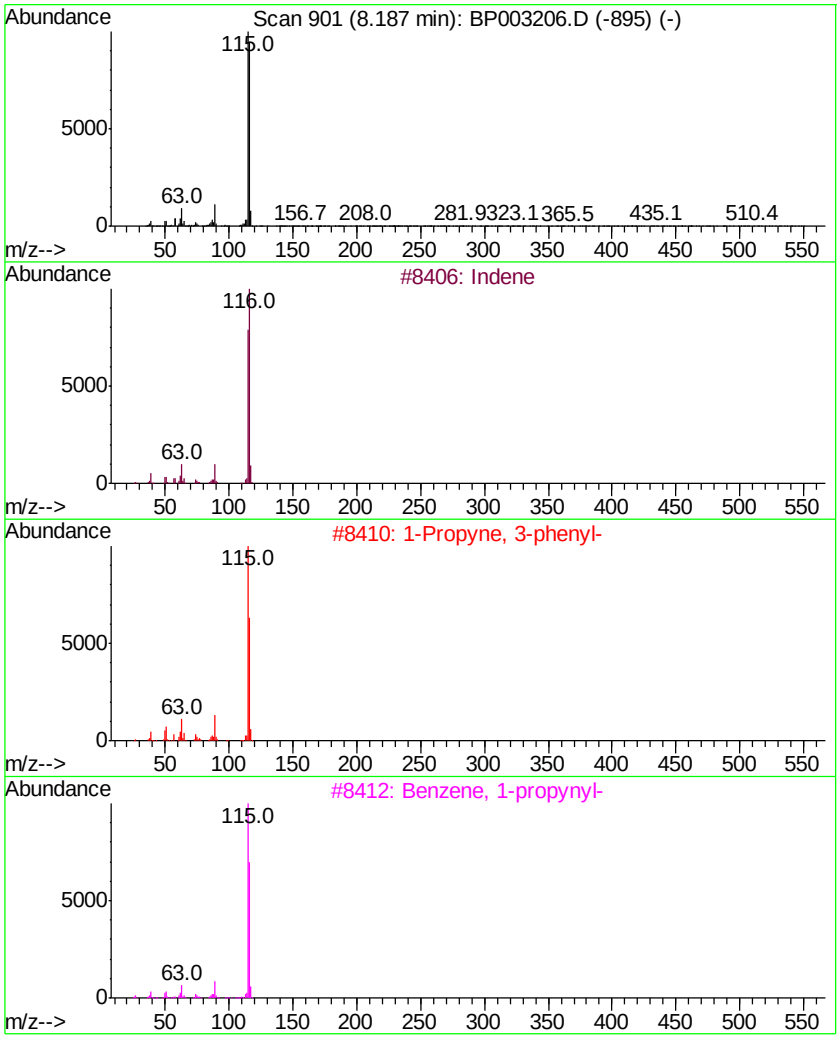
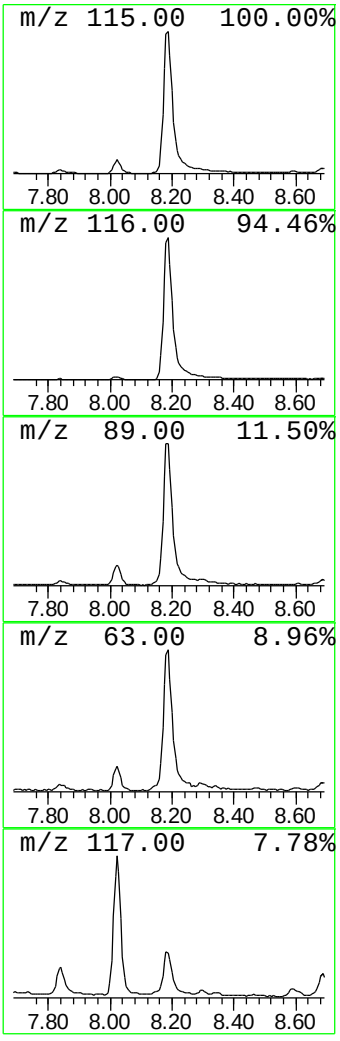
Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	124.31 ng	1917130	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

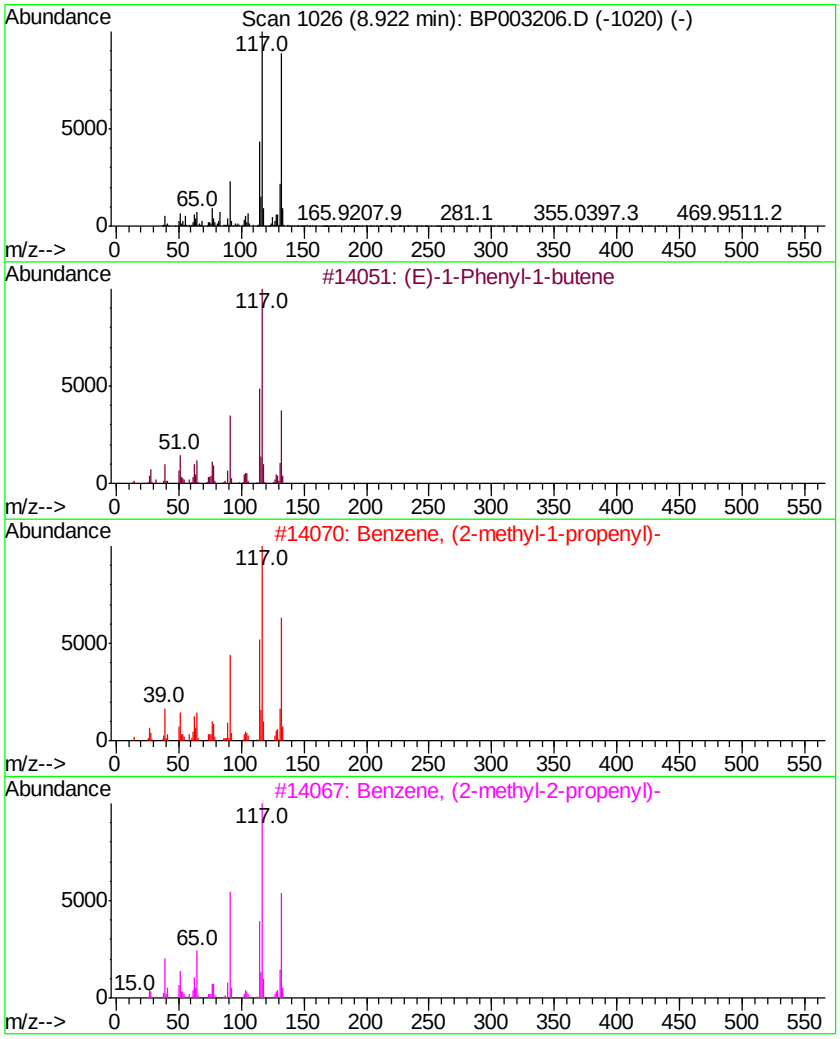
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

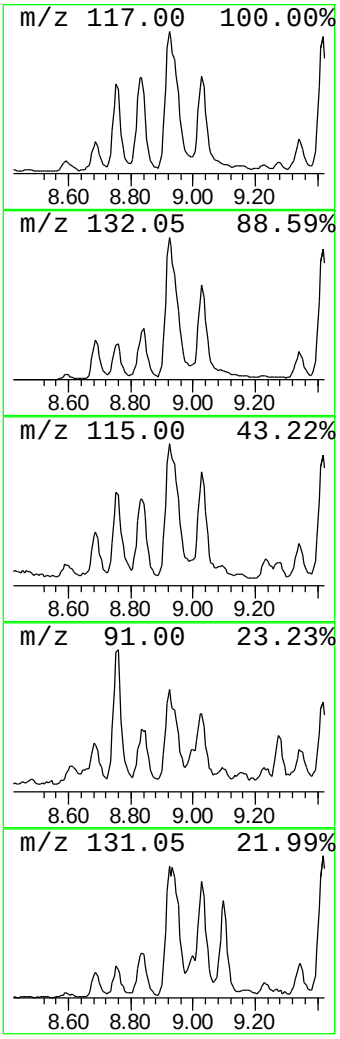
****

Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	44.68 ng	689049	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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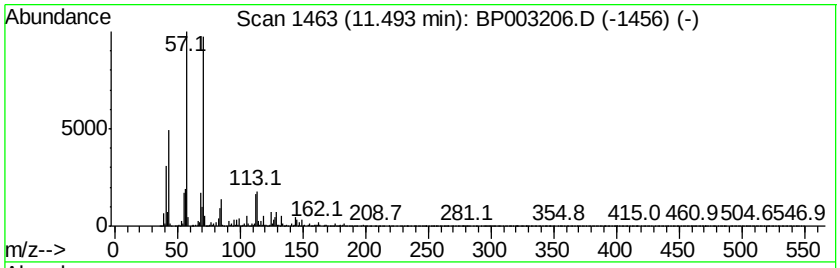
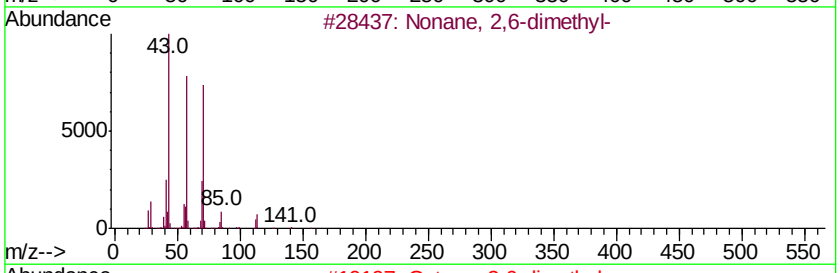
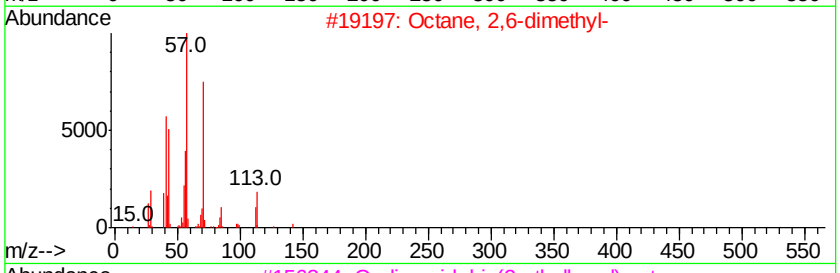
Peak Number 6 Nonane, 2,6-dimethyl- Concentration Rank 18

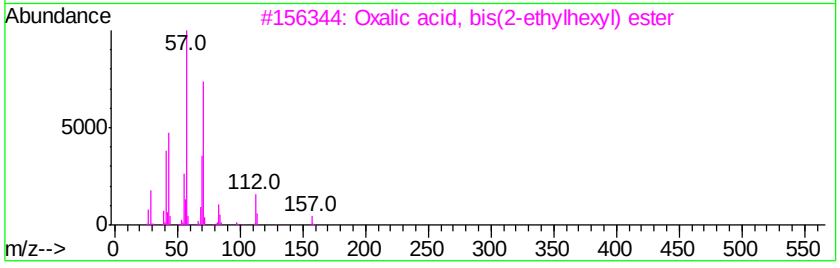
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	34.88 ng	1451680	Naphthalene-d8	10.43

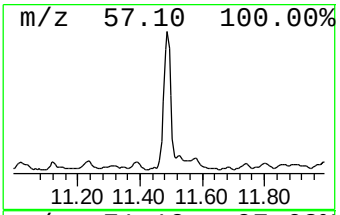
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72

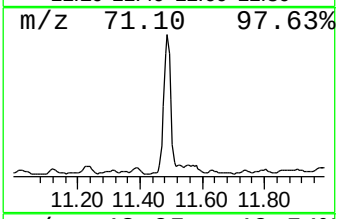


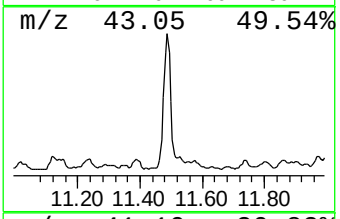


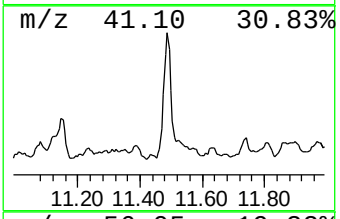


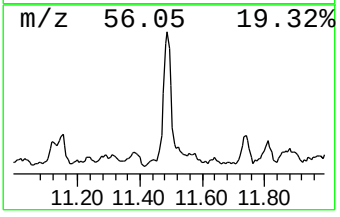












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Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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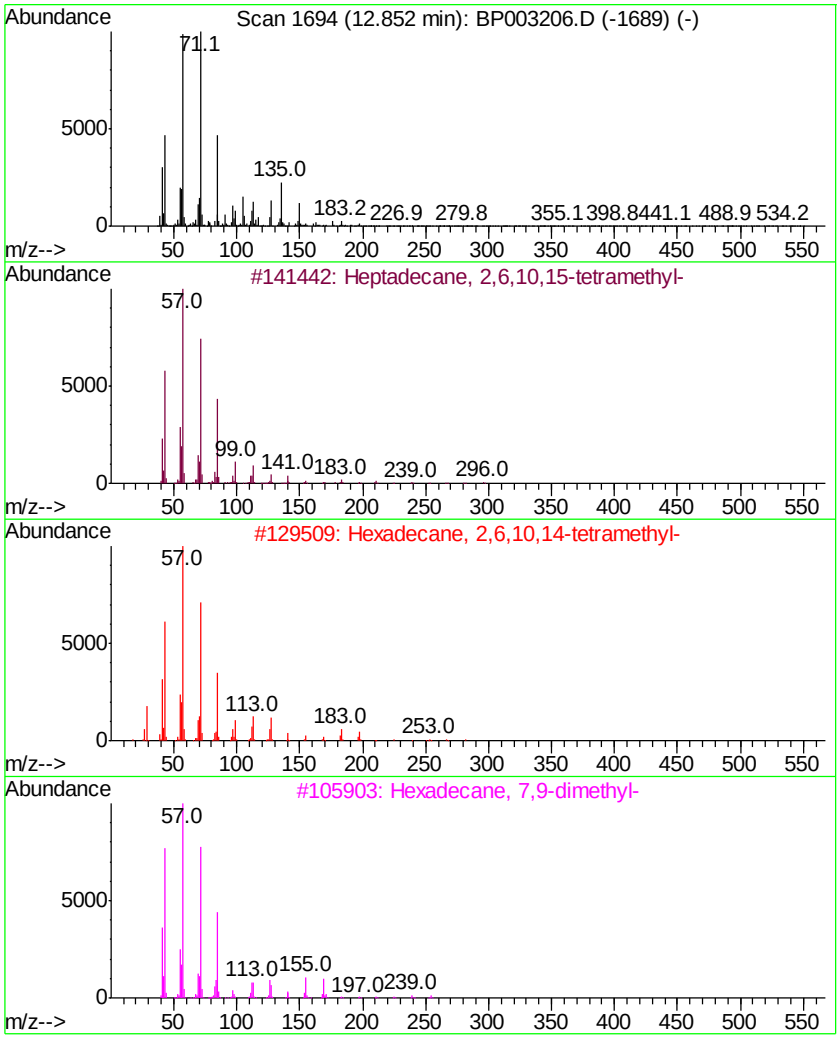
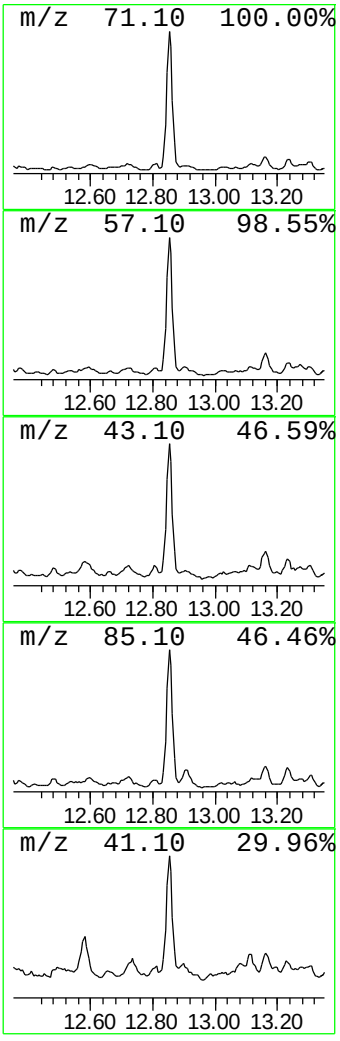
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	42.72 ng	890412	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Heptacosane	380	C27H56	000593-49-7	60
5	Pentacosane	352	C25H52	000629-99-2	60





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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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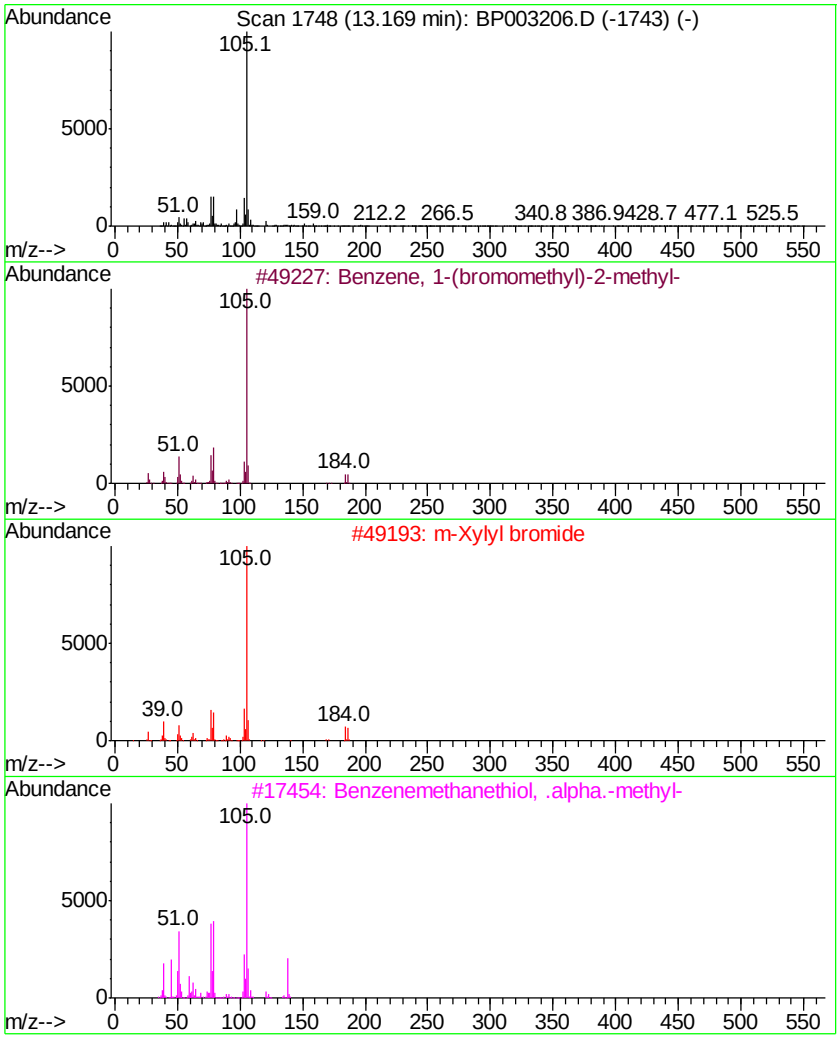
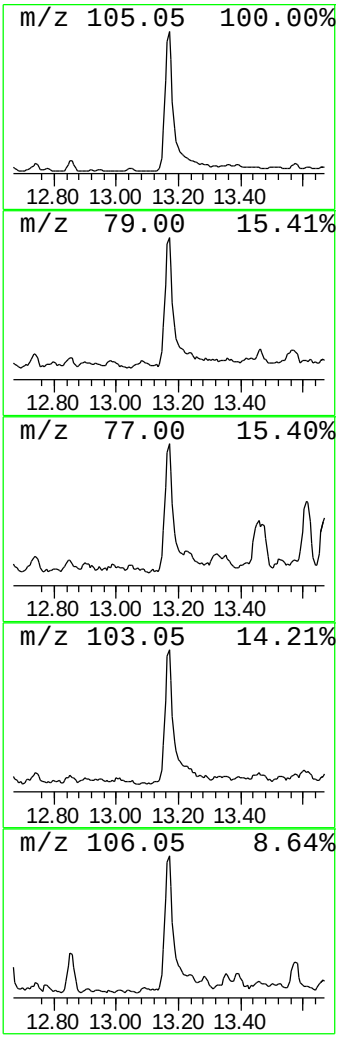
Peak Number 8 Benzene, 1-(bromomethyl)-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	50.93 ng	1061540	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-2-methyl-	184	C8H9Br	000089-92-9	64
2	m-Xylyl bromide	184	C8H9Br	000620-13-3	64
3	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	64
4	(1-(Methylthio)ethyl)benzene	152	C9H12S	013125-70-7	64
5	2-Tolyloxirane	134	C9H10O	002783-26-8	64





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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

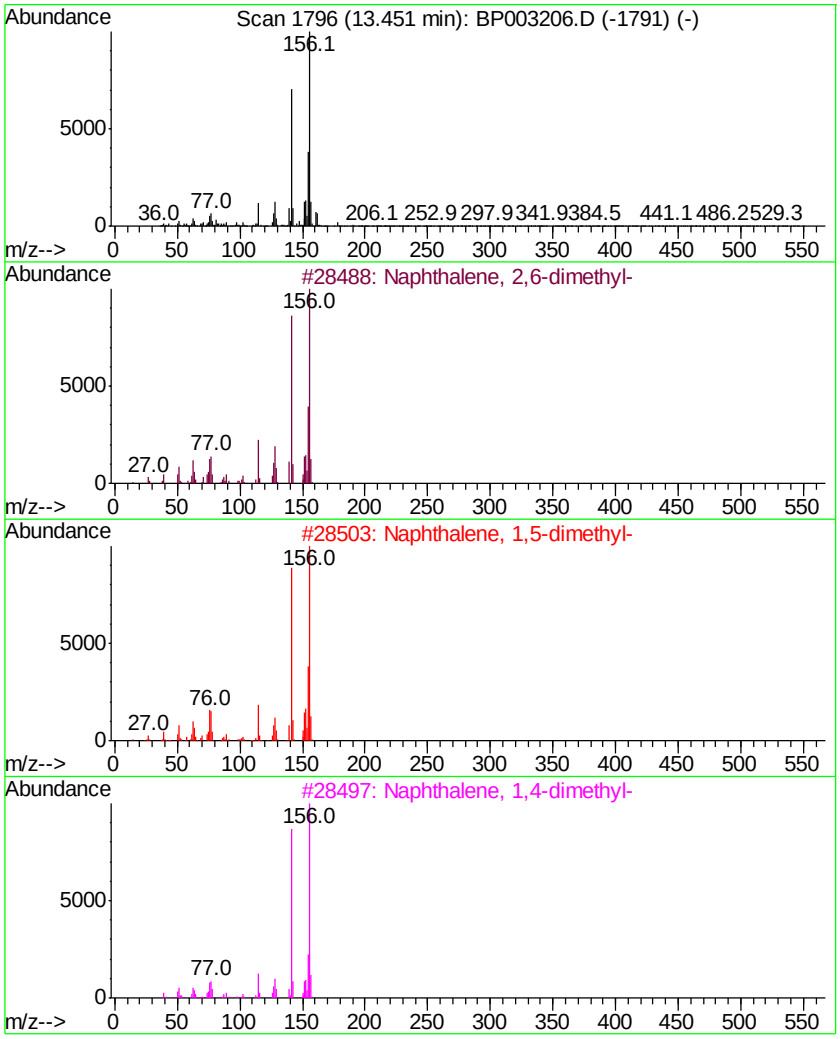
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

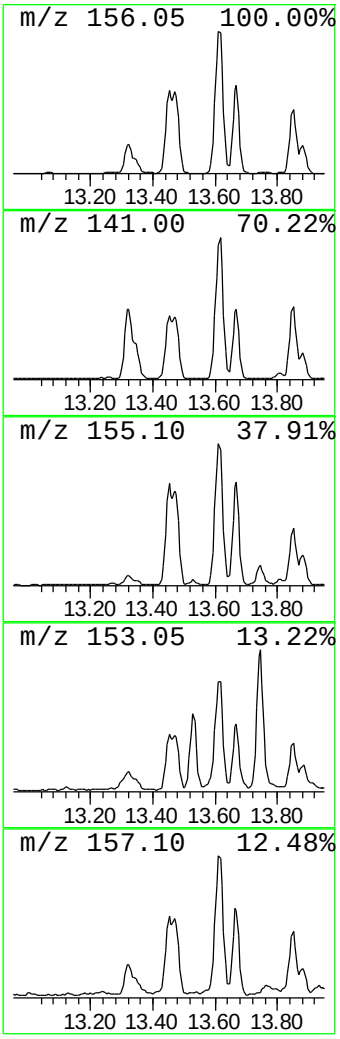
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	42.67 ng	889369	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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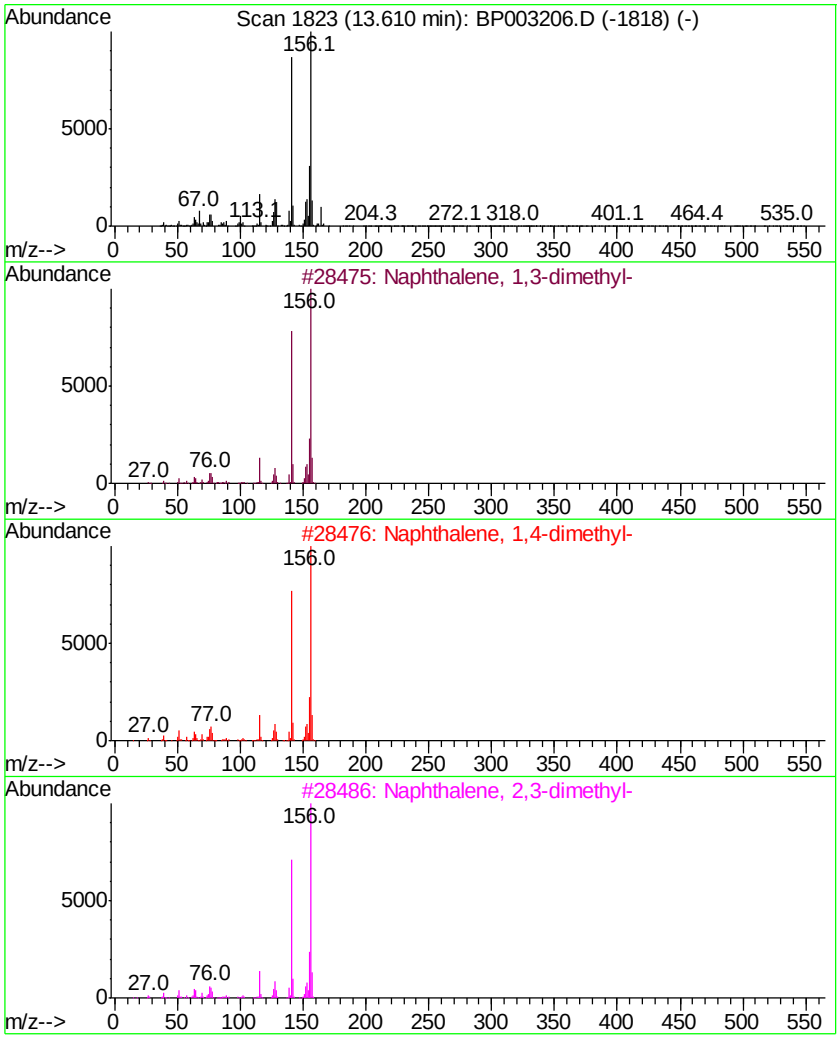
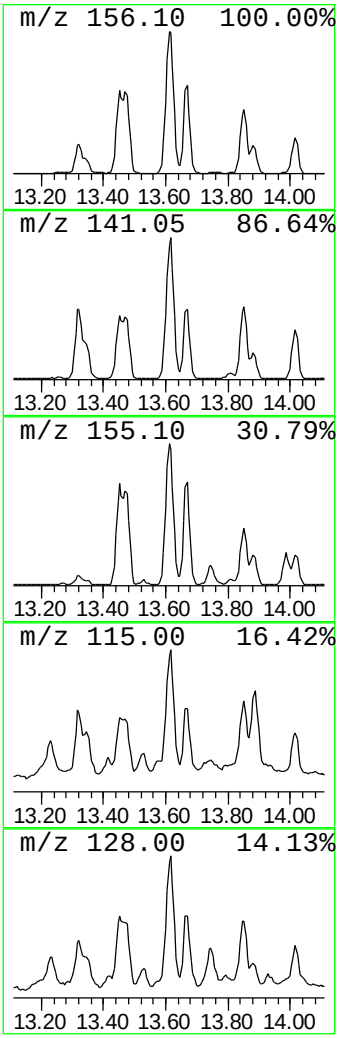
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	105.60 ng	2200860	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Library Search Compound Report

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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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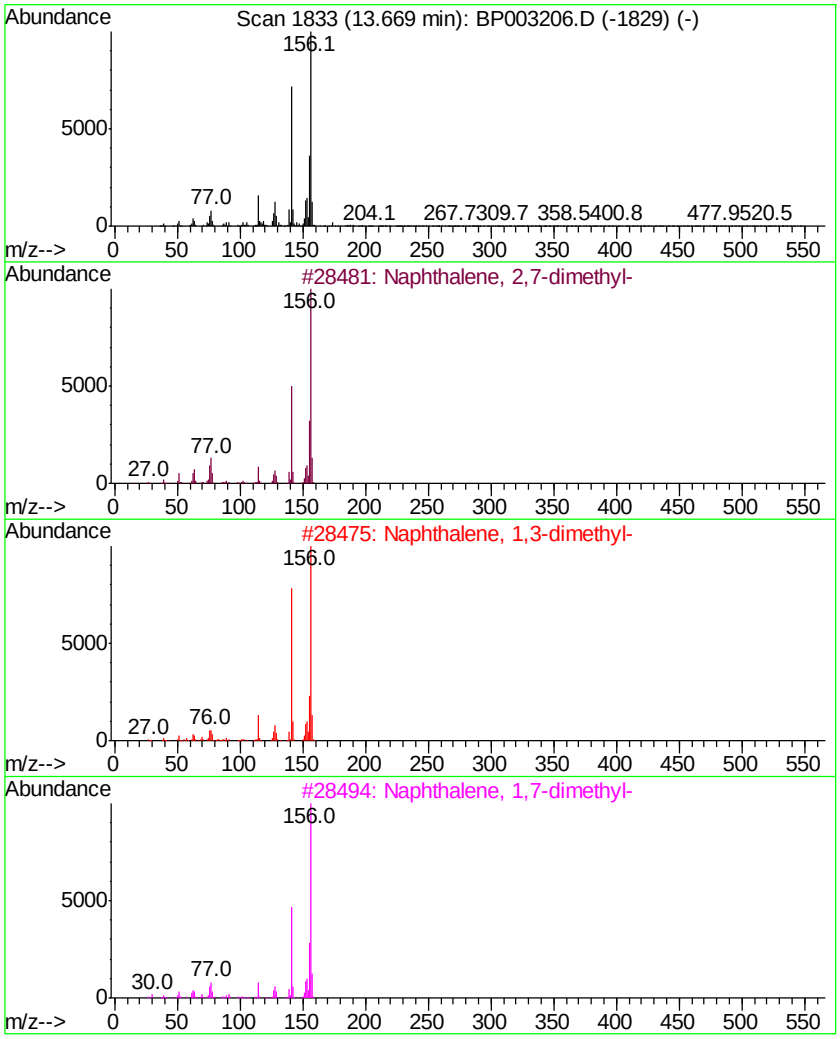
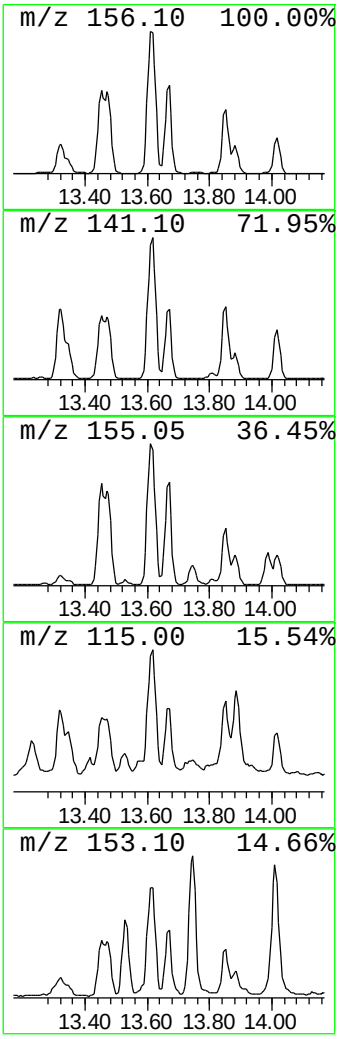
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	43.76 ng	911983	Acenaphthene-d10	14.29

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





Library Search Compound Report

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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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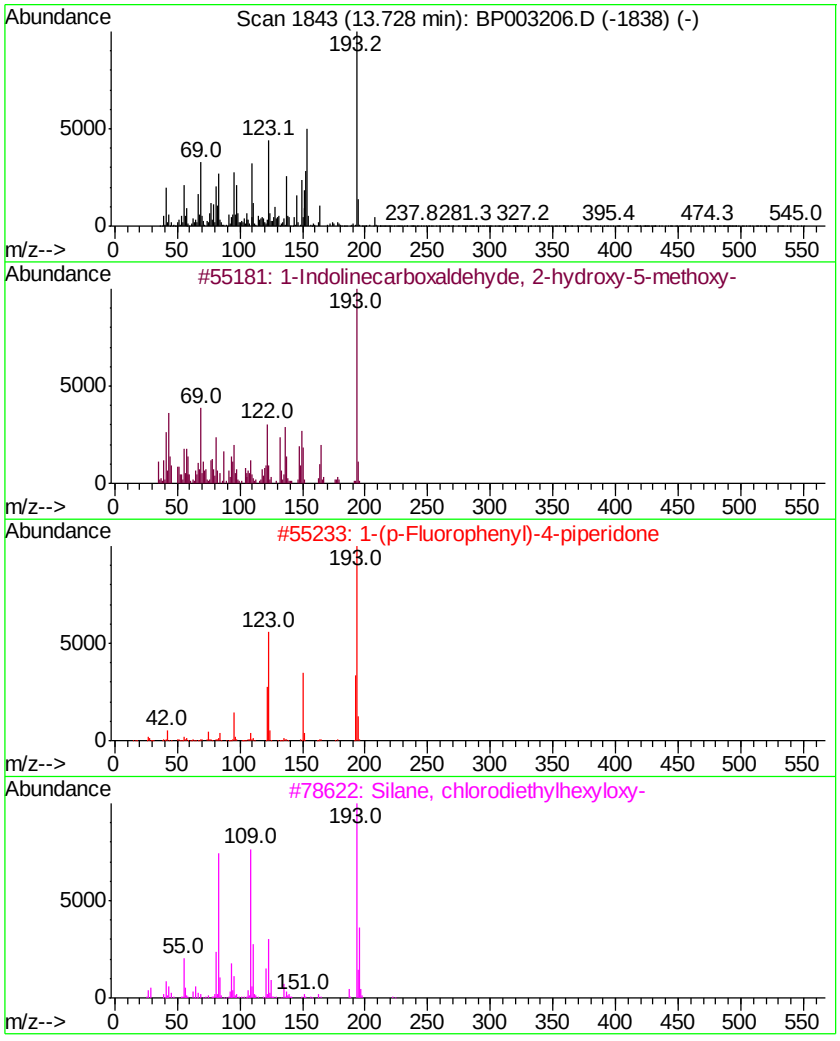
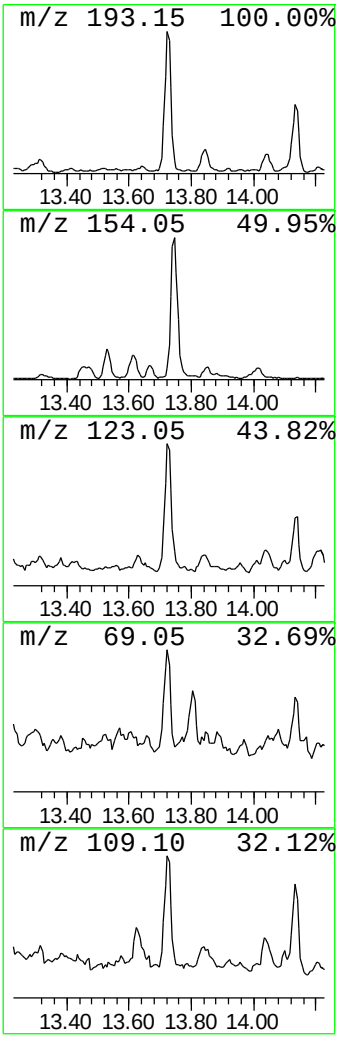
Peak Number 12 unknown13.73 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	40.41 ng	842163	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indolinecarboxaldehyde, 2-hydr...	193	C10H11NO3	013303-70-3	38
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	32
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	27
4	2-Anthracenamine	193	C14H11N	000613-13-8	25
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	22





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Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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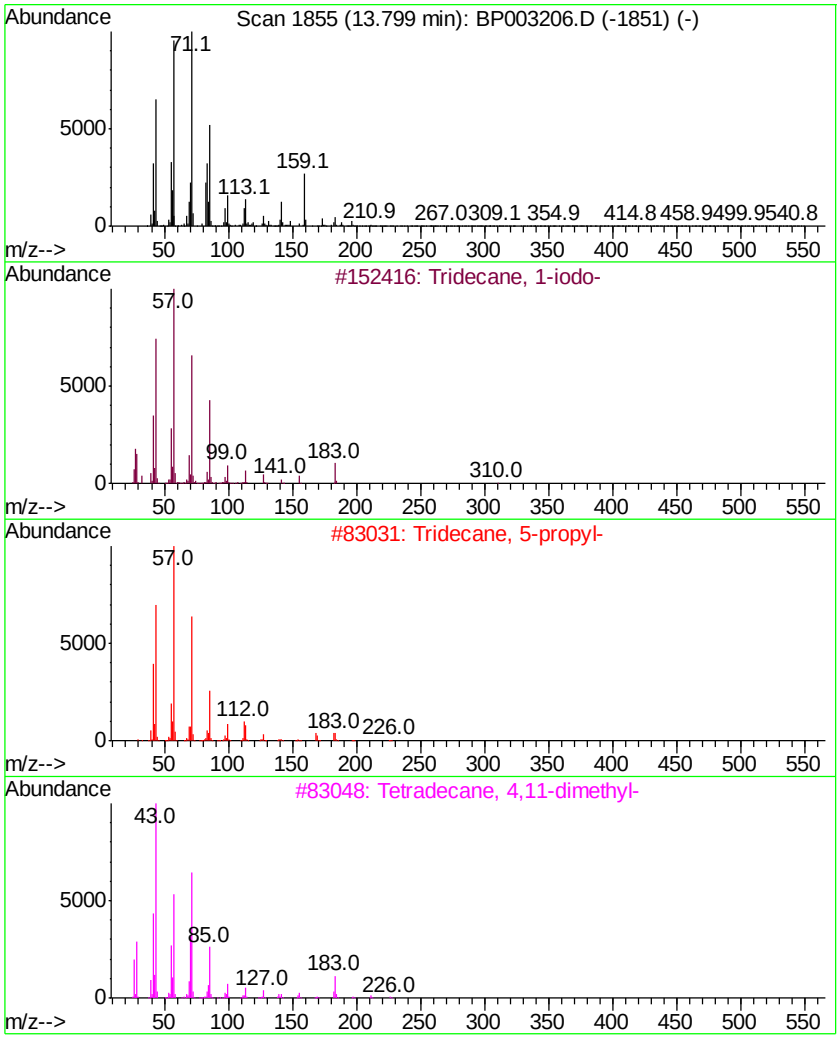
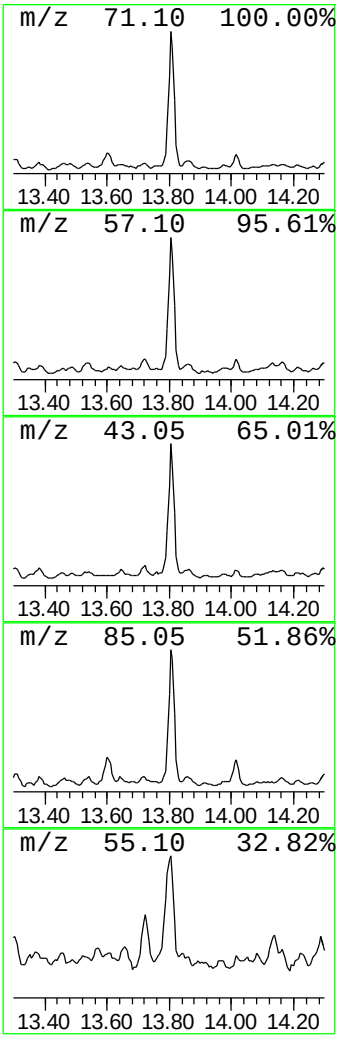
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	33.90 ng	706602	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58





Library Search Compound Report

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Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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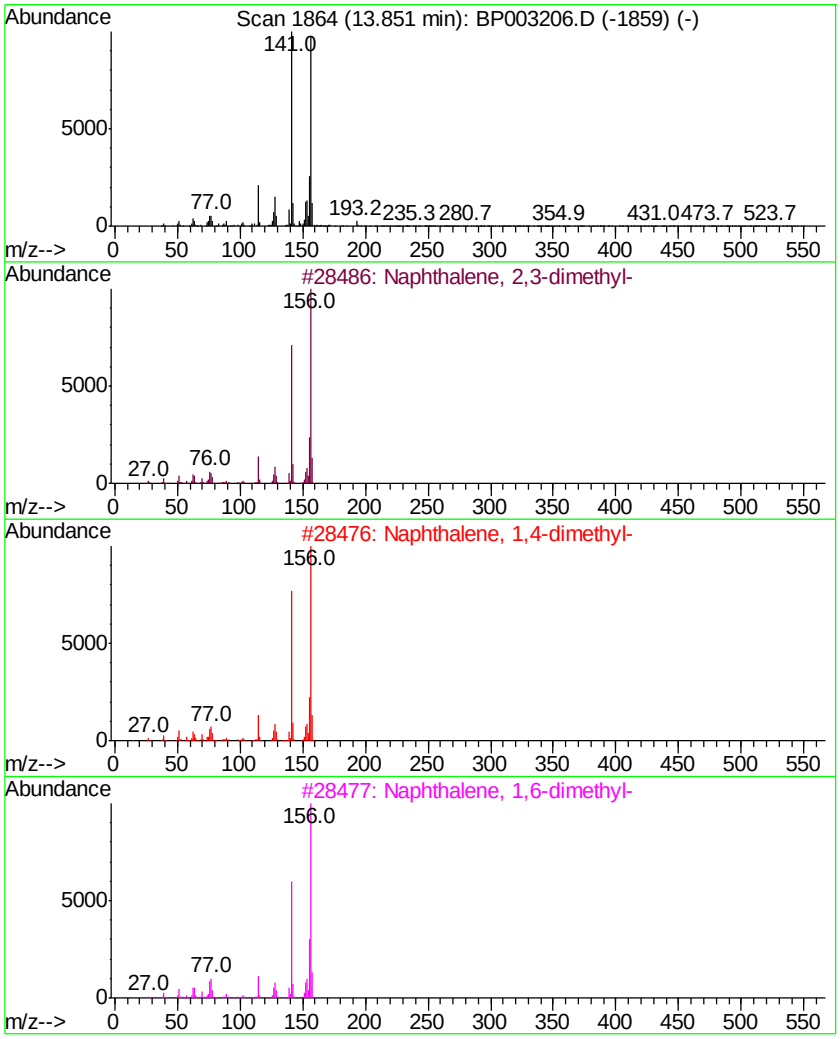
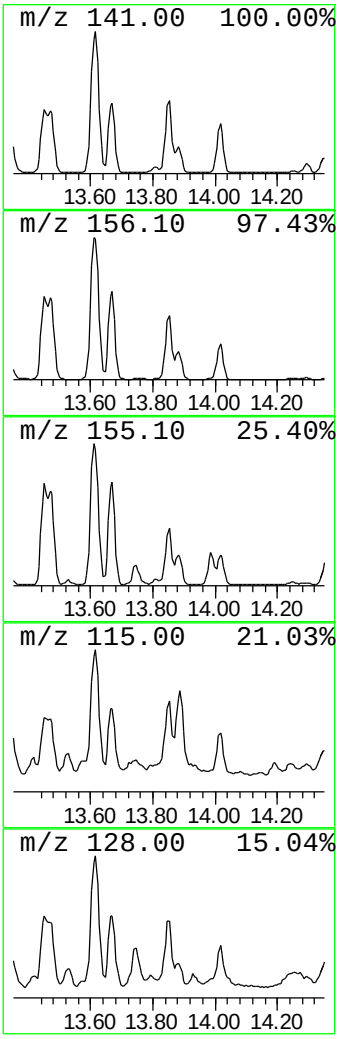
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	40.23 ng	838473	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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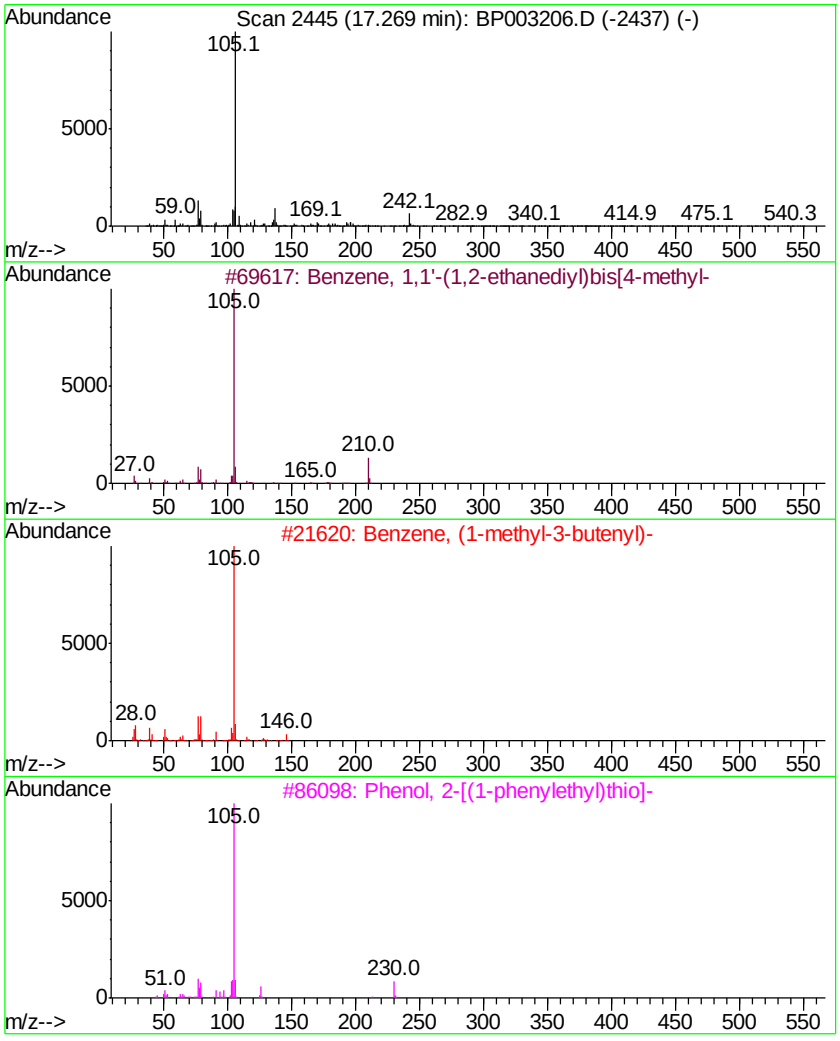
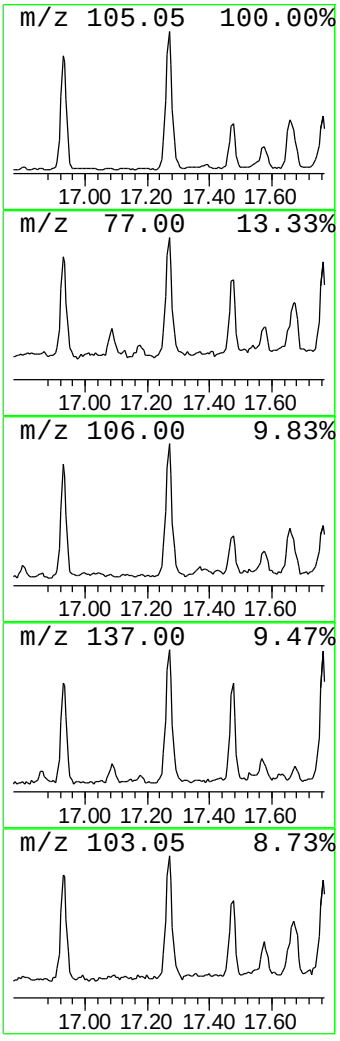
Peak Number 15 unknown17.27 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	35.16 ng	925842	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-ethanediyl)bi...	210	C16H18	000538-39-6	47
2	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	47
3	Phenol, 2-[(1-phenylethyl)thio]-	230	C14H14OS	029549-70-0	47
4	m-Xylyl bromide	184	C8H9Br	000620-13-3	43
5	1-Ethanone, 1-[4-[(4-methylpheny...	240	C16H16O2	1000338-24-3	43





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Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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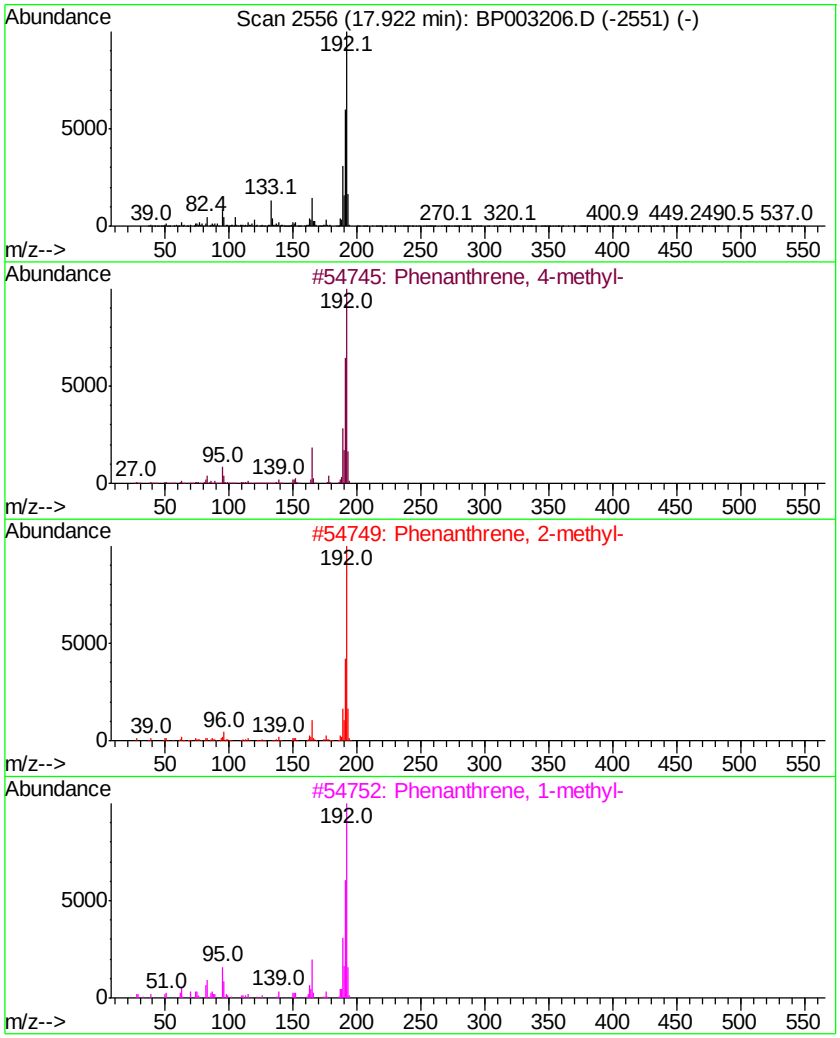
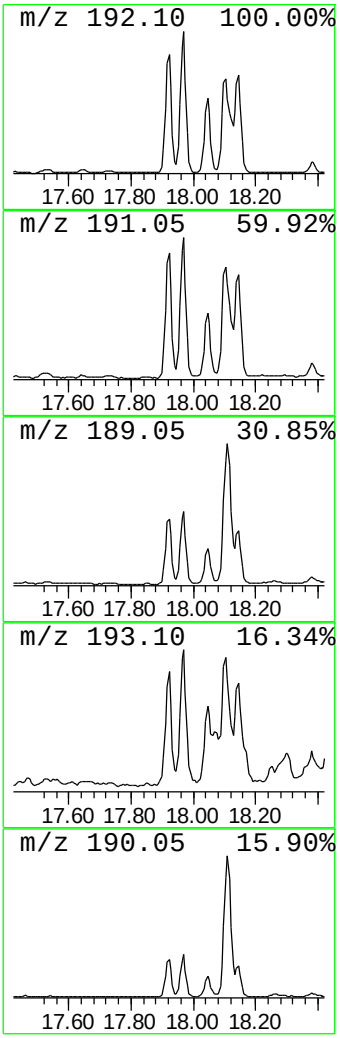
Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	56.08 ng	1476900	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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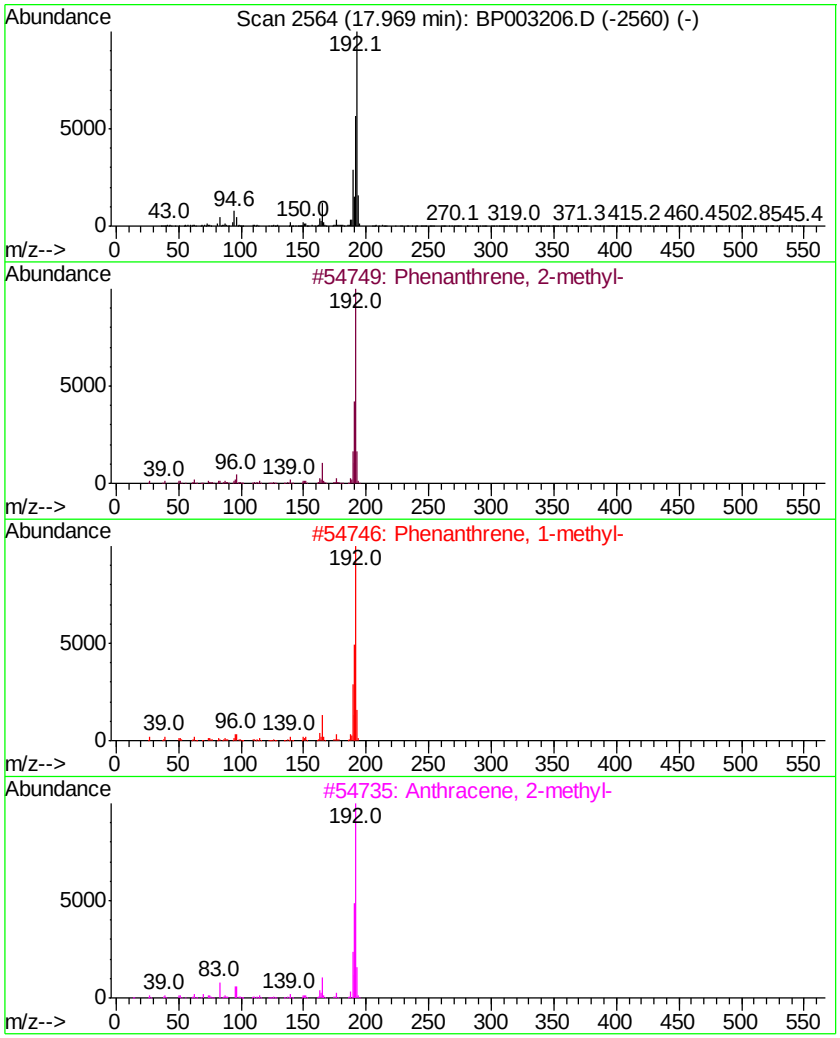
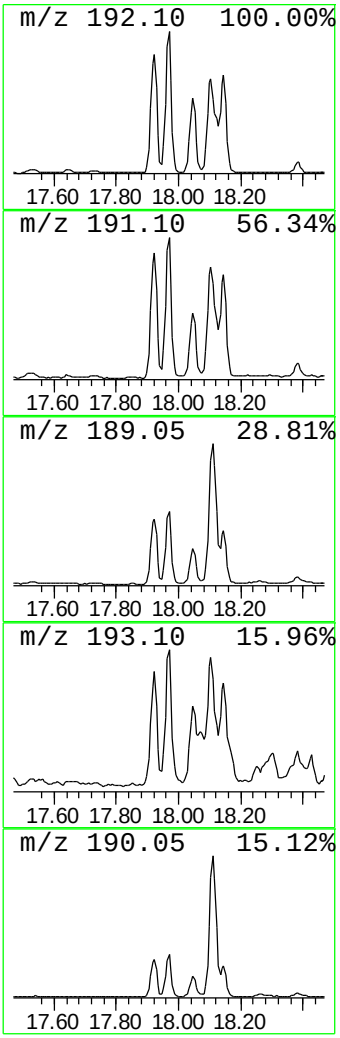
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	54.69 ng	1440080	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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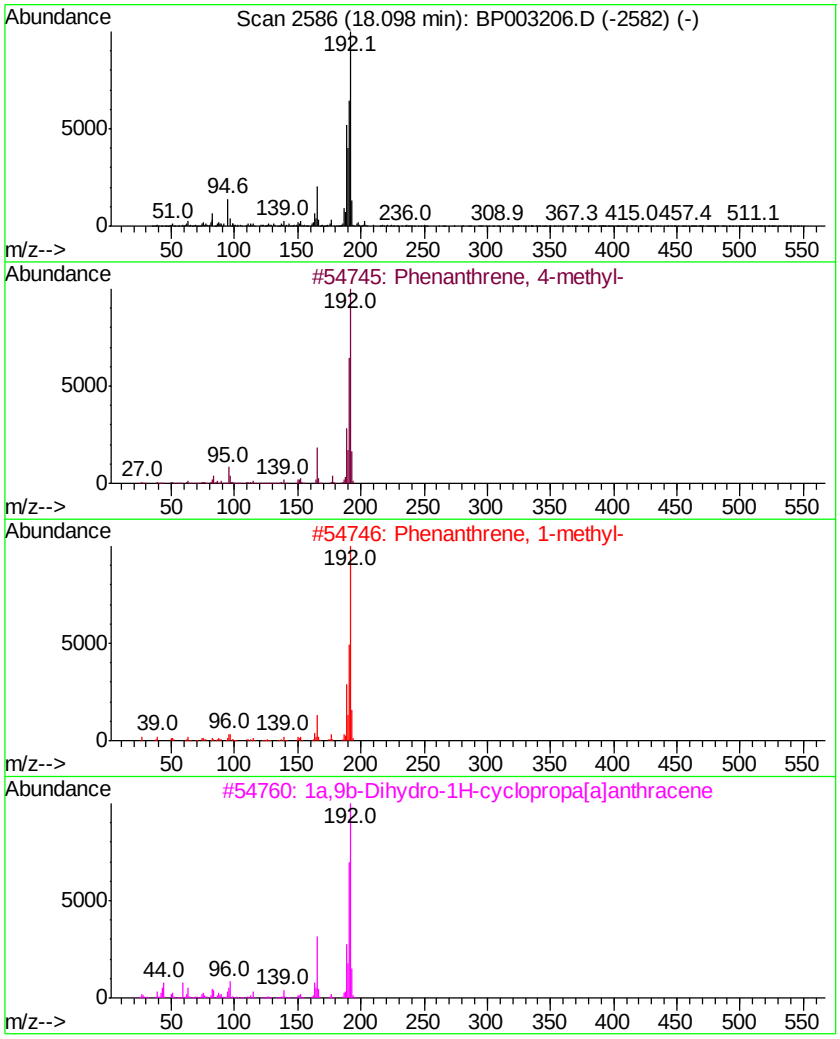
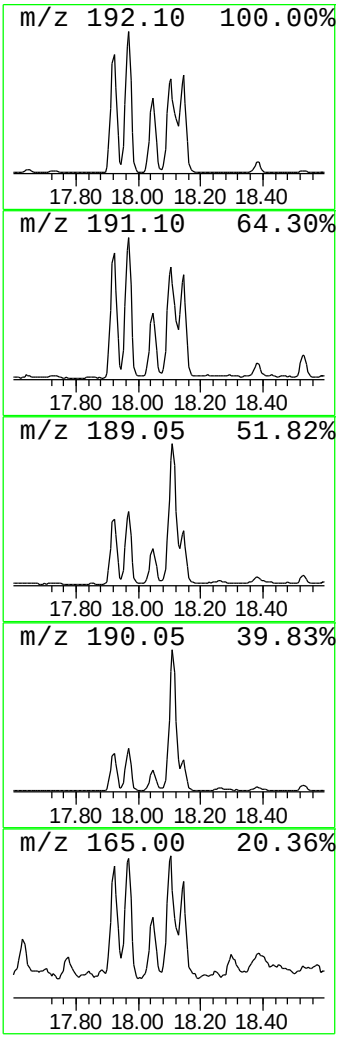
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	63.69 ng	1677290	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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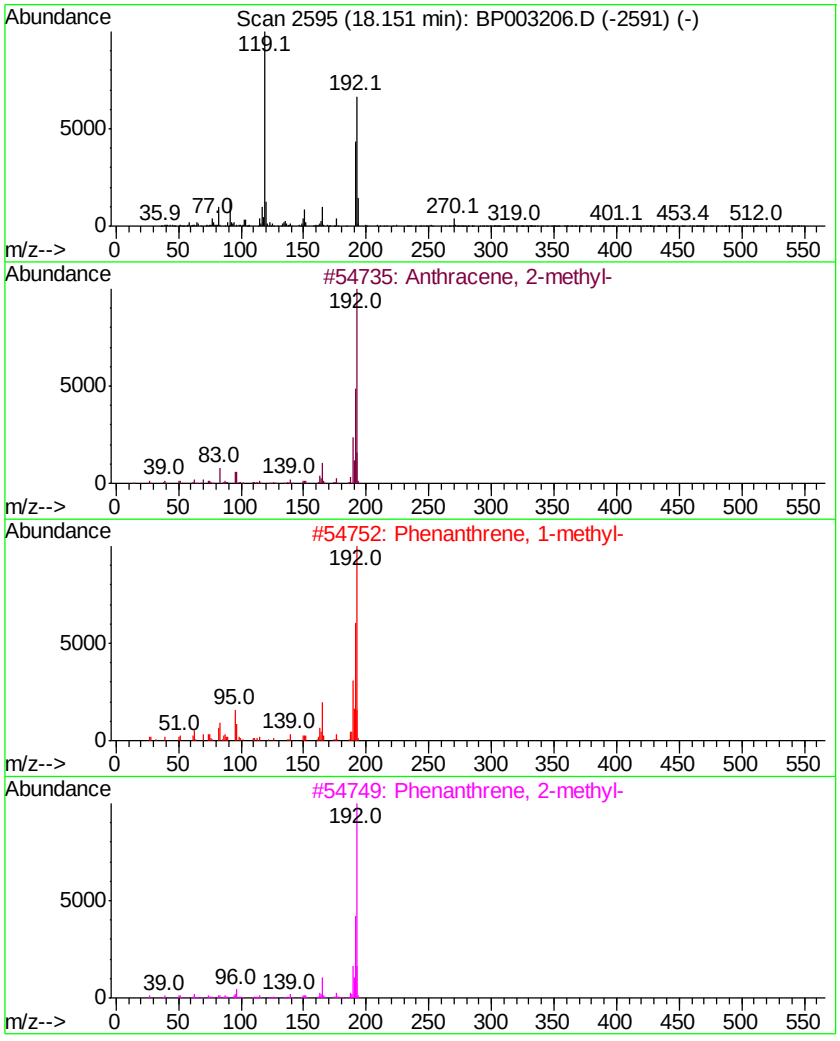
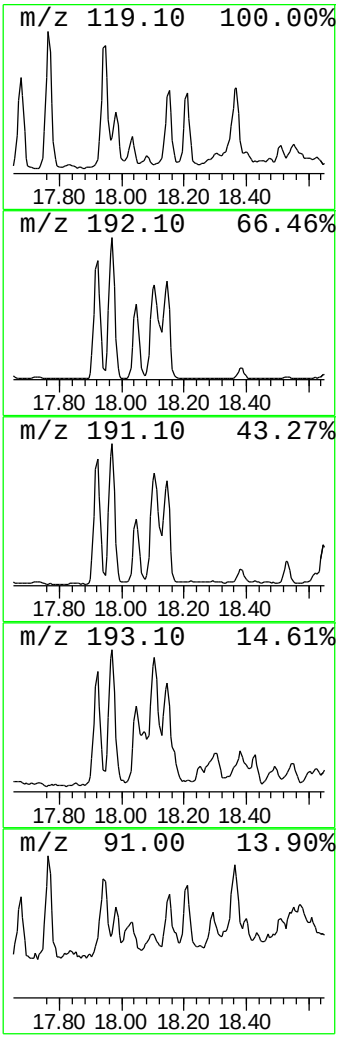
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	38.51 ng	1014160	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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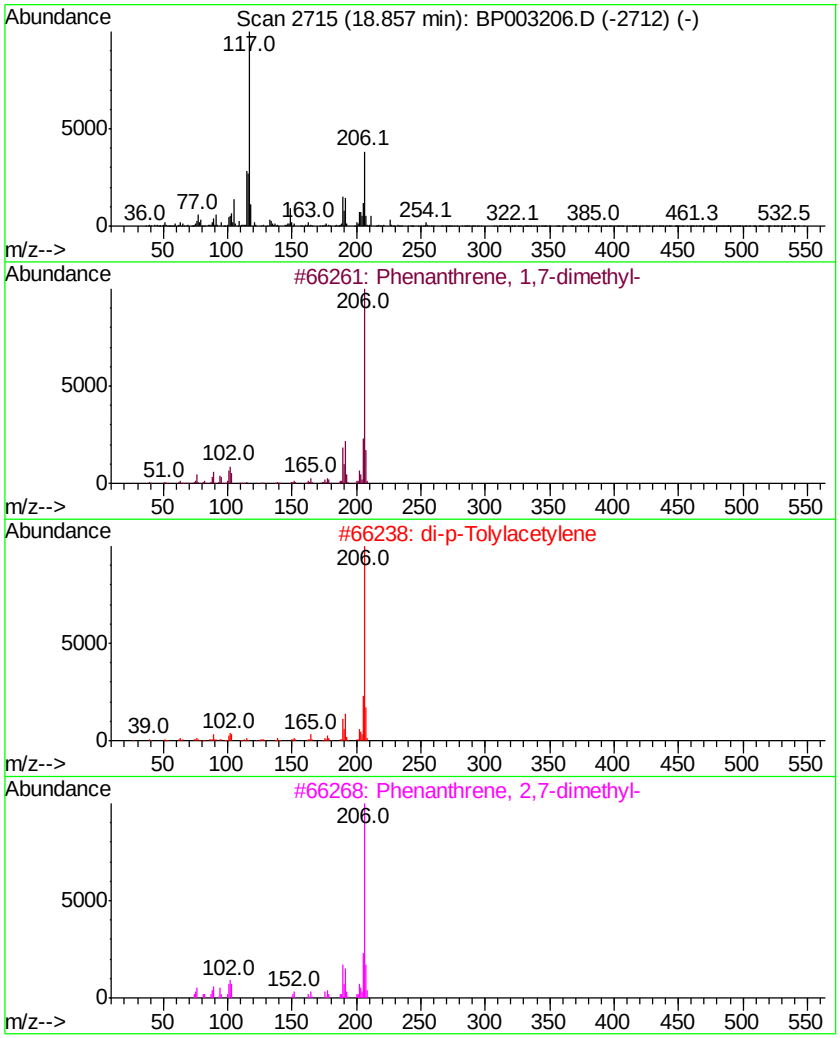
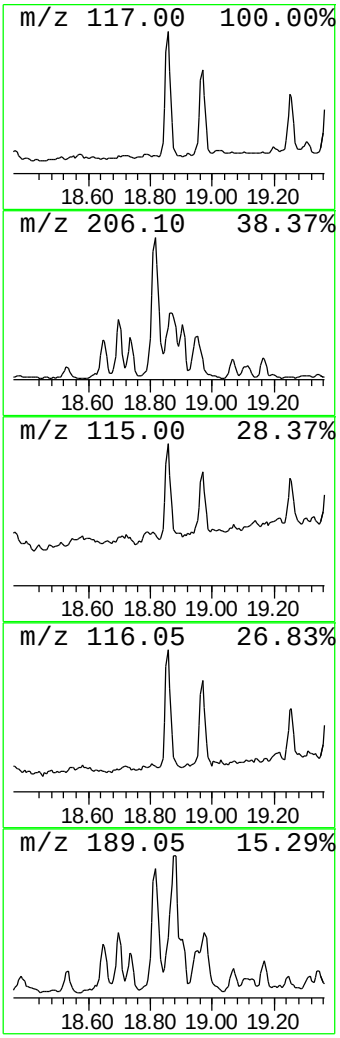
Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	32.61 ng	858738	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090420\
Data File : BP003206.D
Acq On : 04 Sep 2020 12:01
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
Styrene	5.66	114.0	ng	1758100	1	7.65	308447	20.0
Benzene, 1-etheny...	7.32	123.7	ng	1907300	1	7.65	308447	20.0
Benzene, 1-etheny...	7.40	54.7	ng	844137	1	7.65	308447	20.0
Indene	8.19	124.3	ng	1917130	1	7.65	308447	20.0
(E)-1-Phenyl-1-bu...	8.92	44.7	ng	689049	1	7.65	308447	20.0
Nonane, 2,6-dimet...	11.49	34.9	ng	1451680	2	10.43	832405	20.0
Heptadecane, 2,6,...	12.85	42.7	ng	890412	3	14.29	416848	20.0
Benzene, 1-(bromo...	13.17	50.9	ng	1061540	3	14.29	416848	20.0
Naphthalene, 2,6-...	13.45	42.7	ng	889369	3	14.29	416848	20.0
Naphthalene, 1,3-...	13.61	105.6	ng	2200860	3	14.29	416848	20.0
Naphthalene, 2,7-...	13.67	43.8	ng	911983	3	14.29	416848	20.0
unknown13.73	13.73	40.4	ng	842163	3	14.29	416848	20.0
Tridecane, 1-iodo-	13.80	33.9	ng	706602	3	14.29	416848	20.0
Naphthalene, 2,3-...	13.85	40.2	ng	838473	3	14.29	416848	20.0
unknown17.27	17.27	35.2	ng	925842	4	17.05	526682	20.0
Phenanthrene, 4-m...	17.92	56.1	ng	1476900	4	17.05	526682	20.0
Phenanthrene, 2-m...	17.97	54.7	ng	1440080	4	17.05	526682	20.0
Phenanthrene, 1-m...	18.10	63.7	ng	1677290	4	17.05	526682	20.0
Anthracene, 2-met...	18.15	38.5	ng	1014160	4	17.05	526682	20.0
Phenanthrene, 1,7...	18.86	32.6	ng	858738	4	17.05	526682	20.0