LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-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\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	2.917	3	5	52	rVB	455556	2176058	27.28%	2.015%
2	5.263	398	404	411	rBV	556612	806615	10.11%	0.747%
3	5.669	465	473	487	rBV	158630	311863	3.91%	0.289%
4	6.840	663	672	678	rBV	520605	861191	10.80%	0.797%
5	7.322	747	754	763	rBV2	219062	481864	6.04%	0.446%
6	7.399	763	767	778	rVB	106269	178461	2.24%	0.165%
7	7.652	803	810	816	rBV	988043	1512628	18.96%	1.401%
8	8.022	868	873	882	rVB	126107	202221	2.53%	0.187%
9	8.187	891	901	911	rBV	173160	338732	4.25%	0.314%
10	8.793	1000	1004	1009	rVV	339913	595522	7.46%	0.551%
11	9.457	1113	1117	1125	rVB	158132	245858	3.08%	0.228%
12	9.869	1177	1187	1193	rBV3	87137	246521	3.09%	0.228%
13	9.975	1201	1205	1212	rVB	110793	187386	2.35%	0.173%
14	10.428	1273	1282	1287	rBV	1309776	2315000	29.02%	2.143%
15	10.481	1287	1291	1300	rVV	338169	592396	7.43%	0.548%
16	10.946	1365	1370	1375	rBV	171009	262905	3.30%	0.243%
17	11.081	1386	1393	1398	rBV2	176591	338682	4.25%	0.314%
18	11.487	1457	1462	1466	rBV3	122812	237692	2.98%	0.220%
19	12.098	1558	1566	1577	rVB3	263882	643631	8.07%	0.596%
20	12.322	1599	1604	1615	rVB	541109	931109	11.67%	0.862%
21	12.740	1670	1675	1680	rVB2	104950	161843	2.03%	0.150%
22	12.851	1690	1694	1698	rVB2	130847	168363	2.11%	0.156%
23	12.910	1698	1704	1710	rVB	985556	1436611	18.01%	1.330%
24	13.087	1730	1734	1737	rBV	138866	192382	2.41%	0.178%
25	13.169	1744	1748	1755	rBV	100004	219141	2.75%	0.203%
26	13.457	1792	1797	1798	rBV2	268892	372435	4.67%	0.345%
27	13.616	1819	1824	1829	rVB	401172	665074	8.34%	0.616%
28	13.669	1829	1833	1838	rVB	238361	324991	4.07%	0.301%
29	13.728	1838	1843	1851	rBV3	269407	574386	7.20%	0.532%
30	13.804	1852	1856	1859	rBV2	130252	181946	2.28%	0.168%
31	13.851	1860	1864	1867	rBV2	214404	286115	3.59%	0.265%
32	14.016	1887	1892	1901	rBV2	357088	696686	8.73%	0.645%
33	14.134	1909	1912	1919	rVB2	205601	296226	3.71%	0.274%
34	14.292	1932	1939	1945	rBV2	1941612	2972726	37.26%	2.752%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.357	1945	1950	1954	rBV	312153	443410	5.56%	0.411%
36	14.510	1972	1976	1986	rVB3	124523	320862	4.02%	0.297%
37	14.698	2003	2008	2016	rVB2	280168	504846	6.33%	0.467%
38	14.775	2017	2021	2027	rVB	245982	364834	4.57%	0.338%
39	14.922	2042	2046	2051	rBV	184882	308221	3.86%	0.285%
40	14.975	2051	2055	2059	rVB	193538	271366	3.40%	0.251%
41	15.092	2069	2075	2078	rBV2	184131	326443	4.09%	0.302%
42	15.345	2113	2118	2123	rBV2	386844	583265	7.31%	0.540%
43	15.469	2137	2139	2143	rVB2	116058	128491	1.61%	0.119%
44	15.786	2189	2193	2201	rVB2	816863	1327191	16.64%	1.229%
45	16.069	2238	2241	2249	rVB2	346777	513601	6.44%	0.476%
46	16.169	2254	2258	2262	rBV2	109290	164193	2.06%	0.152%
47	16.351	2284	2289	2294	rBV3	164719	294609	3.69%	0.273%
48	16.404	2295	2298	2301	rBV2	156895	203956	2.56%	0.189%
49	16.704	2346	2349	2356	rVB4	153543	248956	3.12%	0.231%
50	16.863	2373	2376	2378	rBV	143647	175047	2.19%	0.162%
51	17.045	2402	2407	2411	rBV	2116494	3156621	39.57%	2.923%
52	17.086	2411	2414	2420	rVB	2904905	4046399	50.72%	3.746%
53	17.181	2425	2430	2436	rVB	784110	1112483	13.95%	1.030%
54	17.245	2437	2441	2442	rBV2	152434	202800	2.54%	0.188%
55	17.451	2473	2476	2477	rBV	138084	142996	1.79%	0.132%
56	17.575	2494	2497	2501	rVB2	187567	221896	2.78%	0.205%
57	17.633	2503	2507	2511	rVB	196320	251685	3.15%	0.233%
58	17.769	2526	2530	2537	rVB2	319574	500339	6.27%	0.463%
59	17.922	2552	2556	2560	rBV	820326	1255911	15.74%	1.163%
60	17.969	2560	2564	2570	rVB	1338398	1962841	24.60%	1.817%
61	18.045	2573	2577	2581	rVB2	408379	544009	6.82%	0.504%
62	18.110	2583	2588	2592	rVV2	1017253	1862563	23.35%	1.725%
63	18.145	2592	2594	2601	rVB3	742810	931171	11.67%	0.862%
64	18.216	2602	2606	2610	rBV2	466661	711715	8.92%	0.659%
65	18.263	2610	2614	2618	rVB2	421582	565783	7.09%	0.524%
66	18.363	2628	2631	2635	rBV2	196186	272120	3.41%	0.252%
67	18.410	2635	2639	2642	rVV	522175	725819	9.10%	0.672%
68	18.445	2642	2645	2653	rVB4	239684	461827	5.79%	0.428%
69	18.651	2677	2680	2683	rVB	227198	250843	3.14%	0.232%
70	18.698	2685	2688	2692	rBV3	324966	475474	5.96%	0.440%
71	18.816	2704	2708	2712	rVB	660473	923392	11.57%	0.855%

LSC Area Percent Report

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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.875	2713	2718	2721	rBV5	313625	585824	7.34%	0.542%
73	18.951	2727	2731	2738	rBV3	498880	933969	11.71%	0.865%
74	19.069	2746	2751	2756	rVB	5205362	6610688	82.87%	6.121%
75	19.216	2772	2776	2780	rVB	268901	376902	4.72%	0.349%
76	19.304	2789	2791	2795	rBV3	192145	223666	2.80%	0.207%
77	19.422	2803	2811	2819	rVB	5256693	7977614	100.00%	7.386%
78	19.498	2820	2824	2830	rVB2	387842	722556	9.06%	0.669%
79	19.592	2837	2840	2842	rBV2	304445	395821	4.96%	0.366%
80	19.622	2842	2845	2848	rVB	1257503	1334472	16.73%	1.236%
81	19.739	2860	2865	2876	rBV5	557332	1428492	17.91%	1.323%
82	19.904	2884	2893	2897	rVB2	982395	2157305	27.04%	1.997%
83	20.004	2907	2910	2914	rVB	574911	632042	7.92%	0.585%
84	20.057	2915	2919	2923	rVV2	800254	1101089	13.80%	1.019%
85	20.198	2939	2943	2946	rBV	586466	700663	8.78%	0.649%
86	20.239	2946	2950	2954	rVV	628825	751590	9.42%	0.696%
87	20.633	3014	3017	3024	rVB	486330	764544	9.58%	0.708%
88	20.833	3048	3051	3054	rVB	440132	434048	5.44%	0.402%
89	20.869	3054	3057	3062	rBV3	491688	785625	9.85%	0.727%
90	21.133	3097	3102	3107	rBV2	3596458	6991485	87.64%	6.473%
91	21.180	3107	3110	3120	rVB	2685121	3486135	43.70%	3.228%
92	21.298	3127	3130	3134	rBV2	283640	461974	5.79%	0.428%
93	21.686	3194	3196	3201	rVB	719438	794662	9.96%	0.736%
94	21.739	3202	3205	3211	rVB	569040	723146	9.06%	0.670%
95	22.710	3364	3370	3375	rBV	1954604	4526337	56.74%	4.191%
96	23.186	3446	3451	3459	rVB	1382929	2610022	32.72%	2.417%
97	23.280	3462	3467	3475	rVB	2038910	3793630	47.55%	3.512%
98	23.380	3478	3484	3488	rBV2	1289874	2449015	30.70%	2.267%
99	25.651	3865	3870	3880	rVB	1129587	2917664	36.57%	2.701%
100	26.351	3983	3989	4002	rVB	931732	2561212	32.10%	2.371%

Sum of corrected areas: 108005430

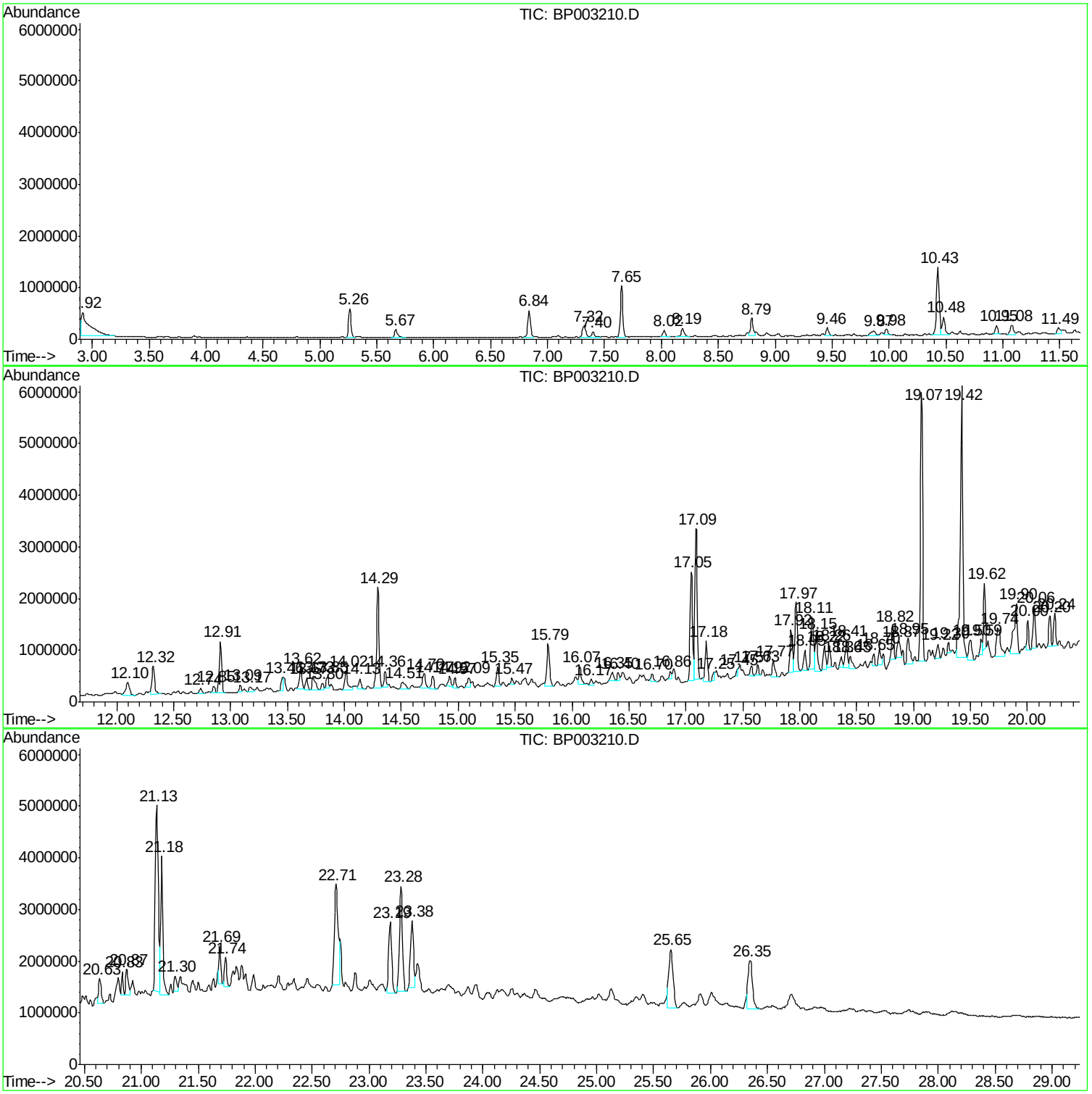
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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 : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

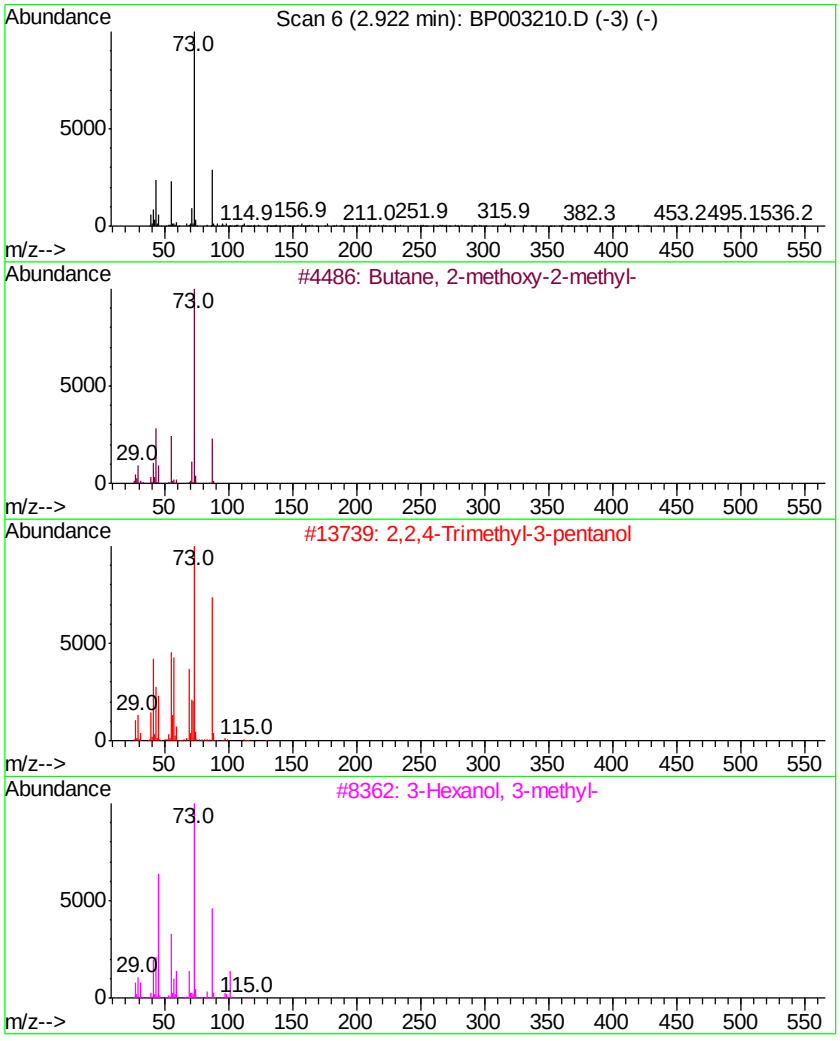
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

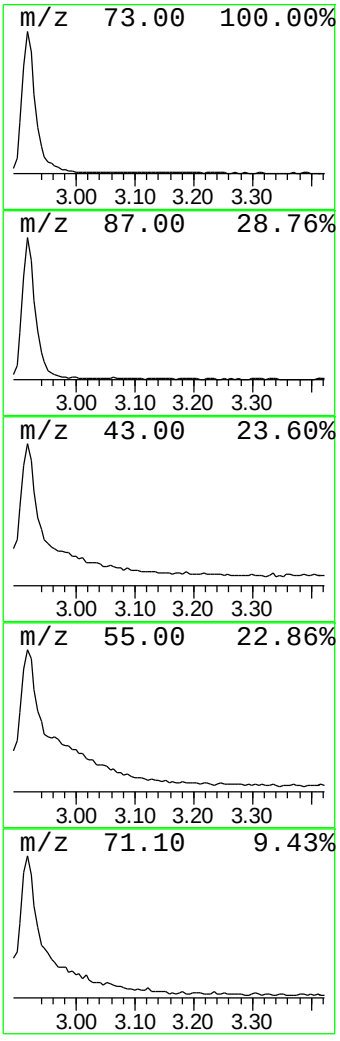
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	28.77 ng	2176060	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	28
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

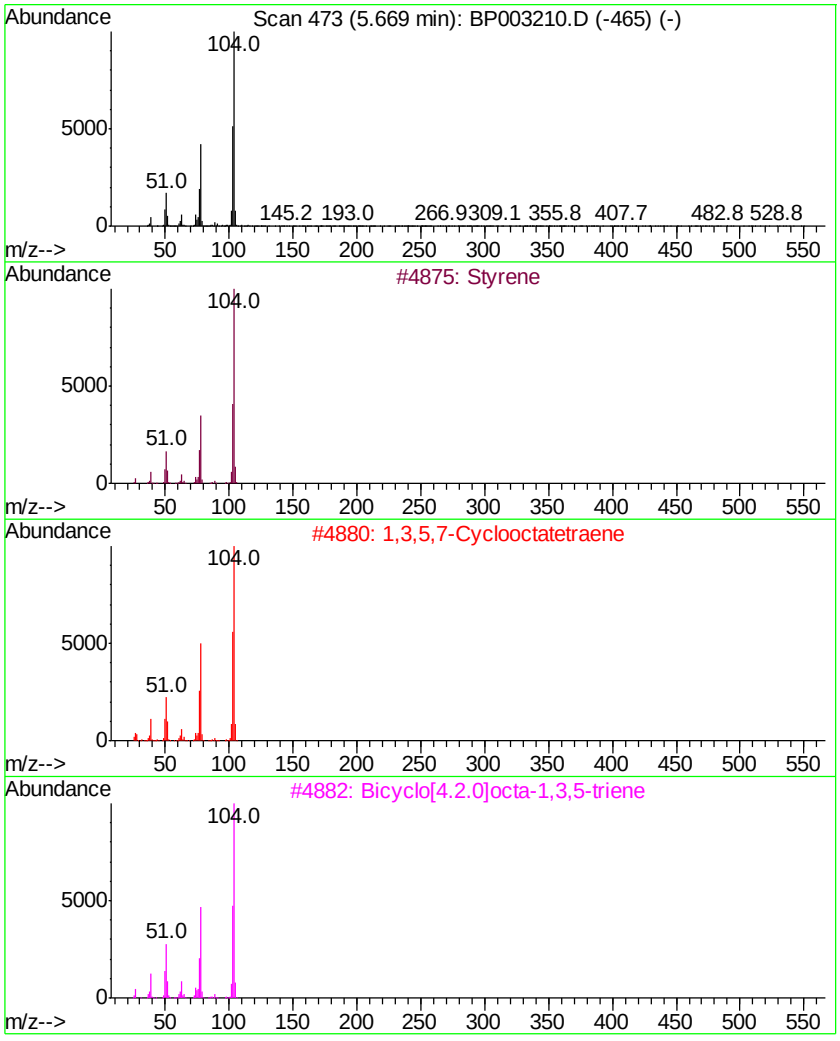
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

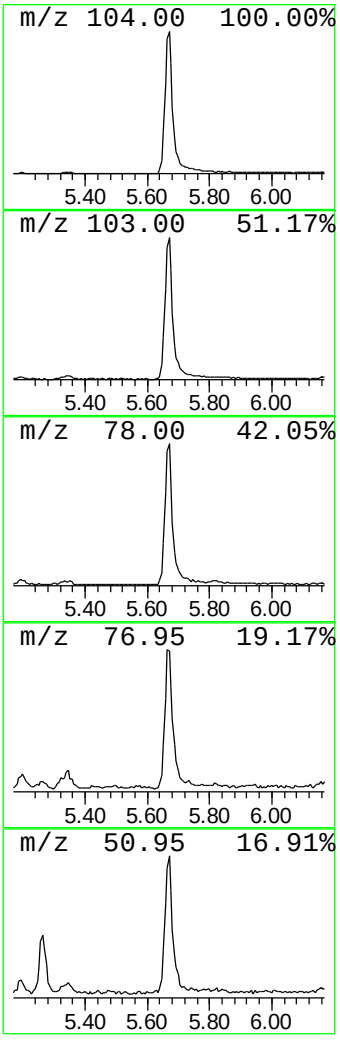
****

Peak Number 2 Styrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	4.12 ng	311863	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	94
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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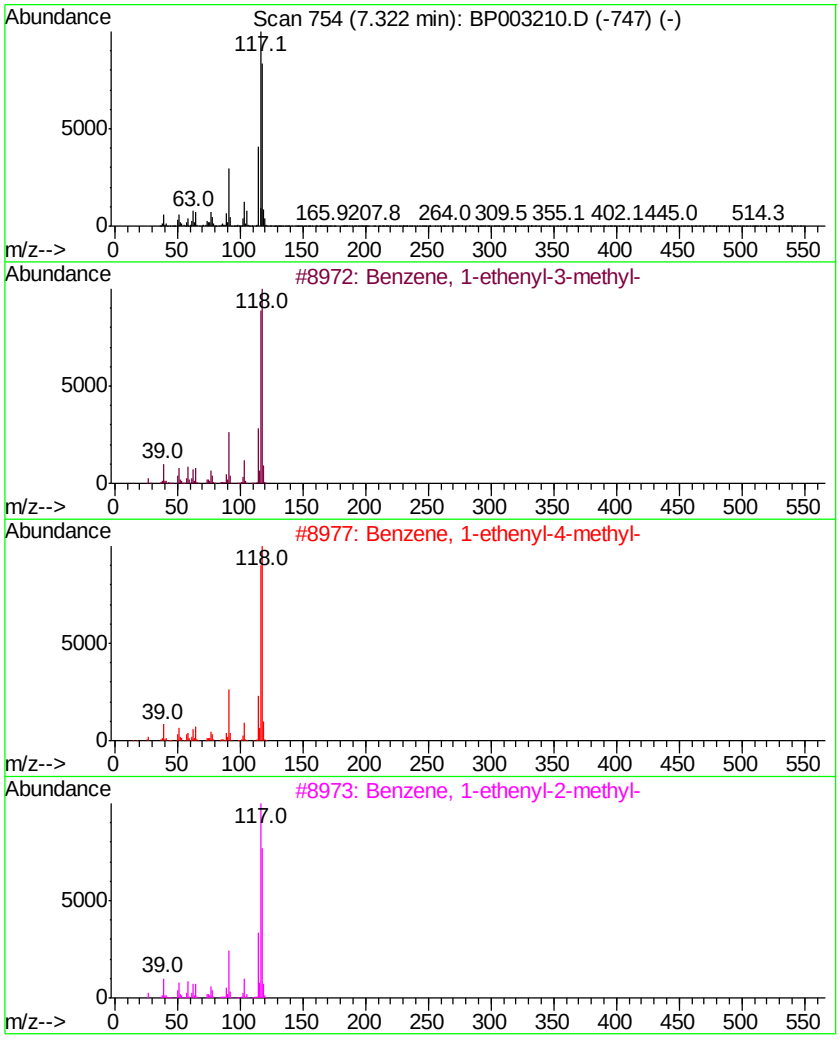
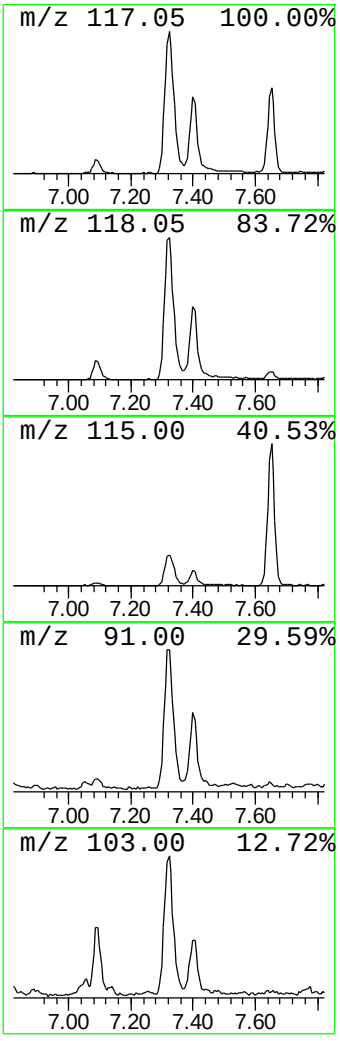
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	6.37 ng	481864	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, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

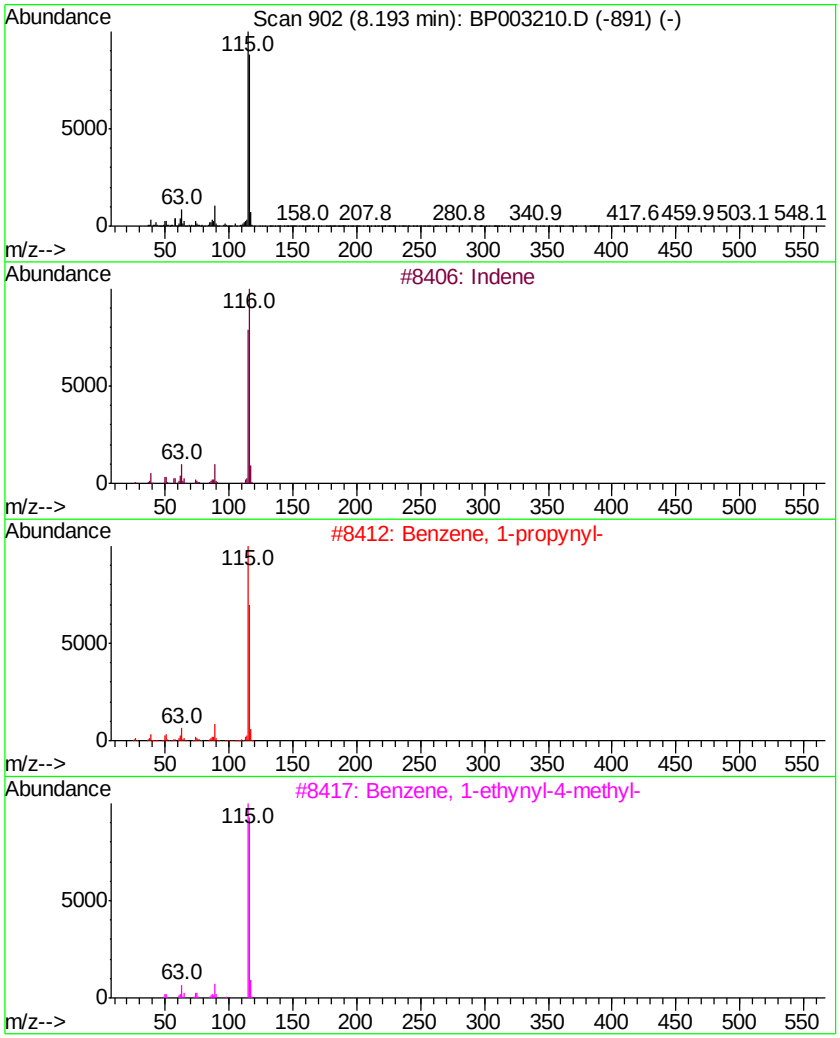
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

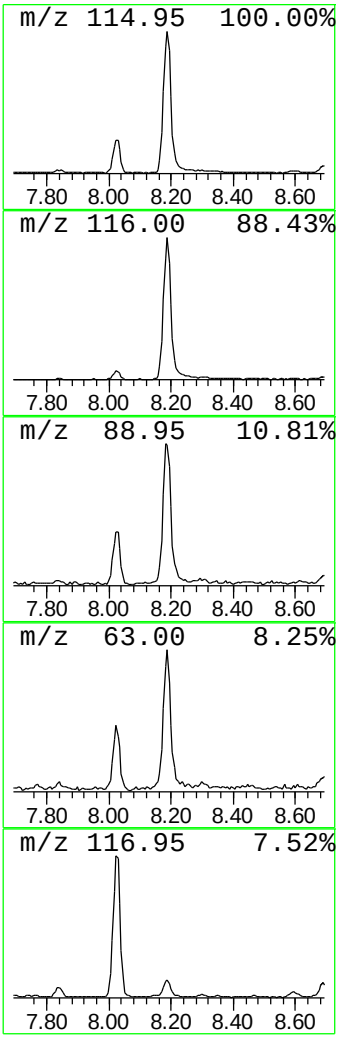
****

Peak Number 4 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.48 ng	338732	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

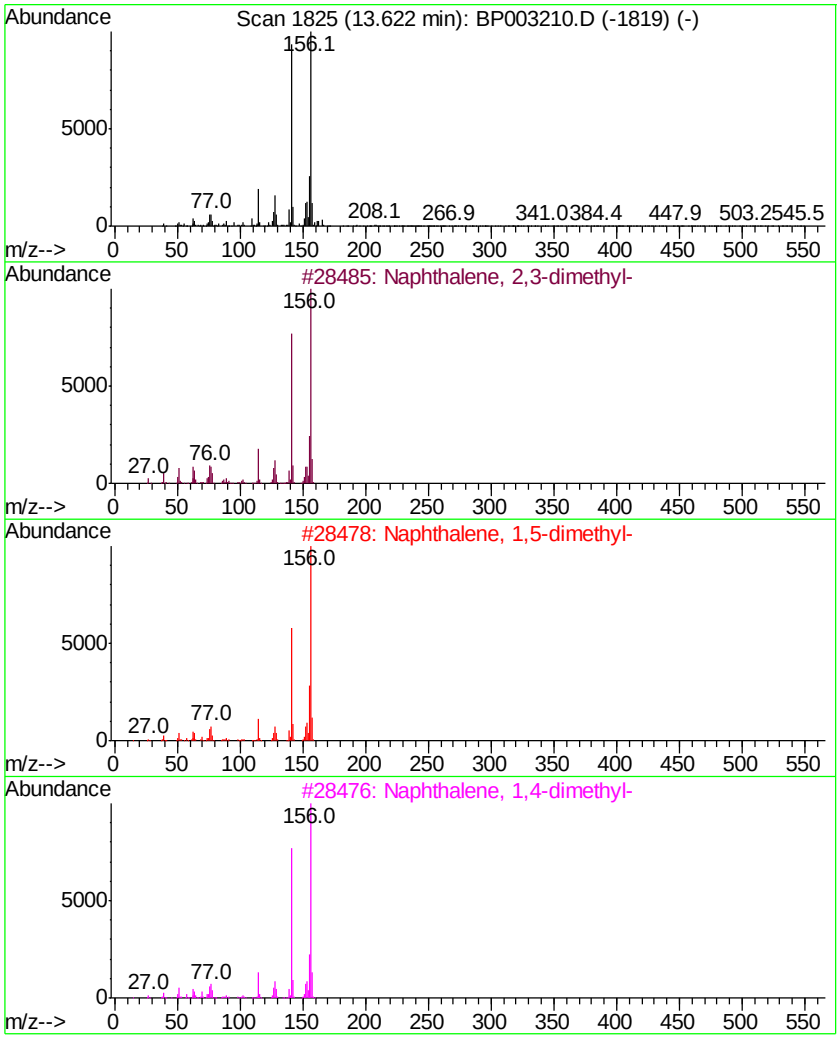
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

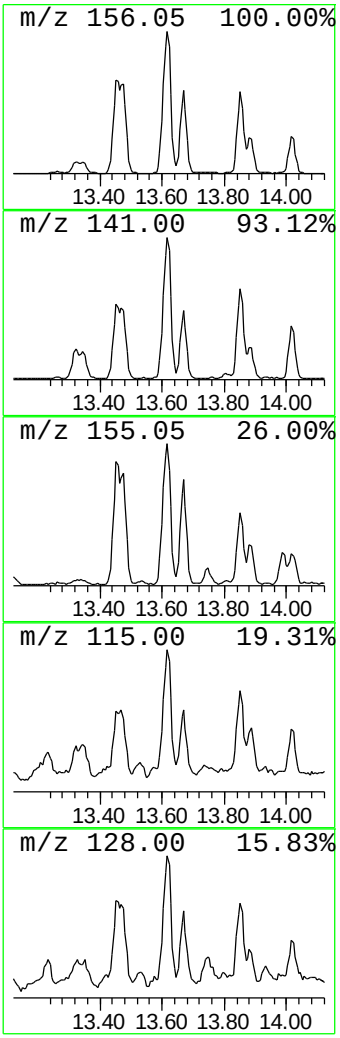
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.47 ng	665074	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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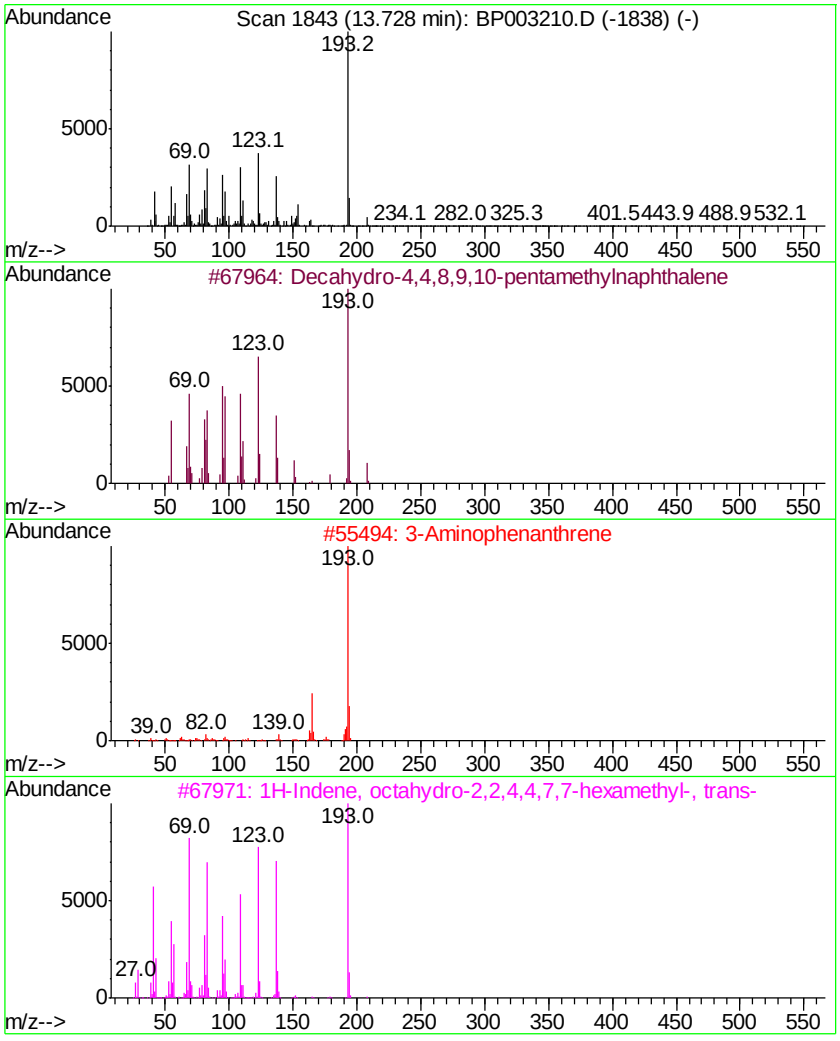
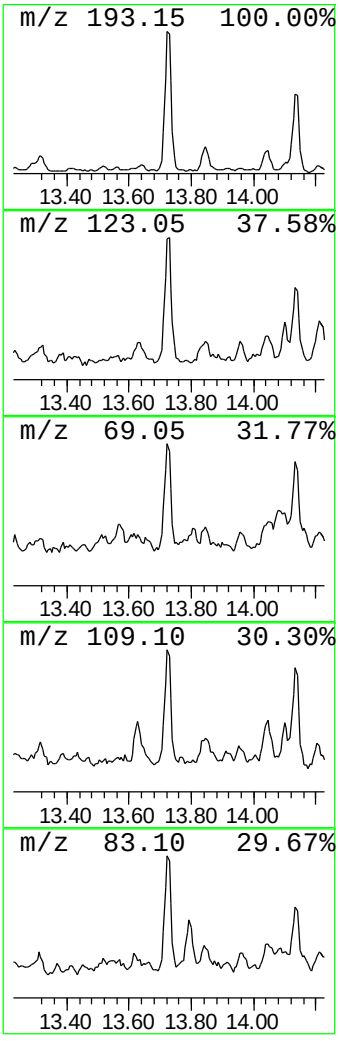
Peak Number 6 unknown13.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.86 ng	574386	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	3-Aminophenanthrene	193	C14H11N	001892-54-2	35
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
4	3-Phenylindole	193	C14H11N	001504-16-1	35
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	35





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Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

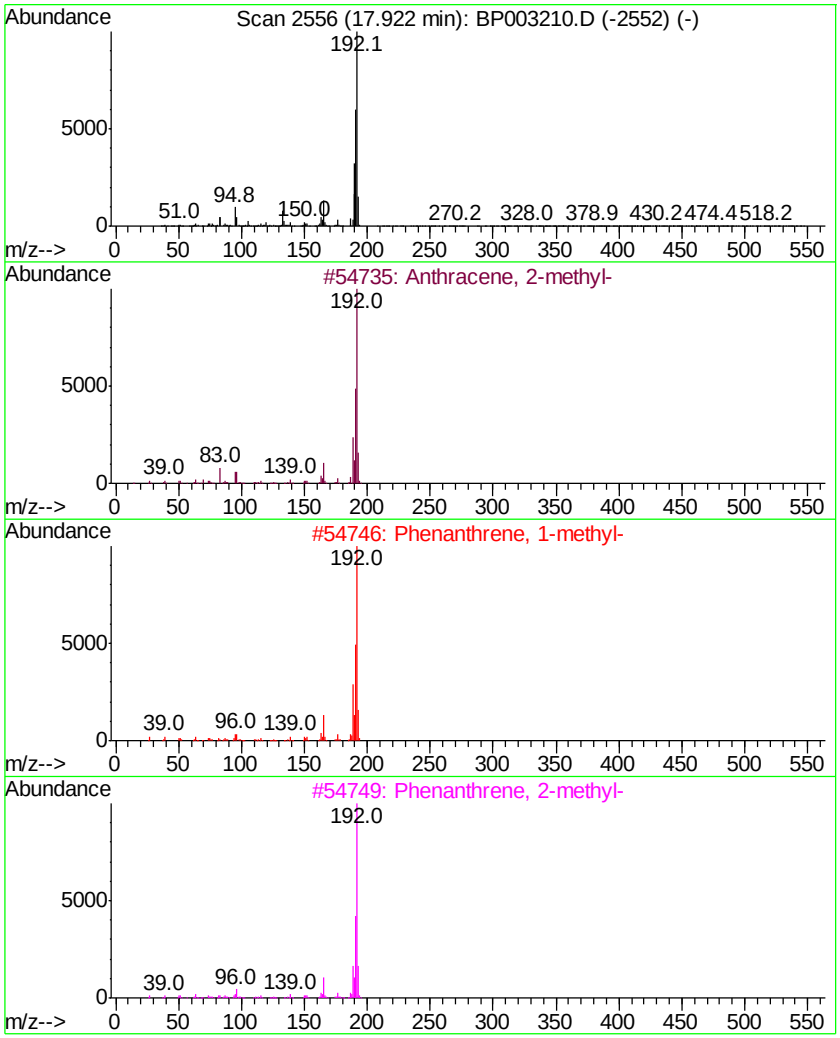
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

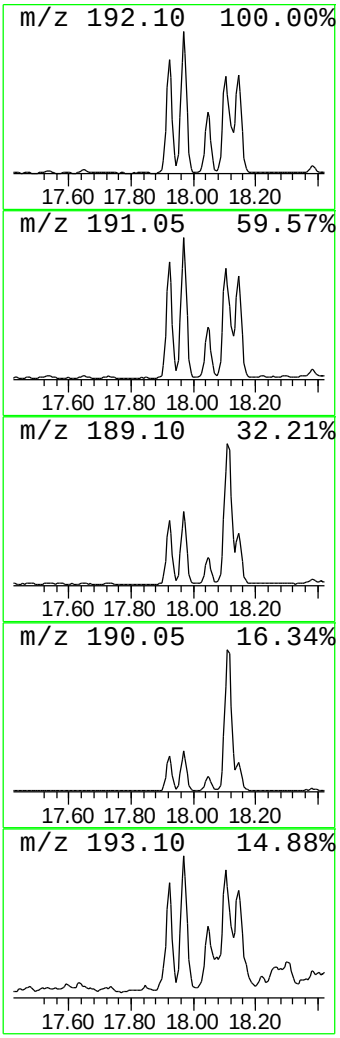
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.96 ng	1255910	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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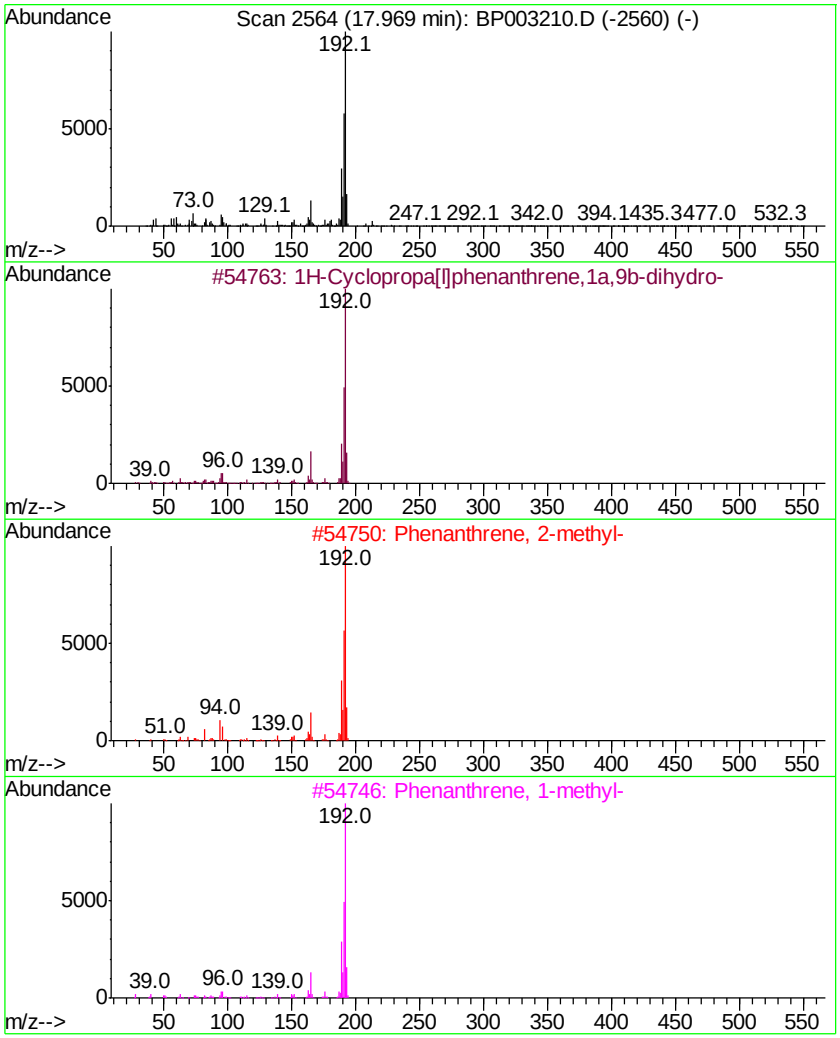
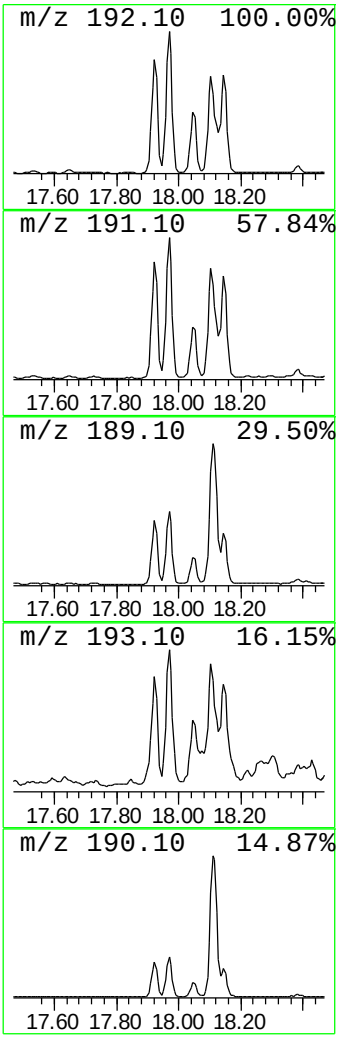
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	12.44 ng	1962840	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

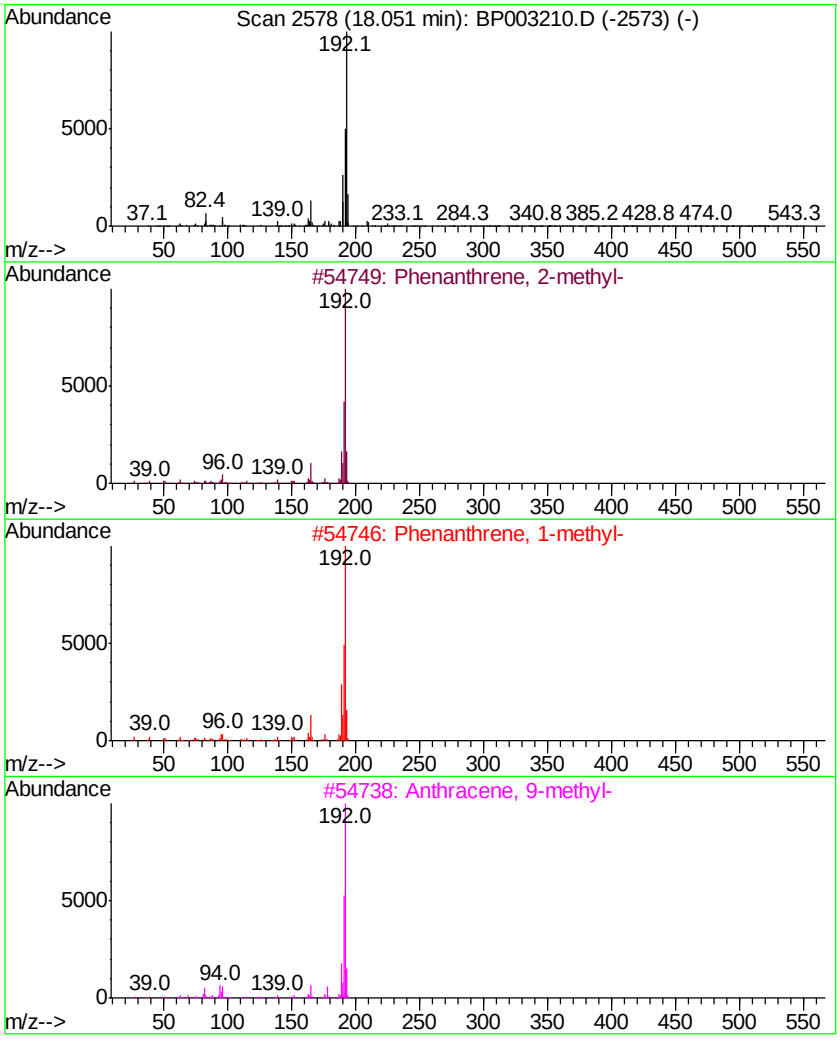
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

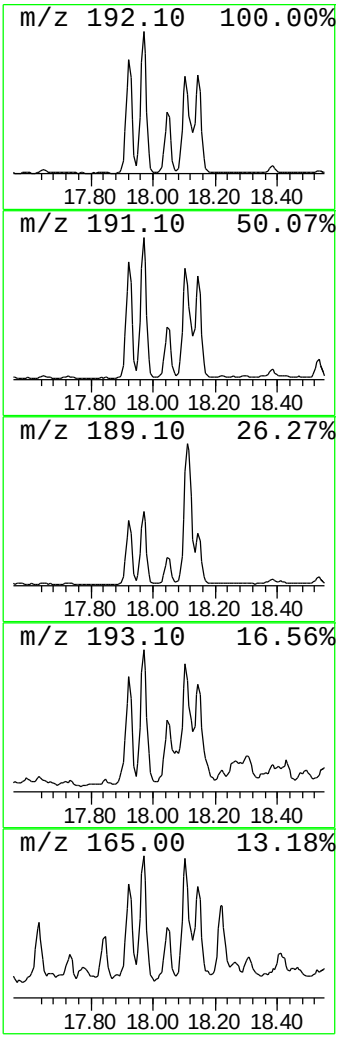
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.45 ng	544009	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

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Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

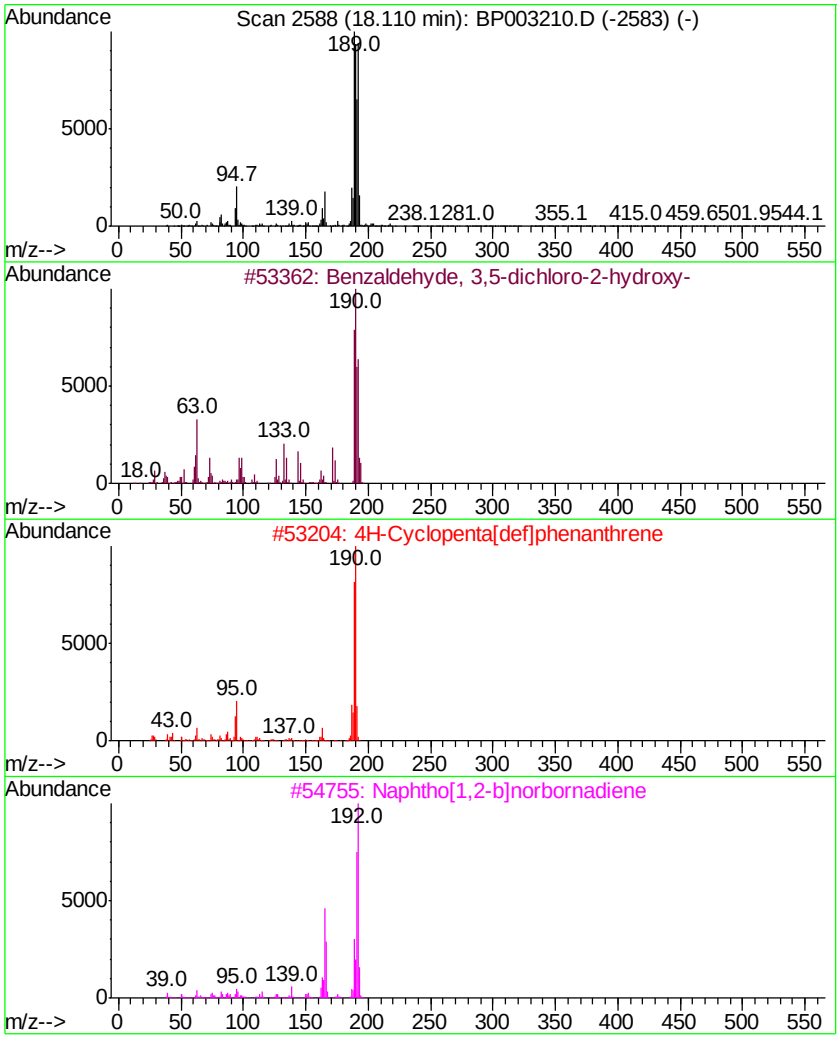
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

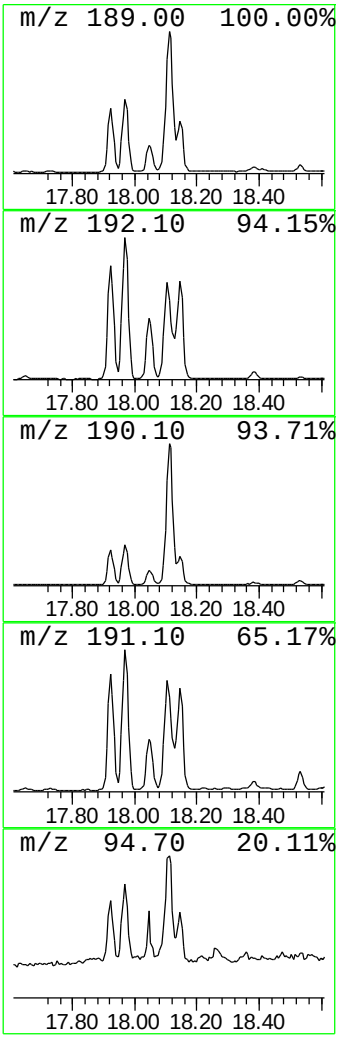
****

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	11.80 ng	1862560	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41





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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

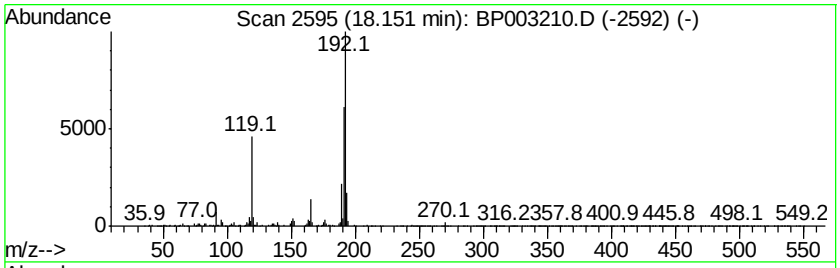
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

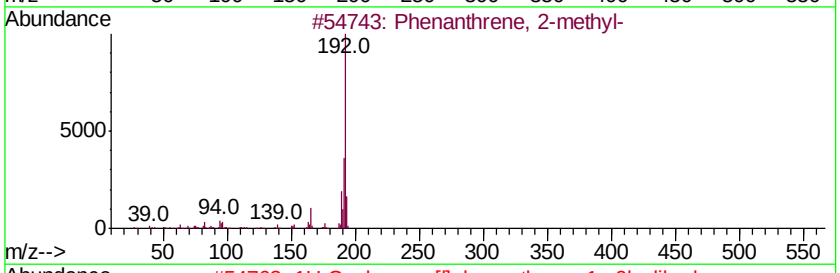
****

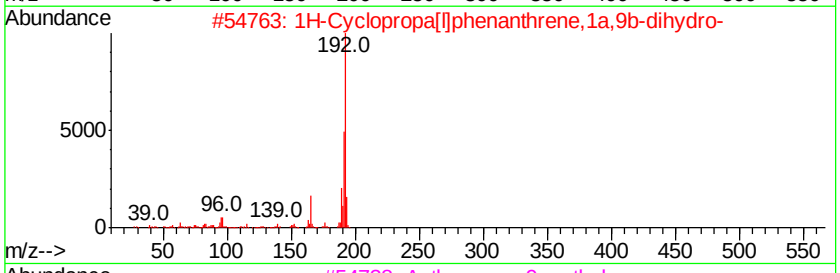
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 9

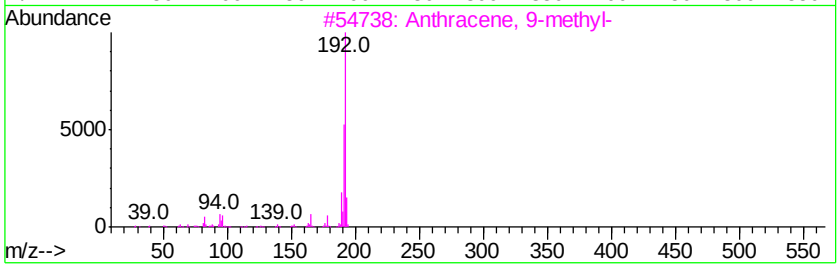
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	5.90 ng	931171	Phenanthrene-d10	17.05

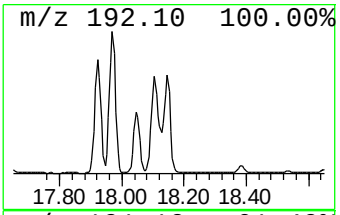
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89

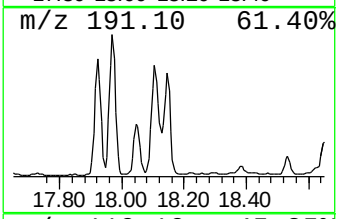


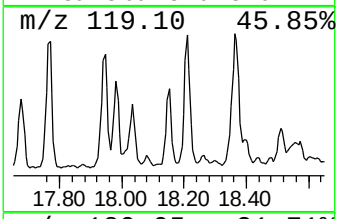


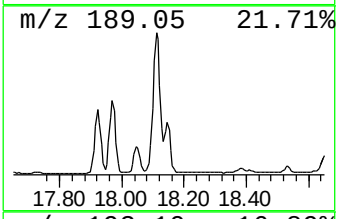


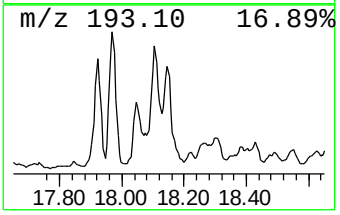












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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

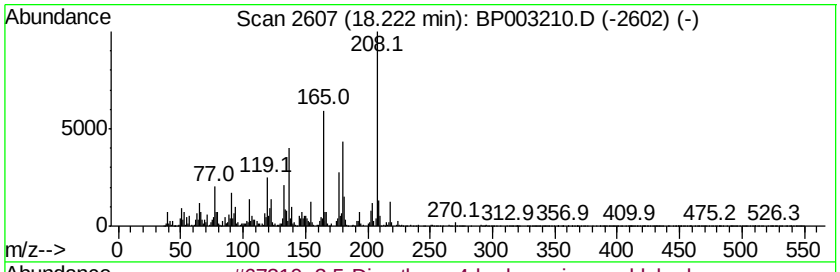
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

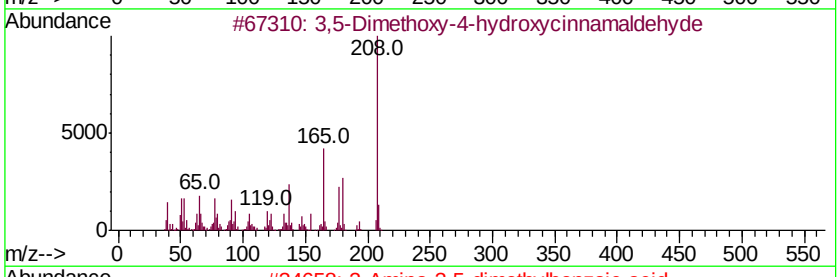
****

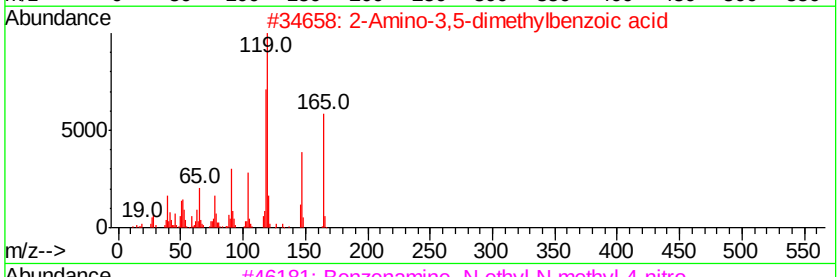
Peak Number 12 unknown18.22 Concentration Rank 12

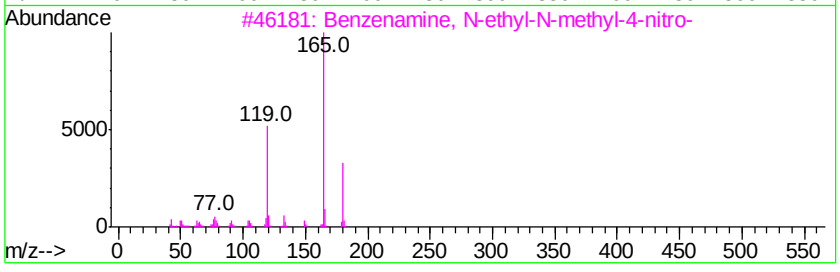
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.51 ng	711715	Phenanthrene-d10	17.05

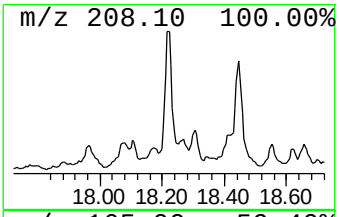
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	46
2	2-Amino-3,5-dimethylbenzoic acid	165	C9H11NO2	014438-32-5	38
3	Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	25
4	Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	25
5	o-Cymene	134	C10H14	000527-84-4	25

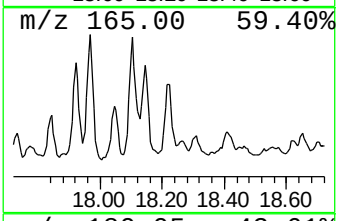


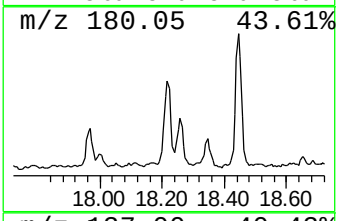


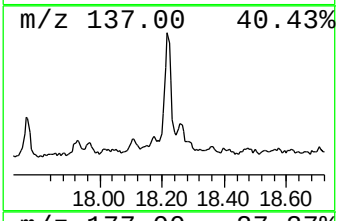


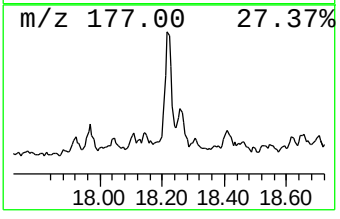












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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

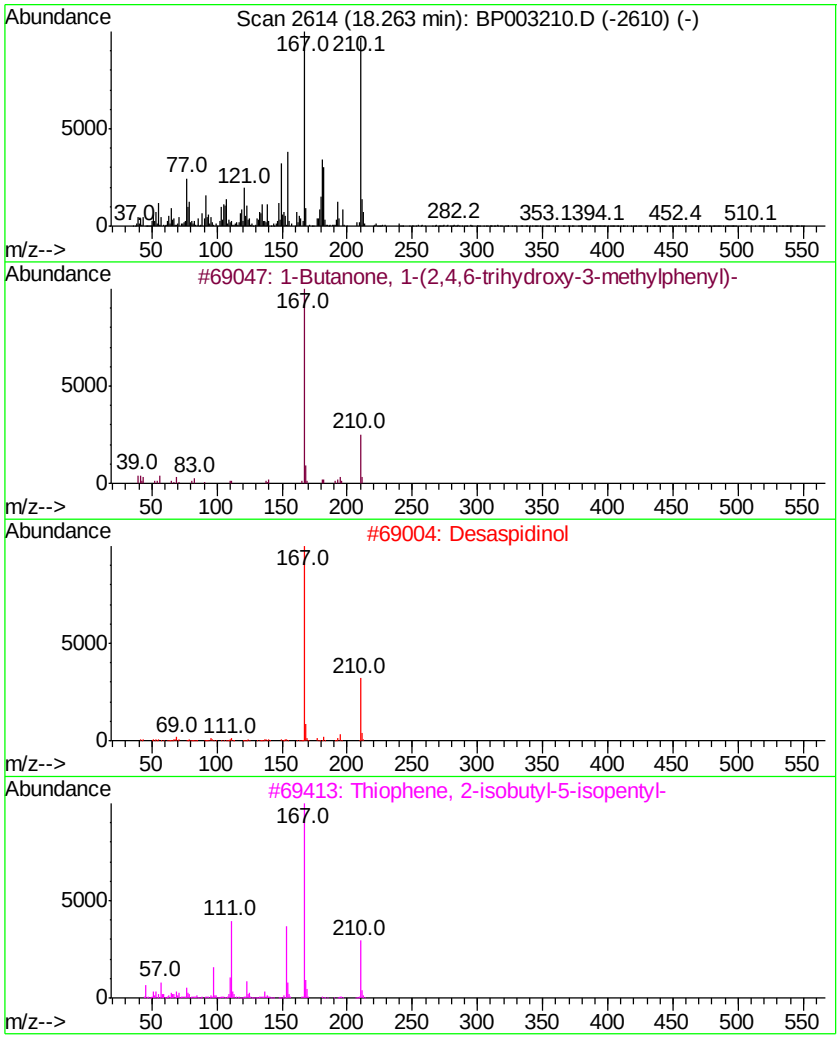
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

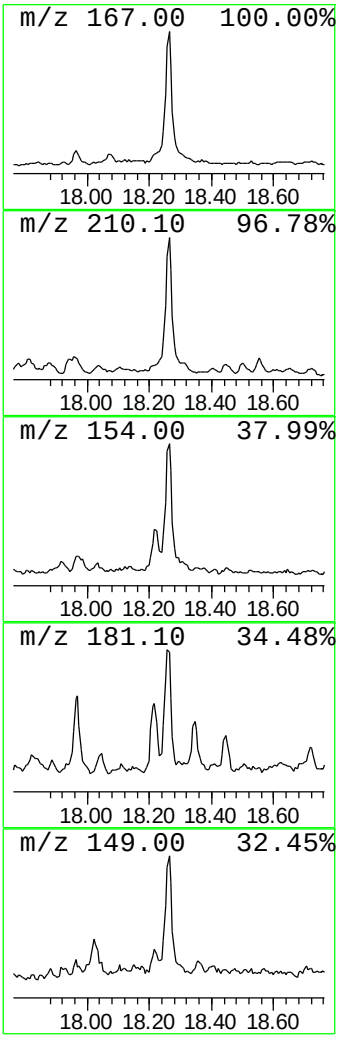
****

Peak Number 13 1-Butanone, 1-(2,4,6-trihyd... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.58 ng	565783	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-(2,4,6-trihydroxy-...	210	C11H14O4	001509-06-4	52
2	Desaspidinol	210	C11H14O4	000437-72-9	52
3	Thiophene, 2-isobutyl-5-isopentyl-	210	C13H22S	004806-10-4	50
4	2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	50
5	1-Hydroxy-6-methylphenazine	210	C13H10N2O	014031-08-4	38





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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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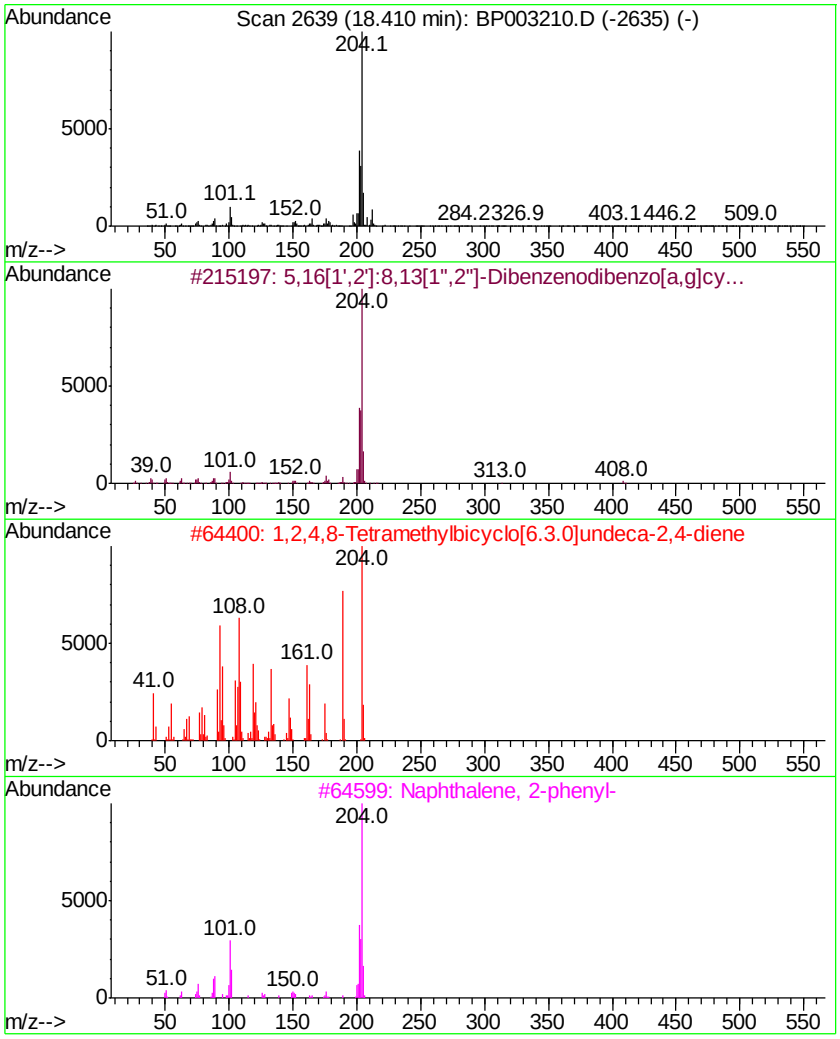
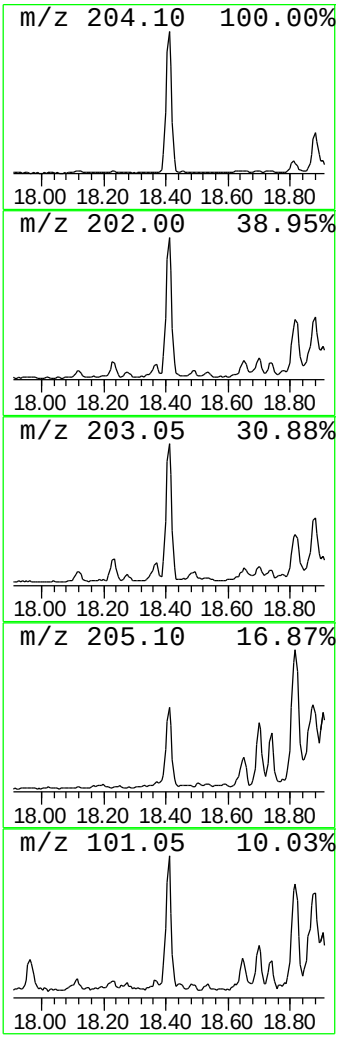
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.60 ng	725819	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

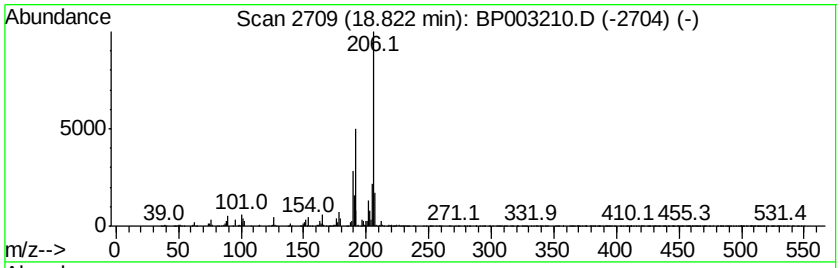
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

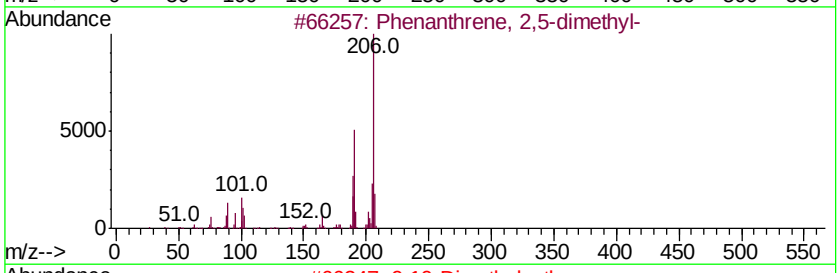
****

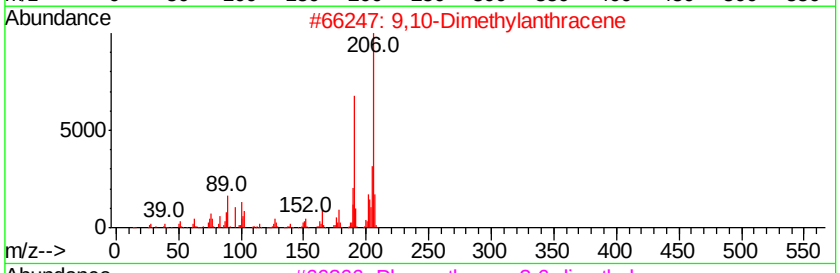
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

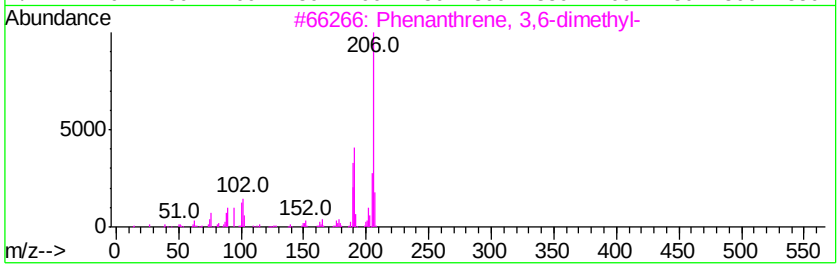
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.85 ng	923392	Phenanthrene-d10	17.05

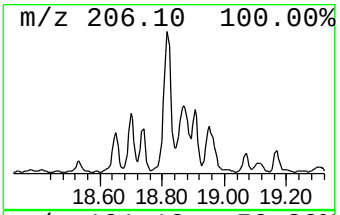
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83

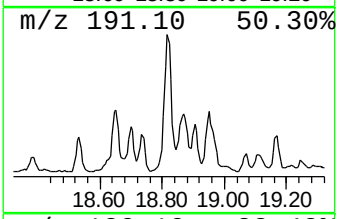


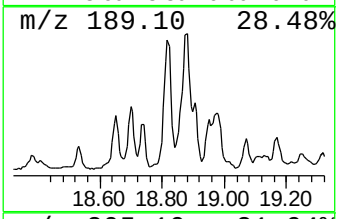


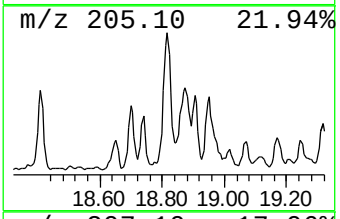


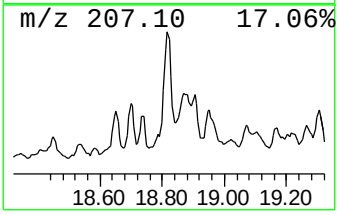












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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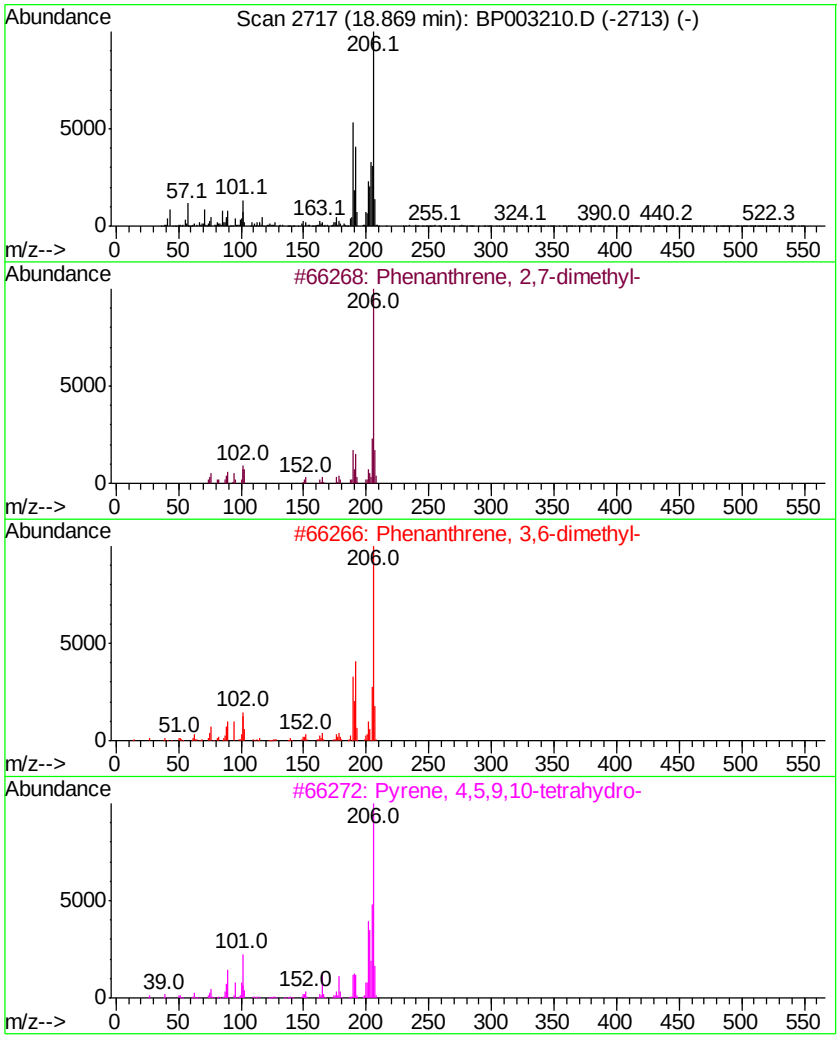
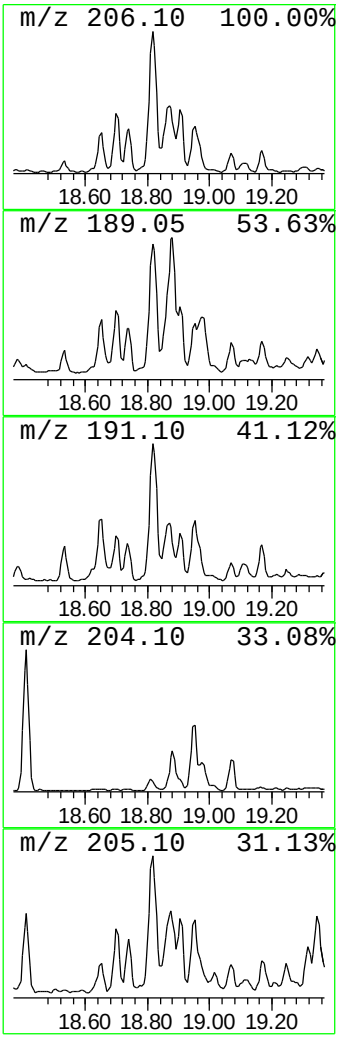
Peak Number 16 unknown18.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.71 ng	585824	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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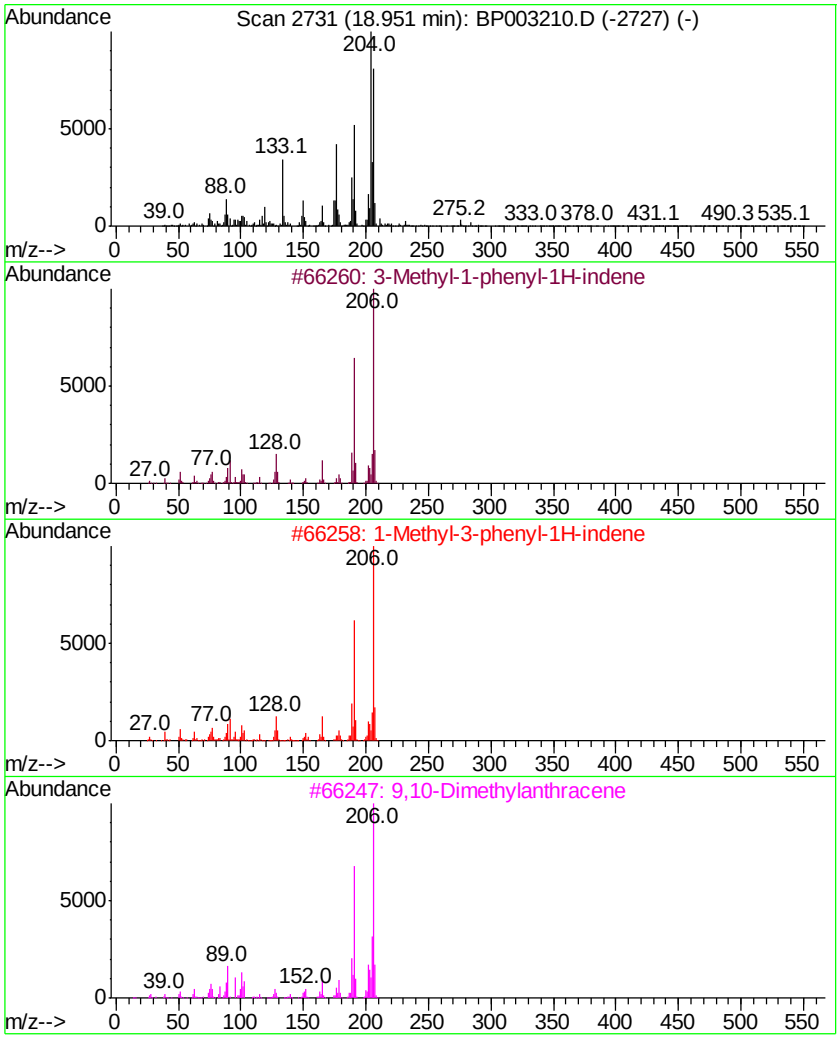
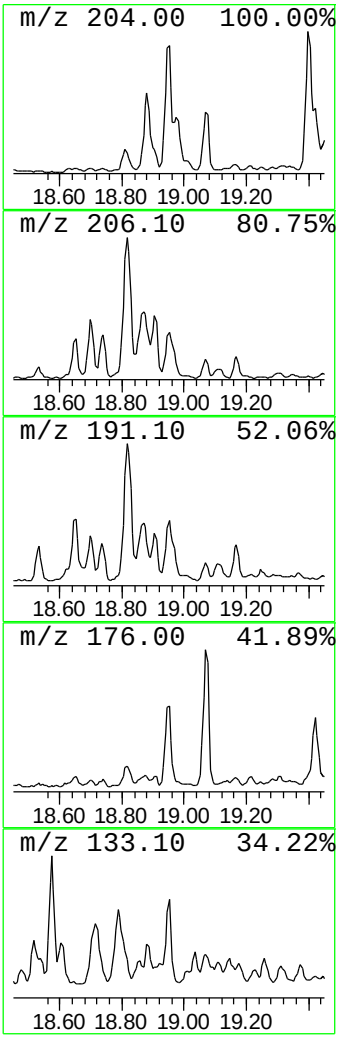
Peak Number 17 3-Methyl-1-phenyl-1H-indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	5.92 ng	933969	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	86
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50





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Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

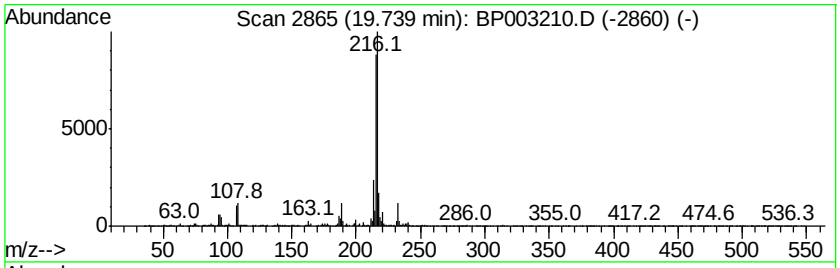
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

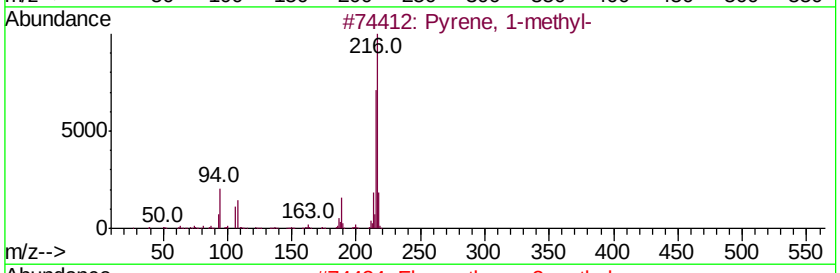
****

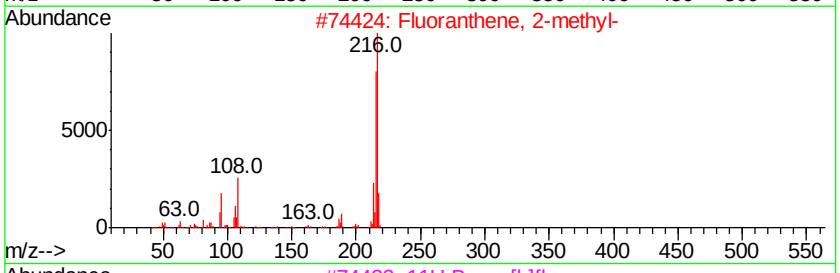
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 16

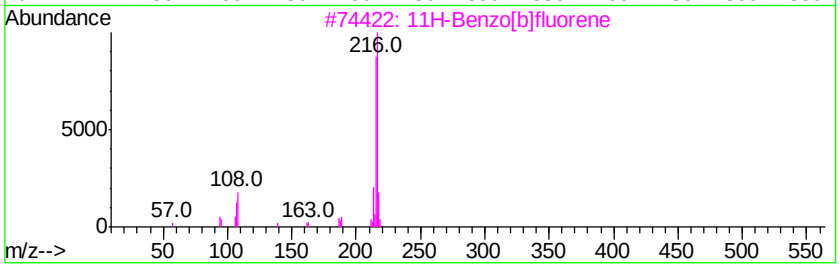
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	4.09 ng	1428490	Chrysene-d12	21.15

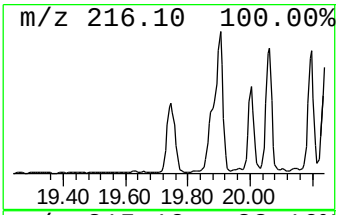
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70

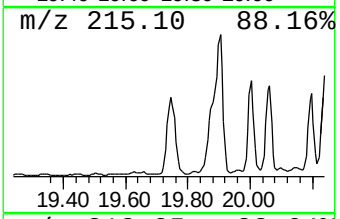


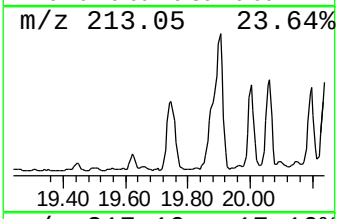


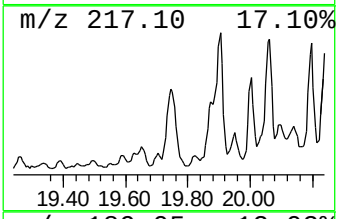


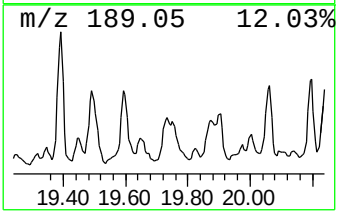












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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

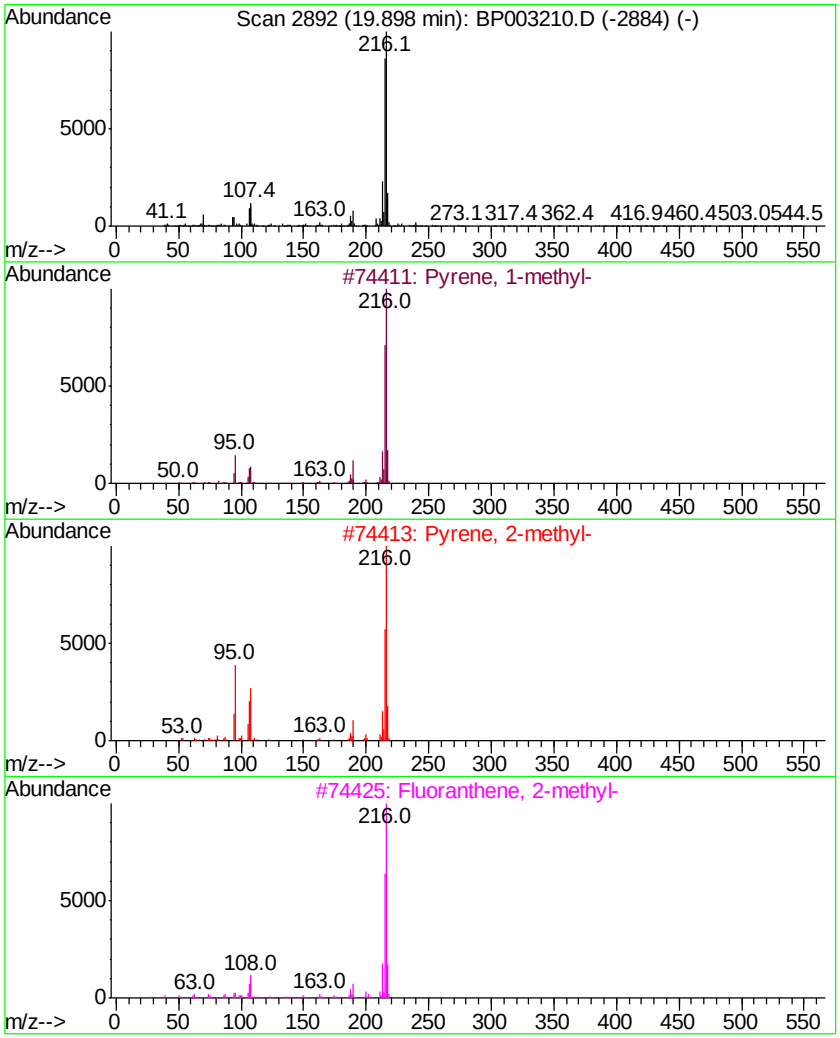
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

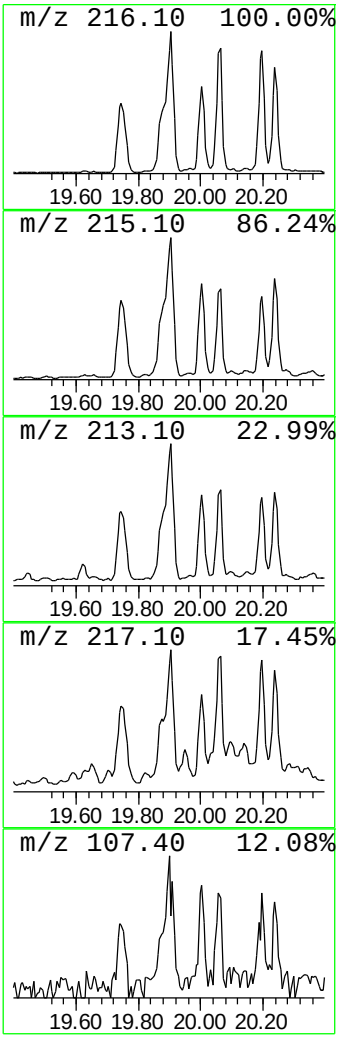
****

Peak Number 19 Pyrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	6.17 ng	2157310	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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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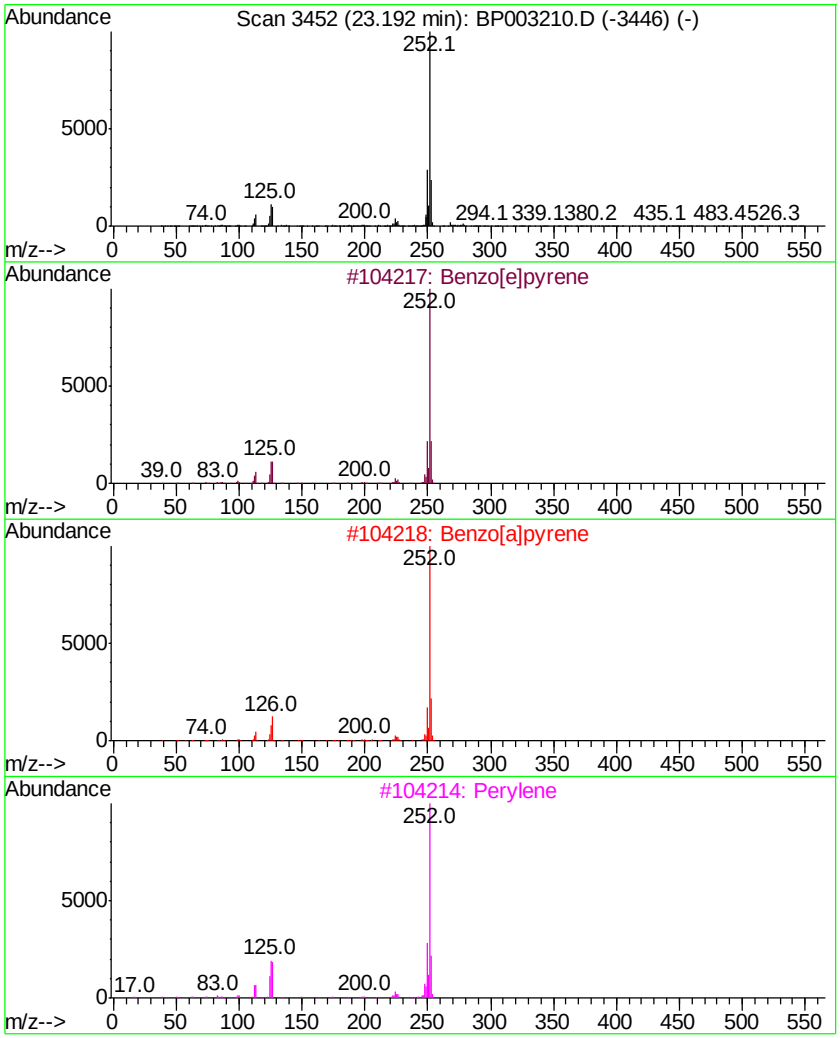
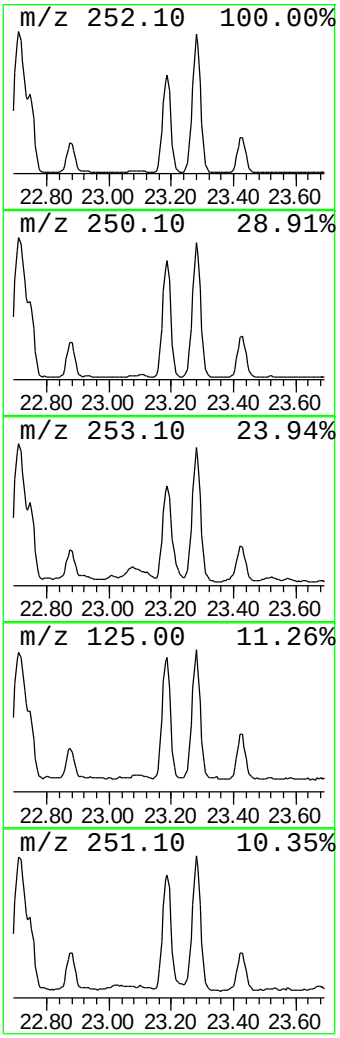
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	21.31 ng	2610020	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090420\
Data File : BP003210.D
Acq On : 04 Sep 2020 14:25
Operator : CG/JU
Sample : L3877-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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
Butane, 2-methoxy...	2.92	28.8	ng	2176060	1	7.65	1512630	20.0
Styrene	5.67	4.1	ng	311863	1	7.65	1512630	20.0
Benzene, 1-etheny...	7.32	6.4	ng	481864	1	7.65	1512630	20.0
Indene	8.19	4.5	ng	338732	1	7.65	1512630	20.0
Naphthalene, 2,3-...	13.62	4.5	ng	665074	3	14.29	2972730	20.0
unknown13.73	13.73	3.9	ng	574386	3	14.29	2972730	20.0
Anthracene, 2-met...	17.92	8.0	ng	1255910	4	17.05	3156620	20.0
1H-Cyclopropa[l]p...	17.97	12.4	ng	1962840	4	17.05	3156620	20.0
Phenanthrene, 2-m...	18.05	3.5	ng	544009	4	17.05	3156620	20.0
Benzaldehyde, 3,5...	18.11	11.8	ng	1862560	4	17.05	3156620	20.0
Anthracene, 9-met...	18.15	5.9	ng	931171	4	17.05	3156620	20.0
unknown18.22	18.22	4.5	ng	711715	4	17.05	3156620	20.0
1-Butanone, 1-(2,...	18.26	3.6	ng	565783	4	17.05	3156620	20.0
5,16[1',2']:8,13[...	18.41	4.6	ng	725819	4	17.05	3156620	20.0
Phenanthrene, 2,5...	18.82	5.8	ng	923392	4	17.05	3156620	20.0
unknown18.87	18.87	3.7	ng	585824	4	17.05	3156620	20.0
3-Methyl-1-phenyl...	18.95	5.9	ng	933969	4	17.05	3156620	20.0
Pyrene, 1-methyl-	19.74	4.1	ng	1428490	5	21.15	6991490	20.0
Pyrene, 2-methyl-	19.90	6.2	ng	2157310	5	21.15	6991490	20.0
Benzo[e]pyrene	23.19	21.3	ng	2610020	6	23.38	2449020	20.0