LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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	12	rVB	154056	218248	2.92%	0.246%
2	5.264	398	404	424	rBV	571394	889967	11.91%	1.003%
3	6.840	663	672	688	rBV	536406	915661	12.25%	1.032%
4	7.652	803	810	818	rBV	975690	1576666	21.10%	1.778%
5	8.799	994	1005	1019	rBV	350318	653491	8.74%	0.737%
6	10.434	1274	1283	1288	rBV	1288696	2207795	29.54%	2.489%
7	10.481	1288	1291	1301	rVB	247643	398415	5.33%	0.449%
8	12.104	1558	1567	1576	rBV	85467	146209	1.96%	0.165%
9	12.322	1599	1604	1613	rVB	62892	105870	1.42%	0.119%
10	12.916	1698	1705	1717	rBV	1085068	1699051	22.74%	1.916%
11	13.616	1817	1824	1830	rBV	63019	120399	1.61%	0.136%
12	13.757	1842	1848	1854	rVV	66721	96833	1.30%	0.109%
13	14.298	1932	1940	1945	rBV	1854620	2827574	37.84%	3.188%
14	14.357	1945	1950	1958	rVB	750858	1110379	14.86%	1.252%
15	14.510	1970	1976	1985	rBV3	31392	83271	1.11%	0.094%
16	14.610	1987	1993	1999	rVB2	58799	97241	1.30%	0.110%
17	14.698	1999	2008	2017	rBV	438663	681945	9.13%	0.769%
18	15.092	2068	2075	2078	rBV3	38786	84702	1.13%	0.095%
19	15.351	2112	2119	2124	rBV	803683	1155651	15.46%	1.303%
20	15.445	2131	2135	2137	rBV	58134	80015	1.07%	0.090%
21	15.475	2137	2140	2143	rVV	104179	154364	2.07%	0.174%
22	15.510	2143	2146	2152	rVV2	172012	262379	3.51%	0.296%
23	15.563	2152	2155	2158	rVV2	55800	84832	1.14%	0.096%
24	15.598	2158	2161	2165	rVV2	85600	136308	1.82%	0.154%
25	15.645	2165	2169	2179	rVB	143813	255318	3.42%	0.288%
26	15.792	2188	2194	2203	rBV	728106	1148600	15.37%	1.295%
27	15.881	2203	2209	2216	rVB4	43592	107410	1.44%	0.121%
28	16.145	2249	2254	2262	rBV3	64586	143603	1.92%	0.162%
29	16.357	2279	2290	2295	rBV2	147702	348669	4.67%	0.393%
30	16.410	2295	2299	2305	rBV3	93386	154001	2.06%	0.174%
31	16.510	2312	2316	2321	rVB2	89223	149506	2.00%	0.169%
32	16.563	2321	2325	2327	rBV3	64698	82166	1.10%	0.093%
33	16.628	2333	2336	2340	rVB4	71466	98942	1.32%	0.112%
34	16.804	2359	2366	2369	rBV3	86577	202779	2.71%	0.229%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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	16.869	2373	2377	2388	rVB	337195	549543	7.35%	0.620%
36	17.051	2402	2408	2411	rBV	1957029	2795828	37.41%	3.152%
37	17.092	2411	2415	2422	rVV	5083935	7444221	99.61%	8.393%
38	17.181	2422	2430	2436	rVB	1733205	2642830	35.36%	2.980%
39	17.245	2436	2441	2447	rBV2	160193	264327	3.54%	0.298%
40	17.451	2466	2476	2482	rBV2	644667	1165034	15.59%	1.314%
41	17.575	2491	2497	2501	rBV5	107610	166043	2.22%	0.187%
42	17.634	2503	2507	2513	rVB3	79721	119177	1.59%	0.134%
43	17.775	2527	2531	2539	rBV2	57823	110467	1.48%	0.125%
44	17.922	2552	2556	2560	rBV	489094	686519	9.19%	0.774%
45	17.969	2560	2564	2571	rVB	774123	1104344	14.78%	1.245%
46	18.051	2573	2578	2583	rBV	377089	548551	7.34%	0.618%
47	18.116	2583	2589	2593	rVV2	1028910	1760612	23.56%	1.985%
48	18.151	2593	2595	2601	rVB	350969	372406	4.98%	0.420%
49	18.257	2610	2613	2618	rBV3	99123	122779	1.64%	0.138%
50	18.410	2635	2639	2644	rVB	374060	484433	6.48%	0.546%
51	18.534	2657	2660	2667	rBV	66982	84174	1.13%	0.095%
52	18.651	2677	2680	2684	rVV	126072	137011	1.83%	0.154%
53	18.704	2685	2689	2691	rVV	113823	136550	1.83%	0.154%
54	18.733	2691	2694	2698	rVB3	103644	143698	1.92%	0.162%
55	18.816	2703	2708	2713	rBV	320531	547733	7.33%	0.618%
56	18.881	2714	2719	2722	rBV4	149038	260117	3.48%	0.293%
57	18.951	2728	2731	2734	rBV	106459	161801	2.17%	0.182%
58	19.075	2746	2752	2757	rBV	5630212	7473042	100.00%	8.425%
59	19.169	2765	2768	2772	rVB2	126919	147845	1.98%	0.167%
60	19.251	2779	2782	2785	rBV3	59889	88929	1.19%	0.100%
61	19.304	2788	2791	2795	rVB	156690	231284	3.09%	0.261%
62	19.422	2802	2811	2815	rBV2	4283065	7392491	98.92%	8.335%
63	19.498	2820	2824	2831	rVB2	259891	468925	6.27%	0.529%
64	19.622	2837	2845	2849	rBV2	1408343	2111839	28.26%	2.381%
65	19.657	2849	2851	2856	rVB	250157	279855	3.74%	0.316%
66	19.739	2860	2865	2871	rBV2	257617	663528	8.88%	0.748%
67	19.786	2871	2873	2877	rVB	143913	172566	2.31%	0.195%
68	19.869	2885	2887	2890	rBV2	127261	198189	2.65%	0.223%
69	19.910	2890	2894	2898	rVB	954165	1247791	16.70%	1.407%
70	20.004	2906	2910	2914	rBV	1056046	1303241	17.44%	1.469%
71	20.057	2914	2919	2923	rVV2	394249	689024	9.22%	0.777%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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	20.098	2924	2926	2930	rVB2	160389	186669	2.50%	0.210%
73	20.198	2940	2943	2946	rVB	186648	204155	2.73%	0.230%
74	20.239	2947	2950	2954	rVV2	202568	277967	3.72%	0.313%
75	20.422	2978	2981	2984	rBV	158826	178365	2.39%	0.201%
76	20.598	3008	3011	3015	rBV	138051	225396	3.02%	0.254%
77	20.798	3042	3045	3048	rBV	250465	312126	4.18%	0.352%
78	20.833	3048	3051	3054	rVB	361792	369492	4.94%	0.417%
79	20.875	3054	3058	3063	rBV3	371939	608052	8.14%	0.686%
80	21.133	3097	3102	3107	rBV3	3213896	6118132	81.87%	6.898%
81	21.180	3107	3110	3119	rVB	2170982	2700931	36.14%	3.045%
82	21.298	3126	3130	3136	rBV	629578	880204	11.78%	0.992%
83	21.451	3152	3156	3162	rVB2	363604	564474	7.55%	0.636%
84	22.710	3364	3370	3375	rBV	1554481	3629079	48.56%	4.092%
85	22.880	3395	3399	3406	rVB	395189	652099	8.73%	0.735%
86	23.186	3446	3451	3460	rVB	900584	1680783	22.49%	1.895%
87	23.280	3461	3467	3475	rBV	1494764	2887975	38.65%	3.256%
88	23.380	3478	3484	3489	rBV2	1362399	2568638	34.37%	2.896%
89	25.651	3865	3870	3881	rVB2	705094	1896526	25.38%	2.138%

Sum of corrected areas: 88696070

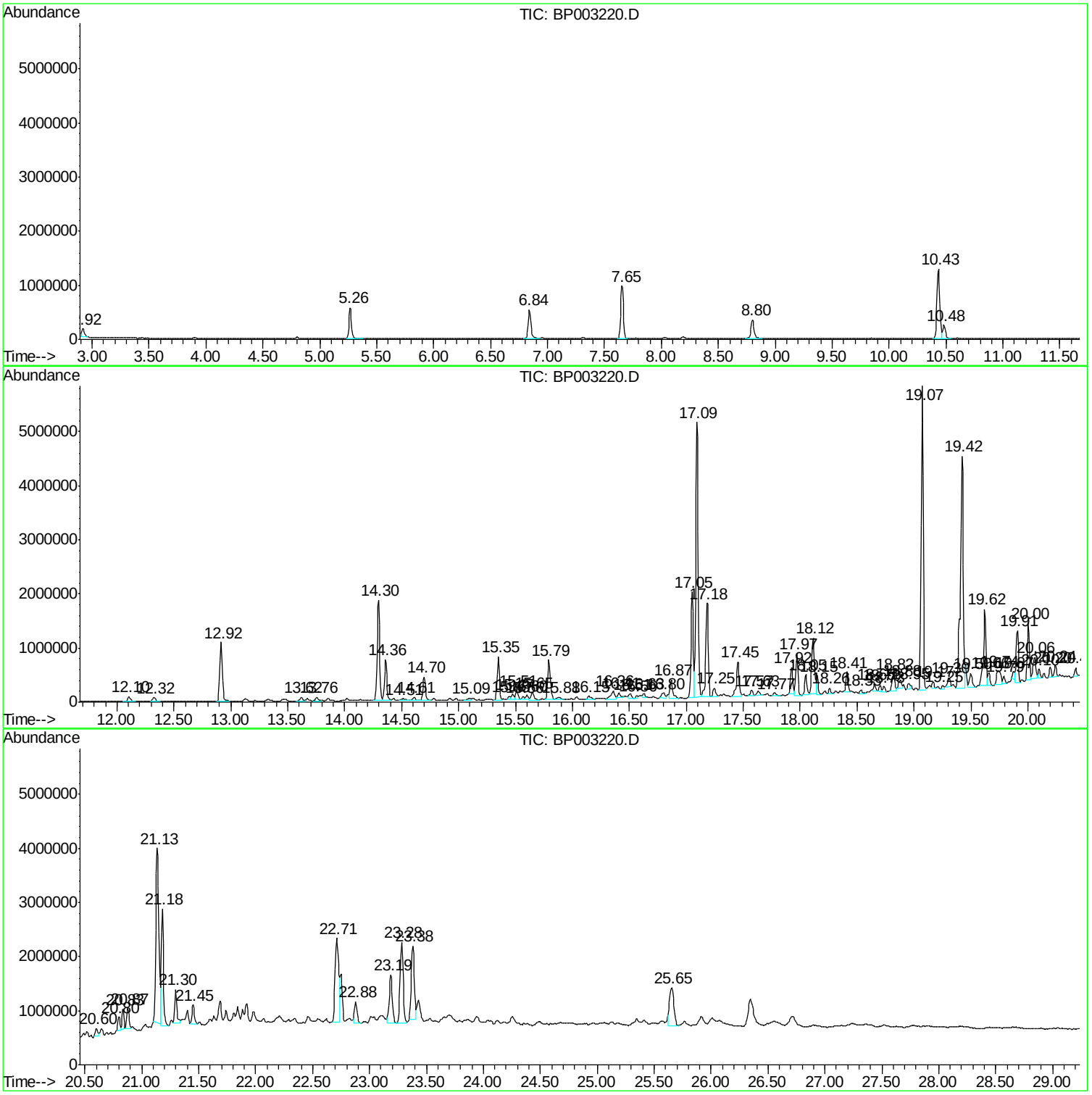
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AL-FALAH-1

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 : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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

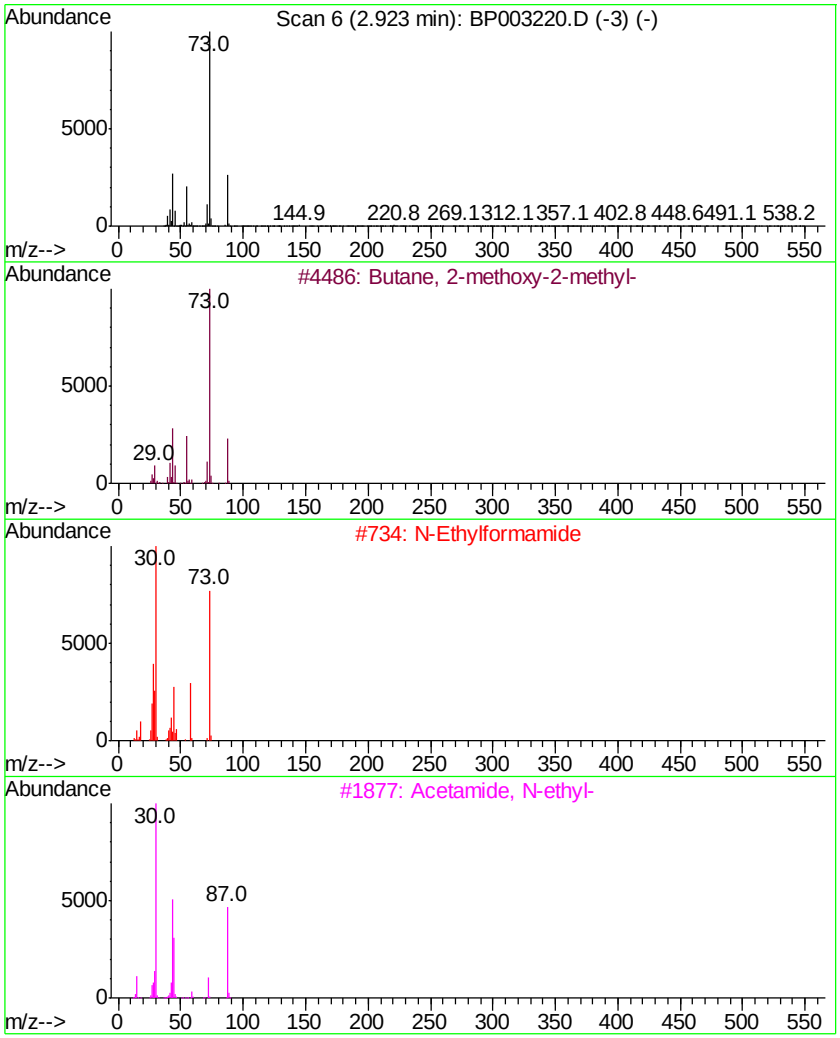
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

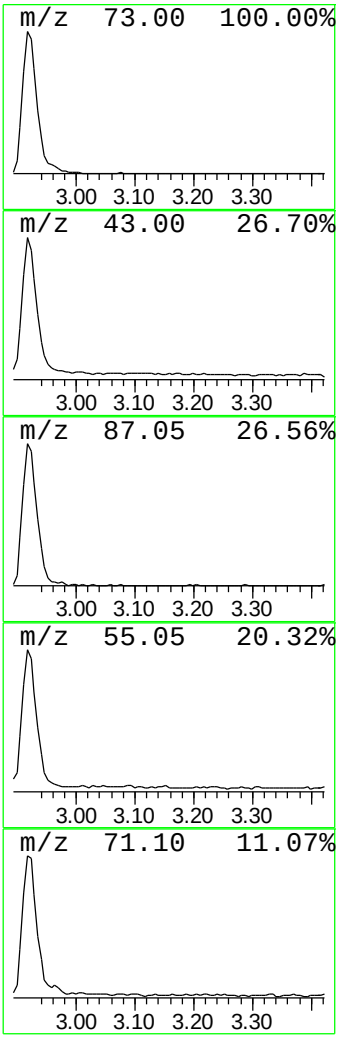
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	2.77 ng	218248	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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

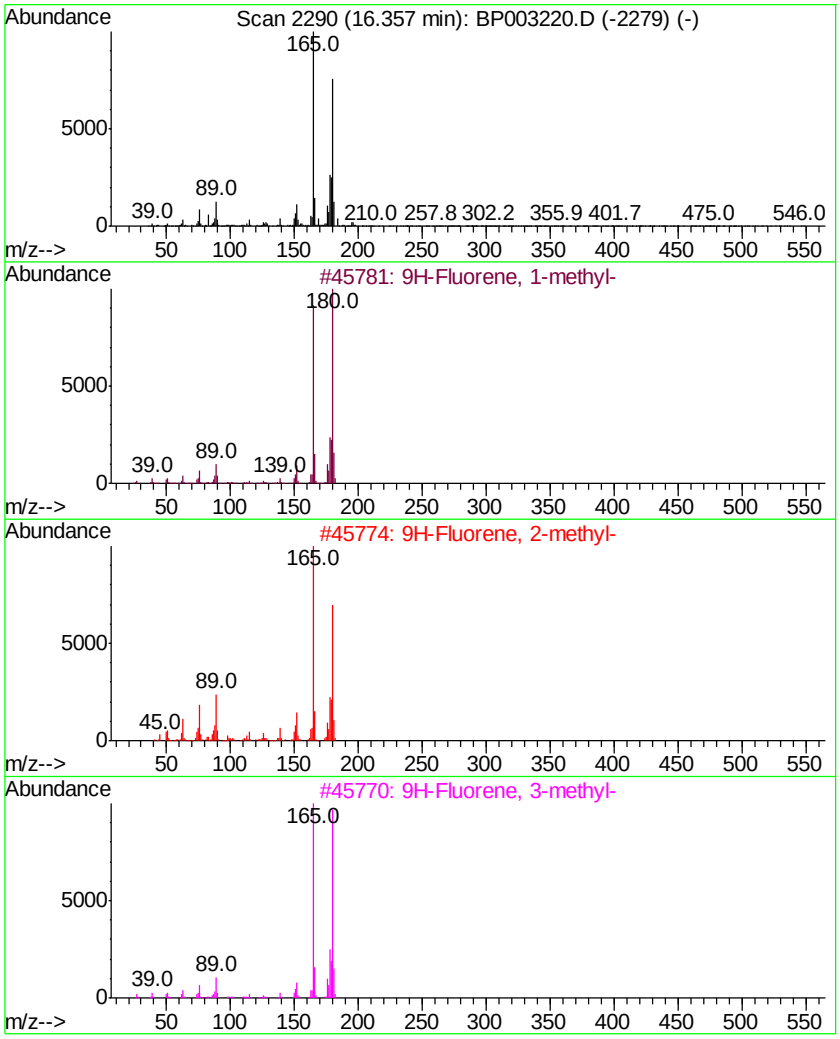
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

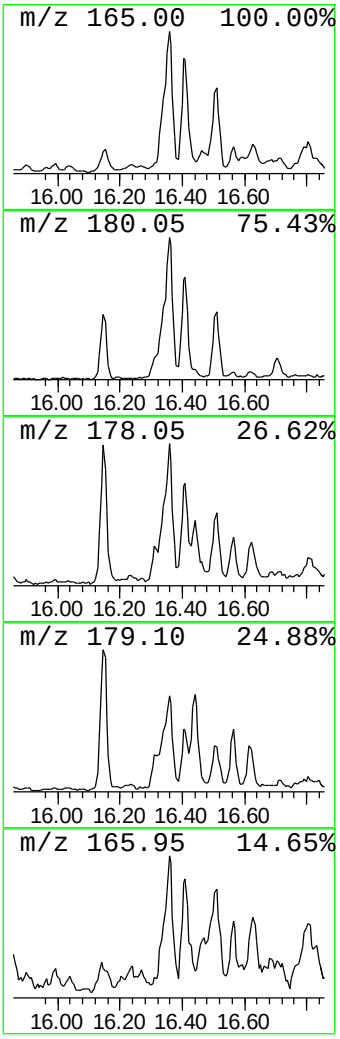
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.49 ng	348669	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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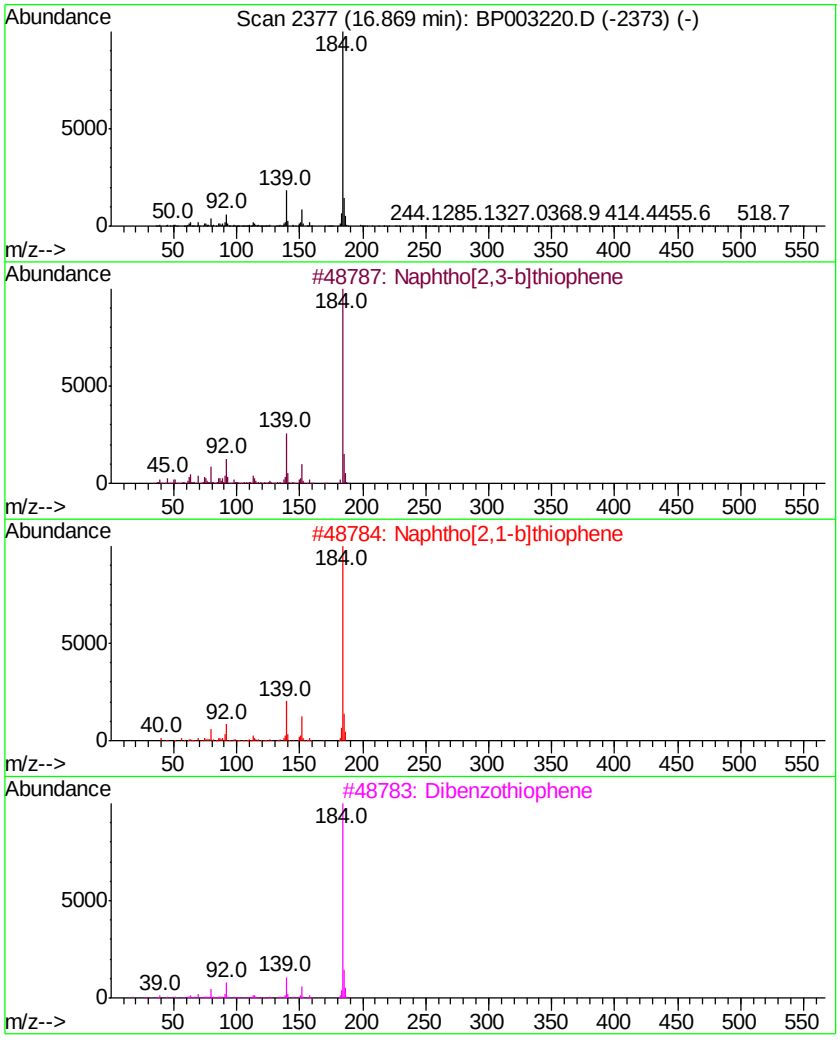
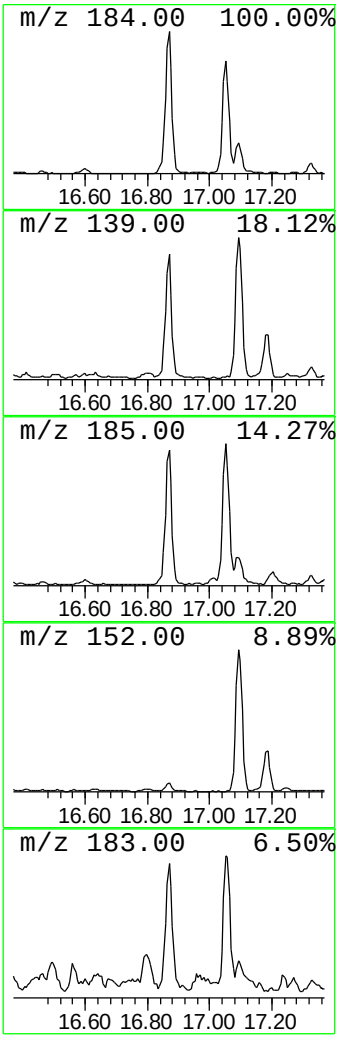
Peak Number 3 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.93 ng	549543	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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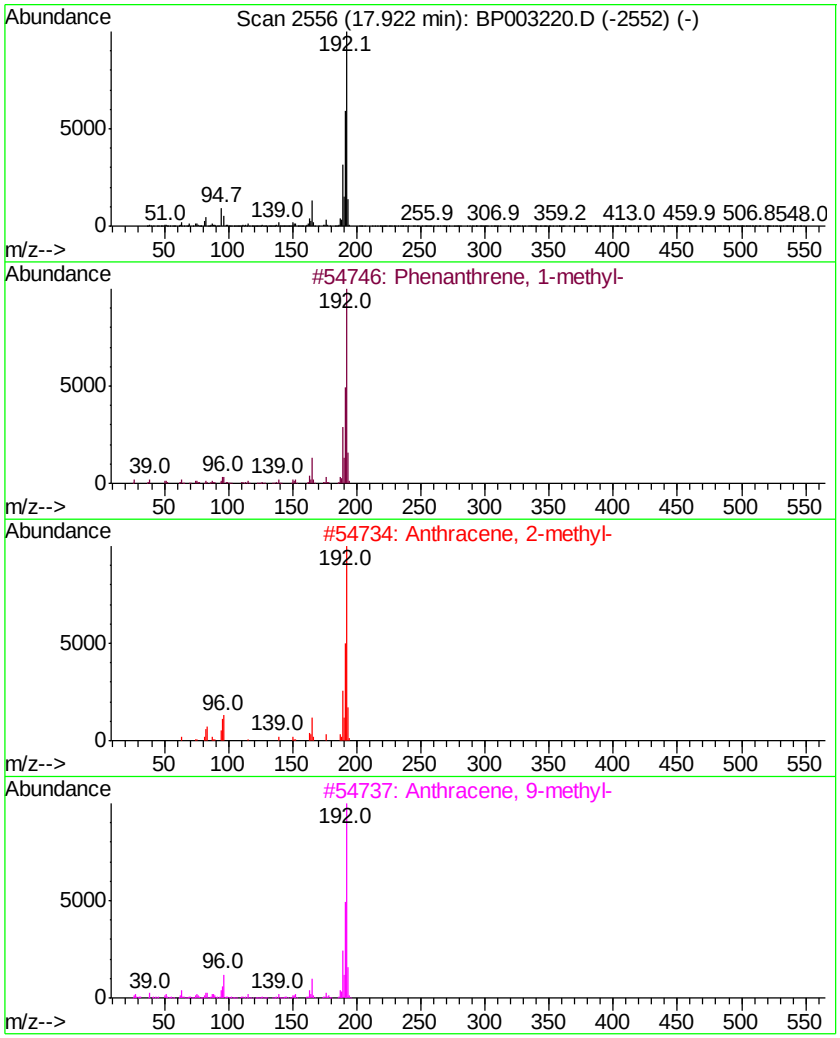
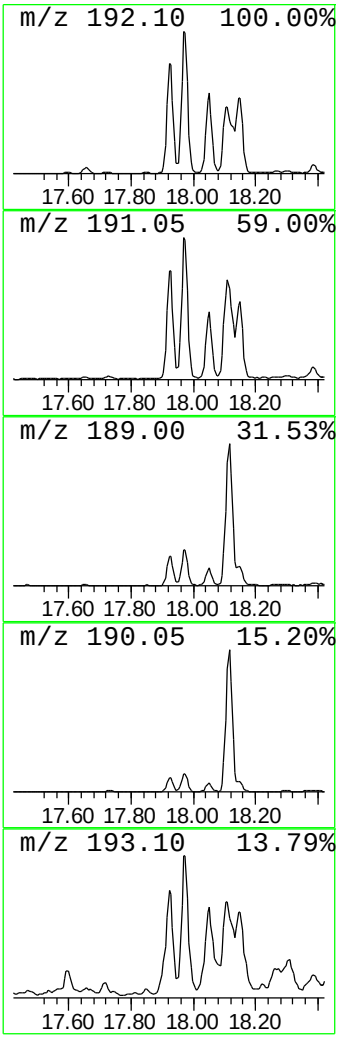
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.91 ng	686519	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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

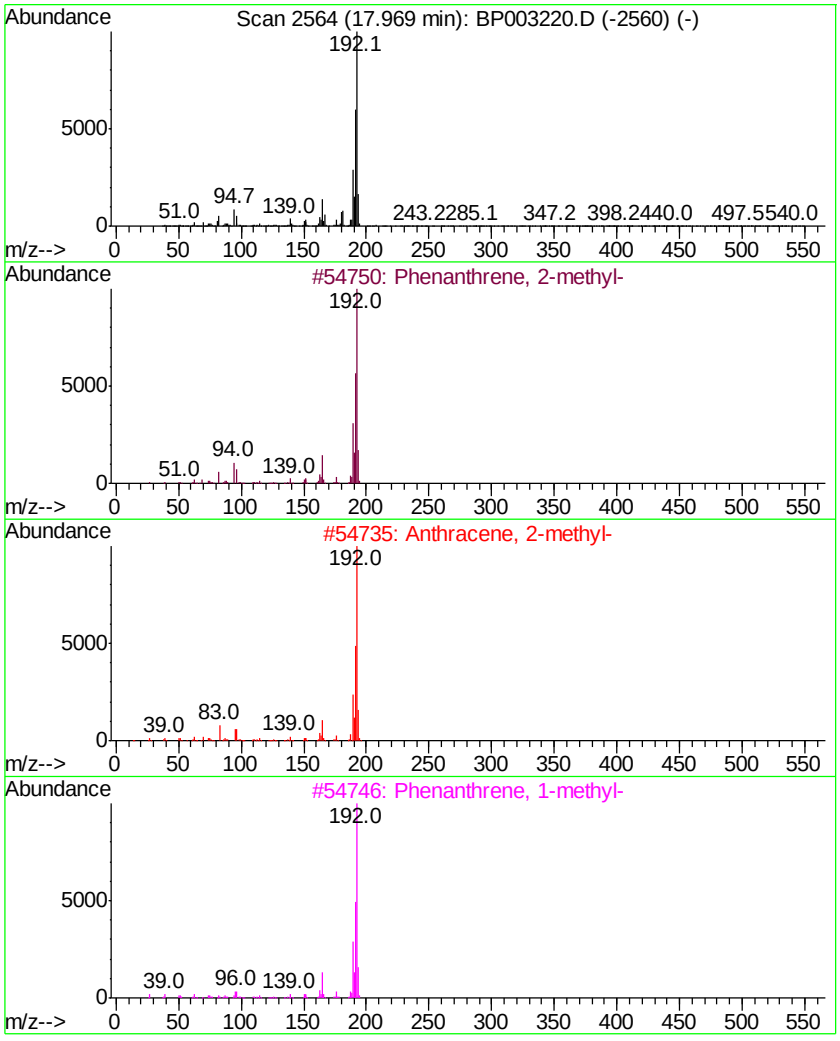
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

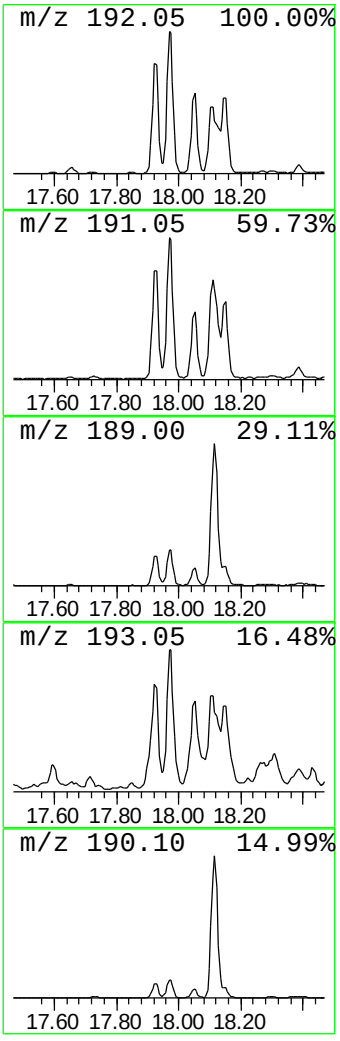
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	7.90 ng	1104340	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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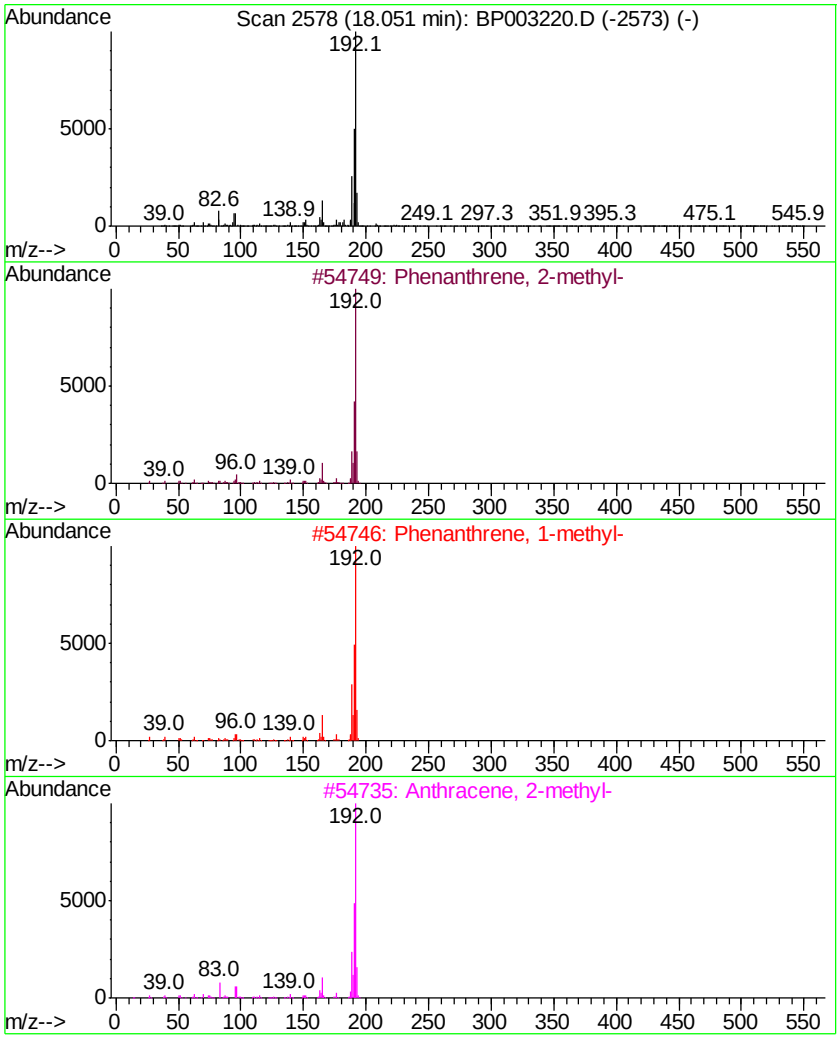
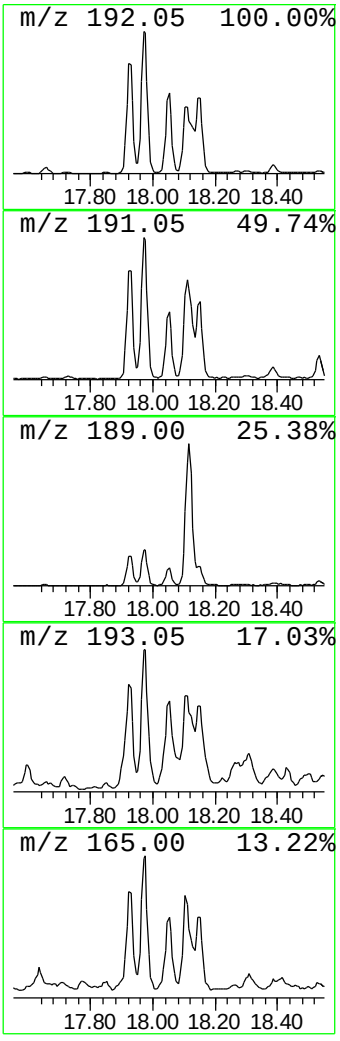
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.92 ng	548551	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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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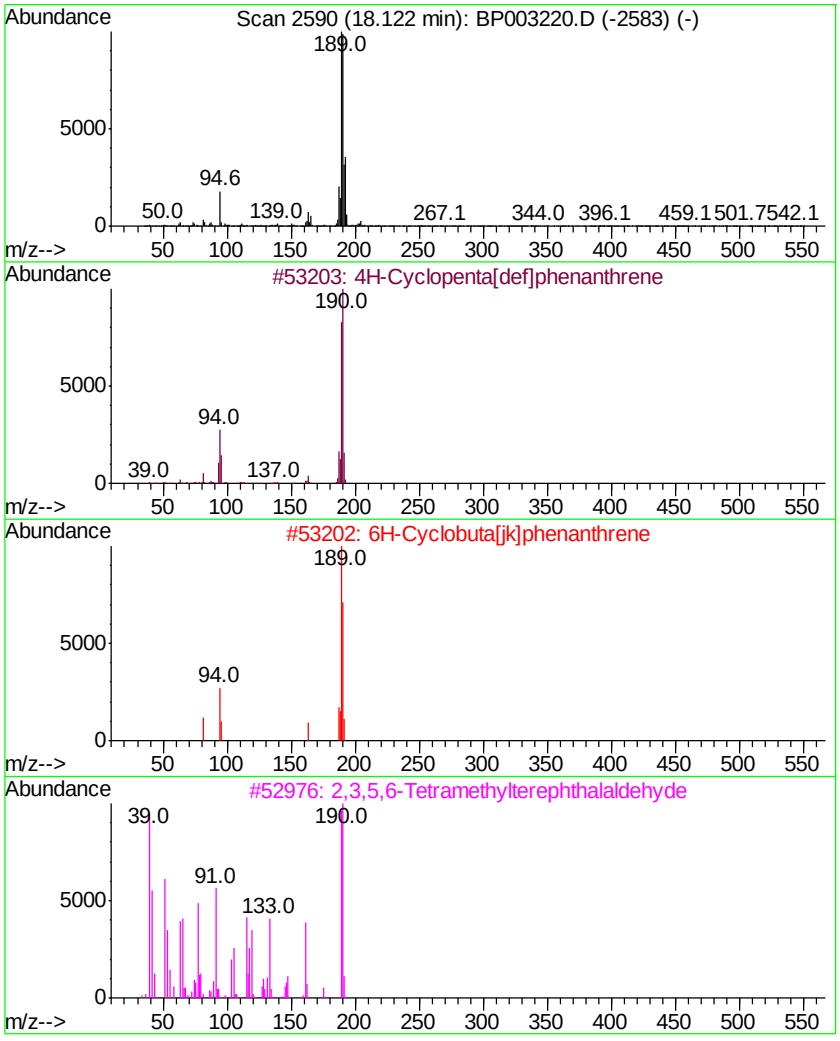
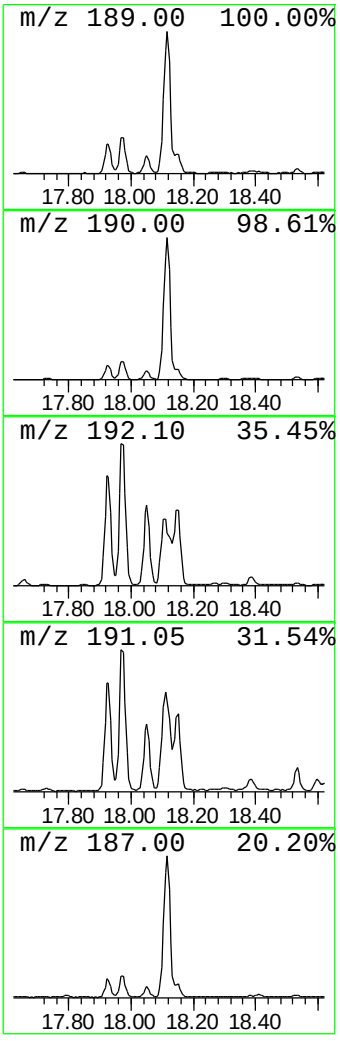
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	12.59 ng	1760610	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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

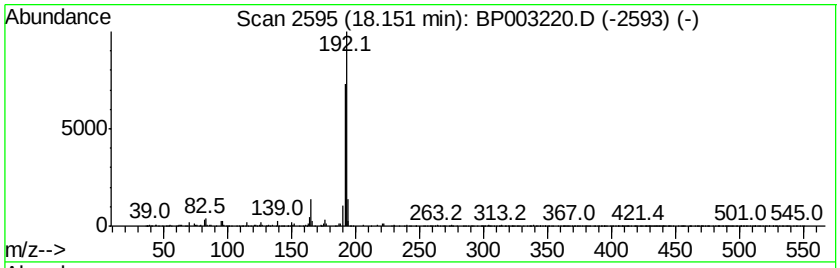
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

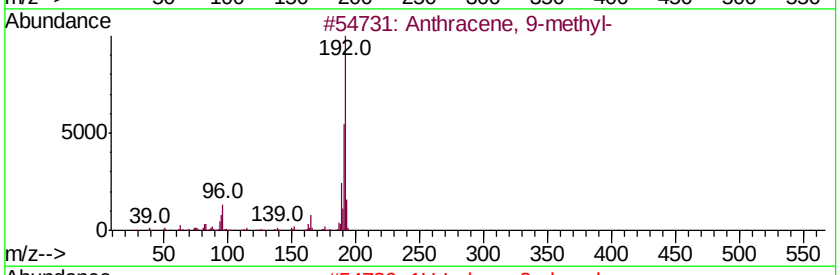
****

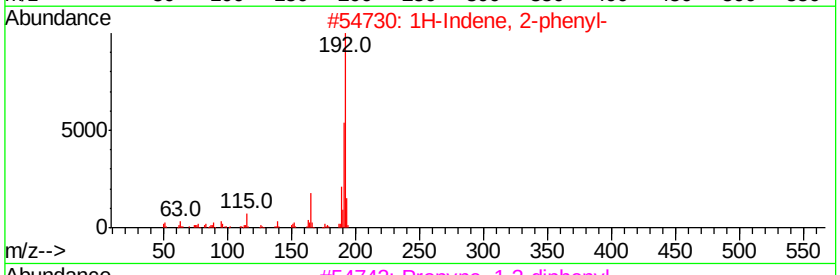
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 14

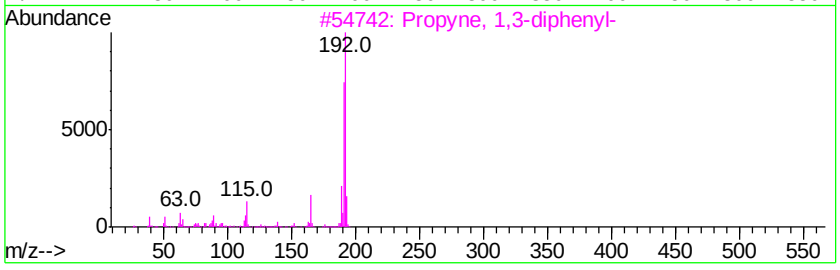
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.66 ng	372406	Phenanthrene-d10	17.05

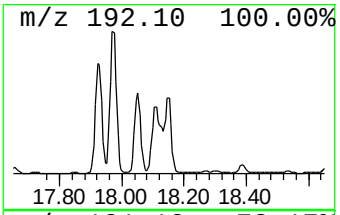
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	86
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86

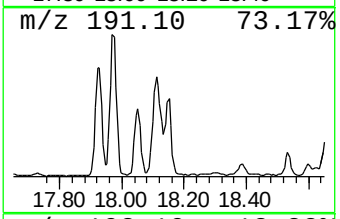


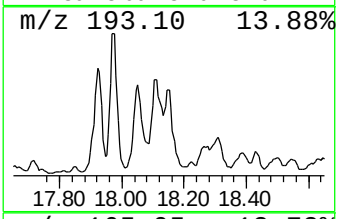


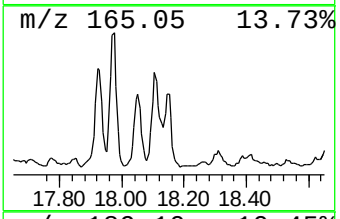


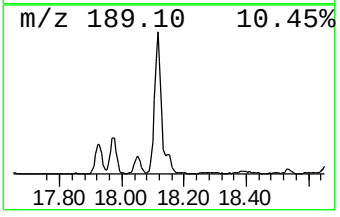












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Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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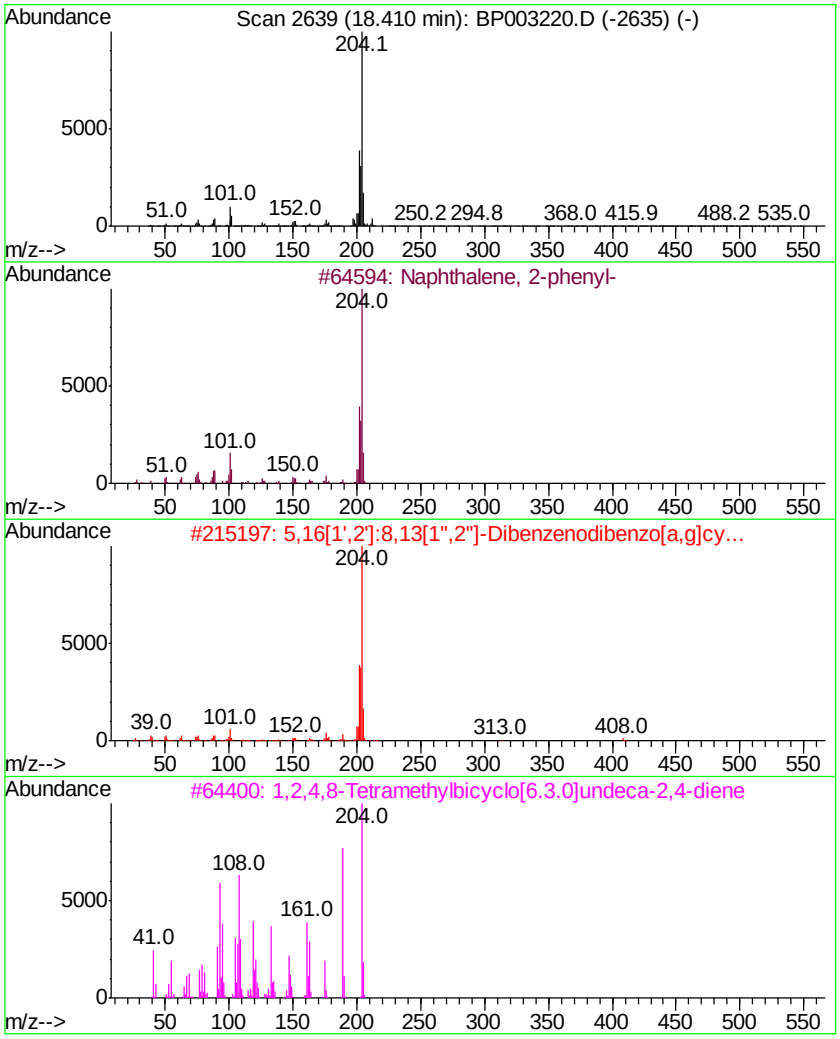
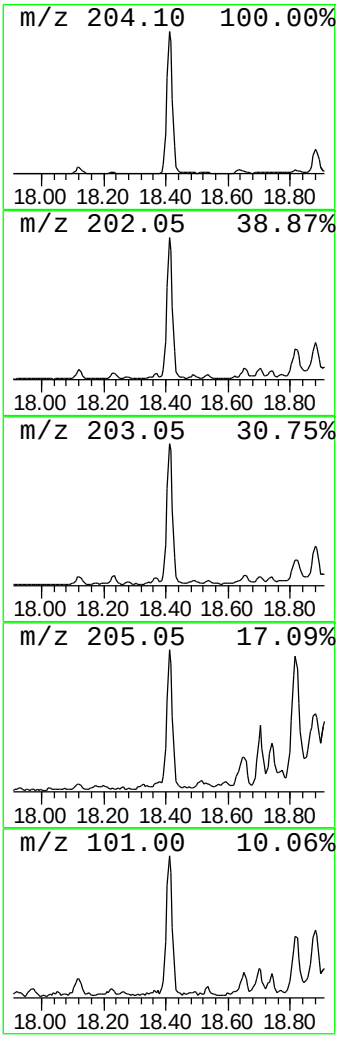
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.47 ng	484433	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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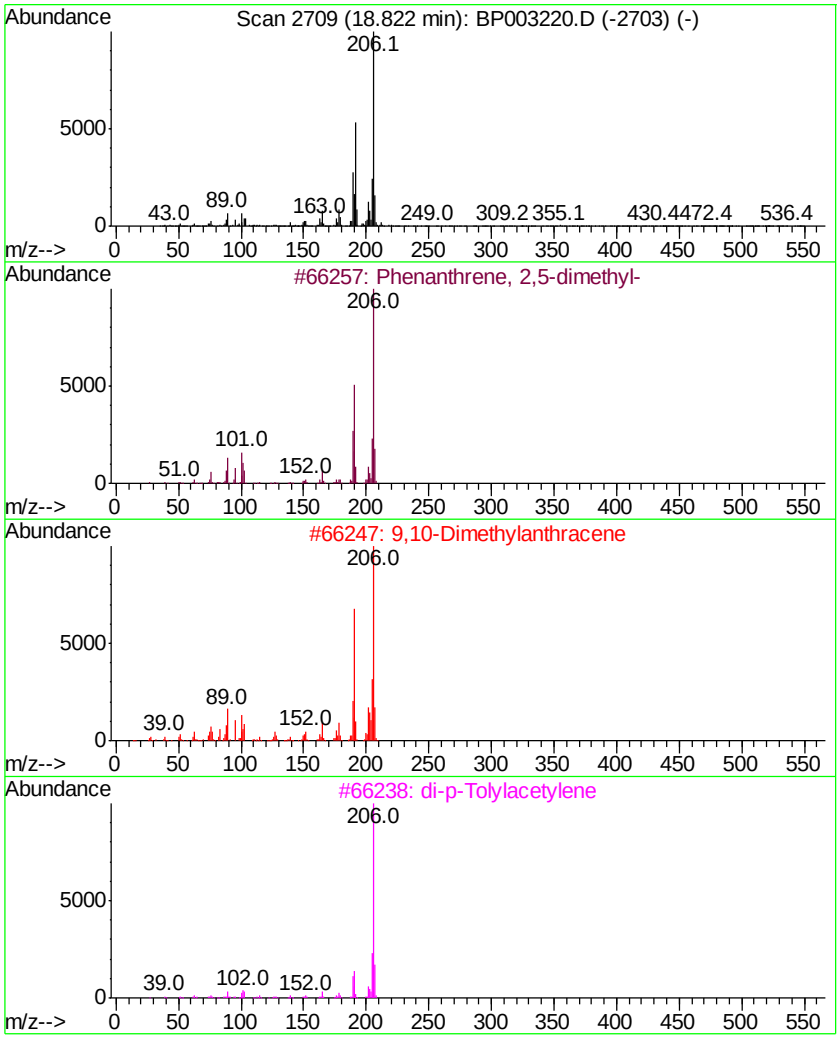
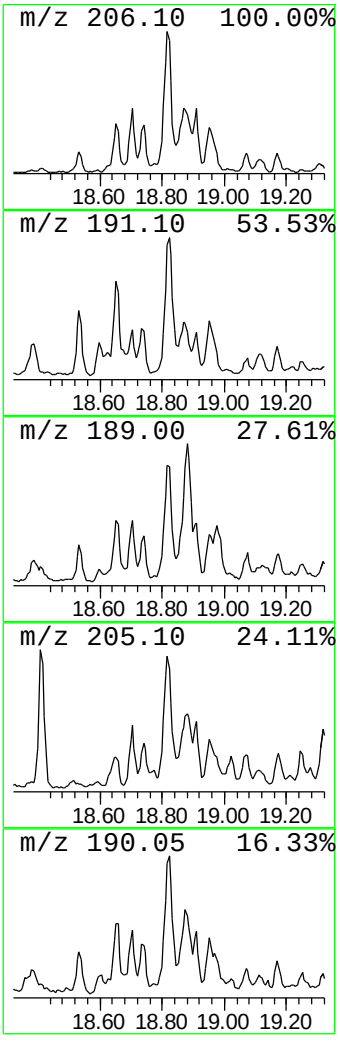
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.92 ng	547733	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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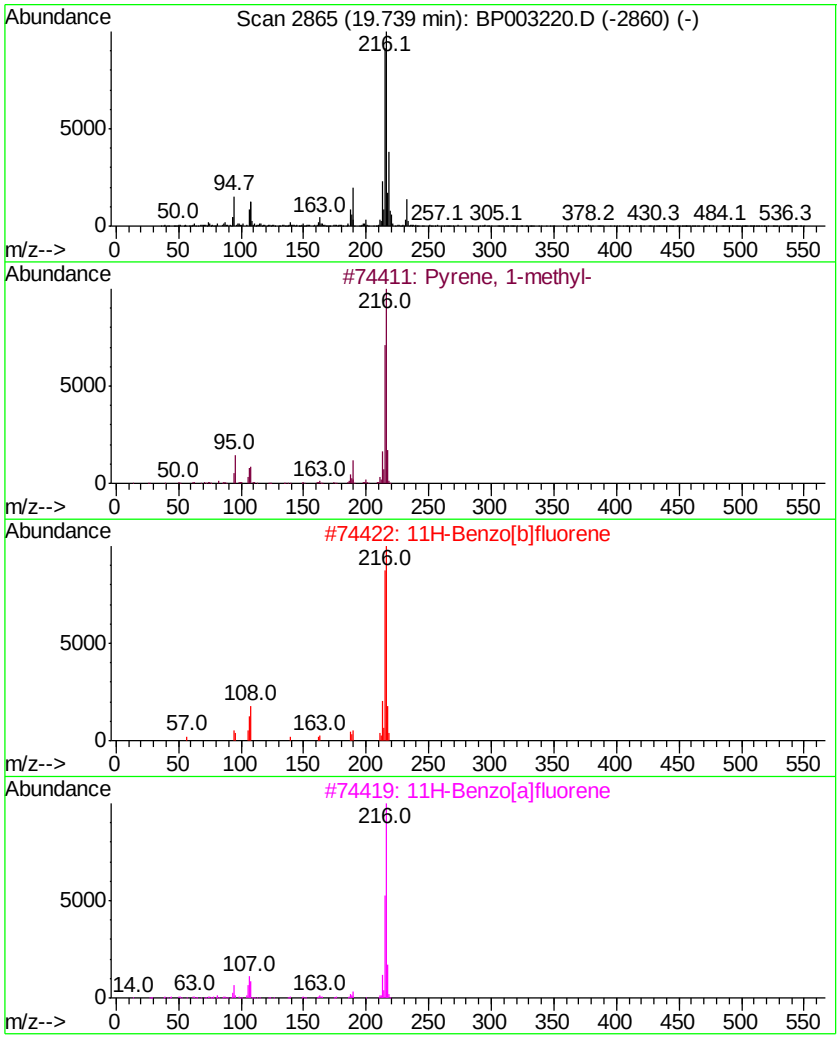
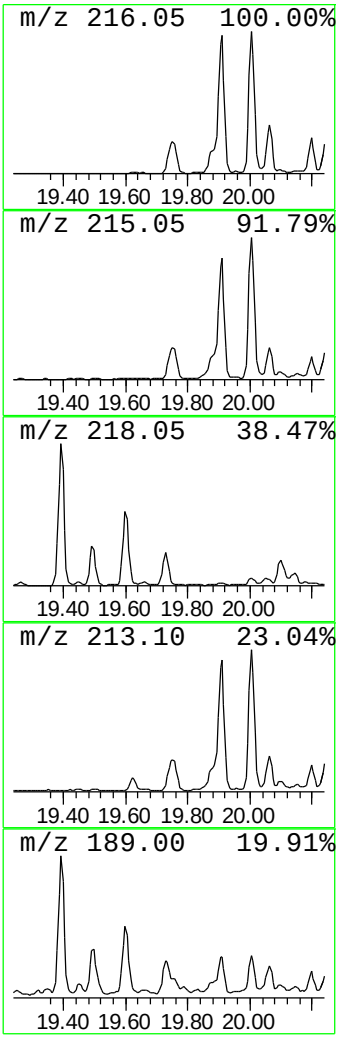
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.17 ng	663528	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50





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Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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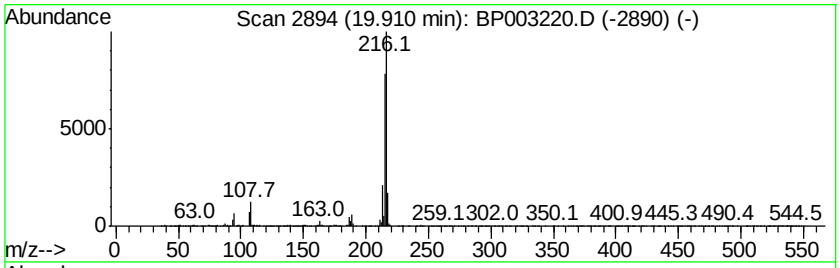
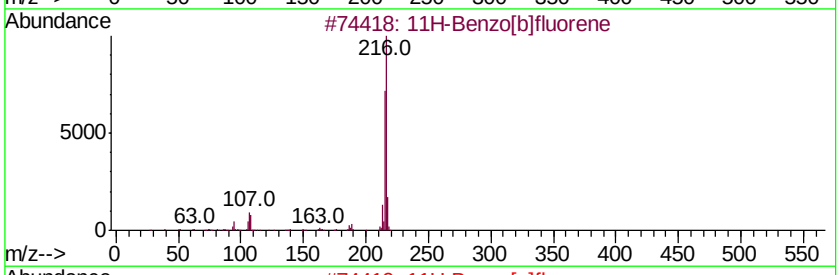
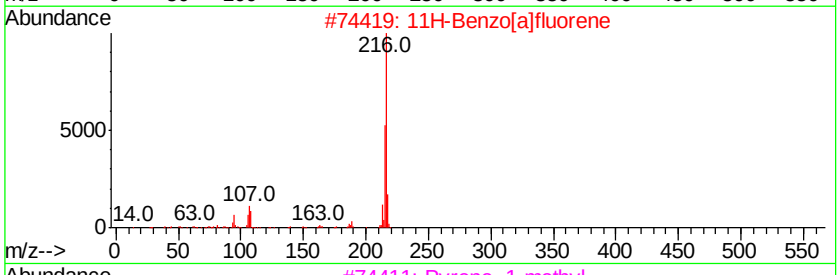
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 7

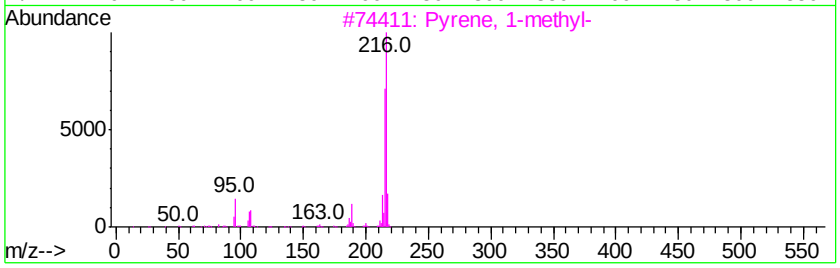
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.08 ng	1247790	Chrysene-d12	21.15

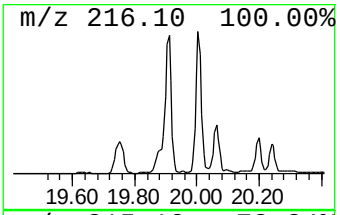
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72

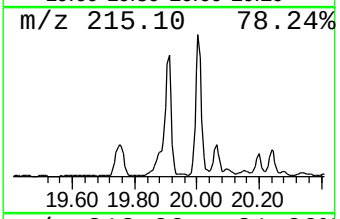


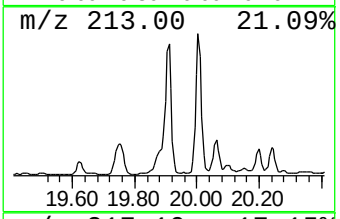


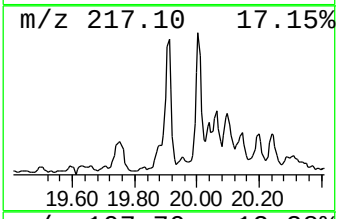


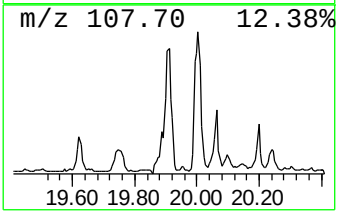












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Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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

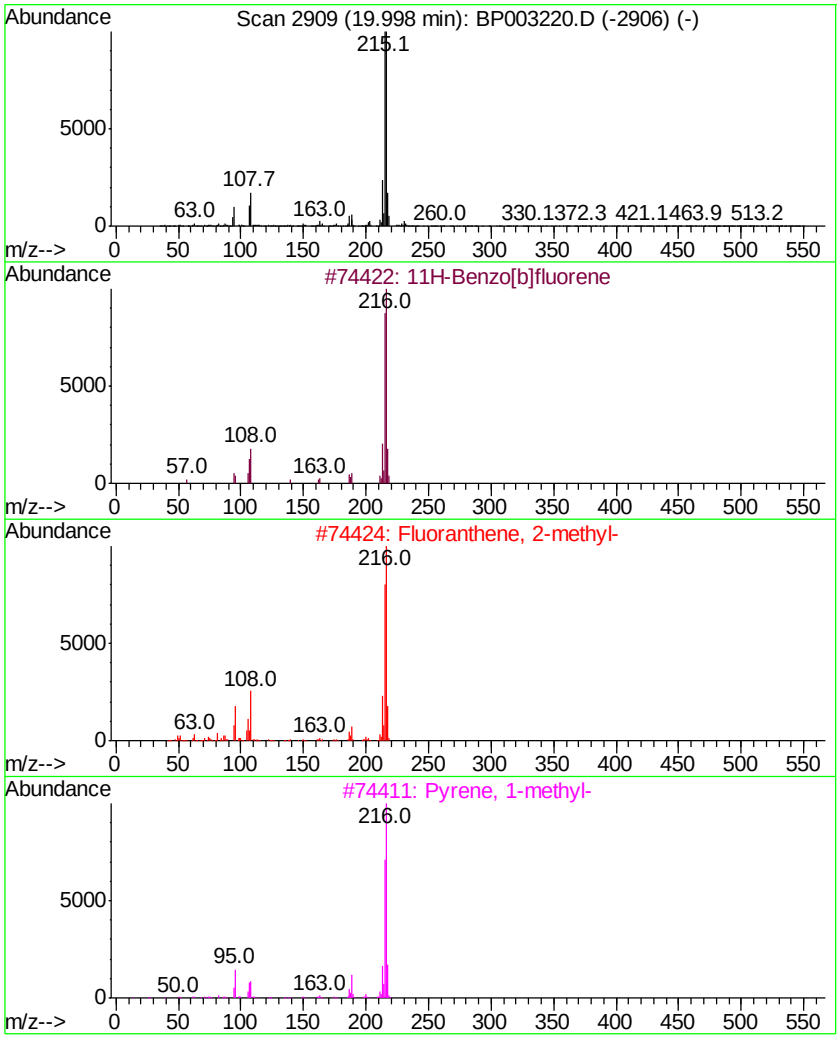
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

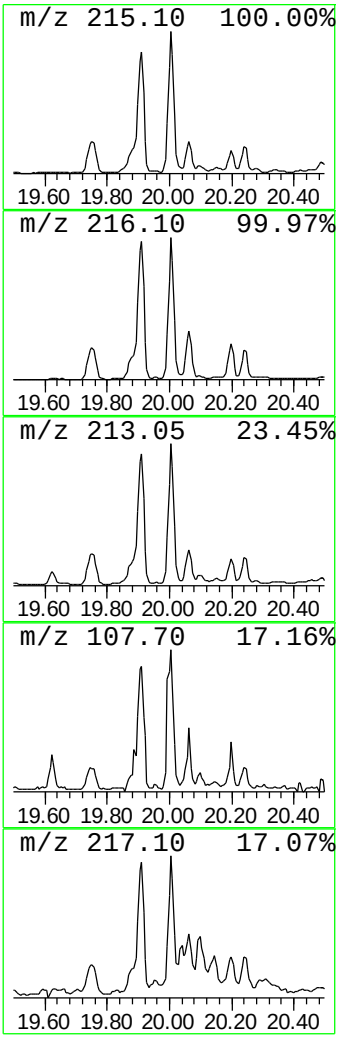
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	4.26 ng	1303240	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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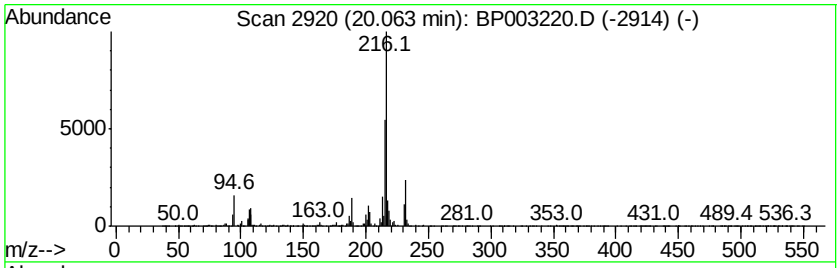
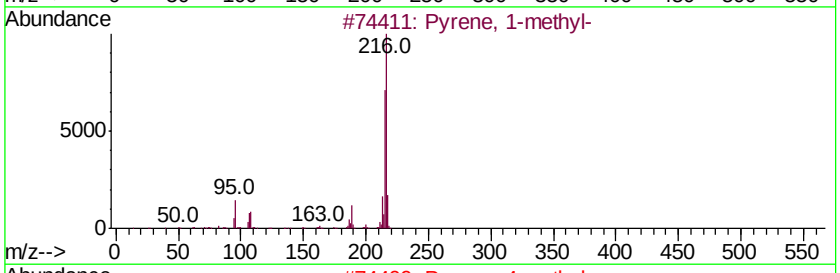
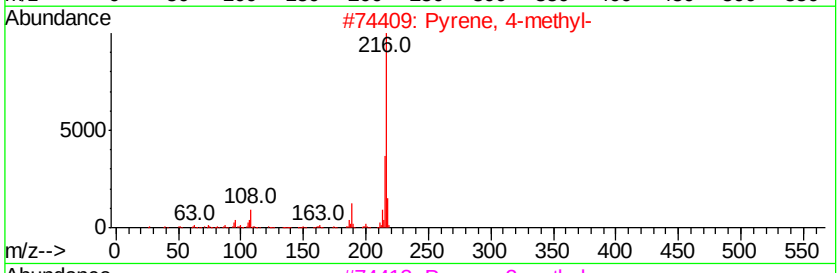
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 16

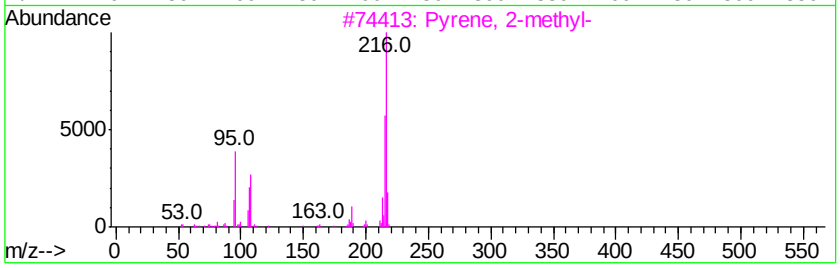
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.25 ng	689024	Chrysene-d12	21.15

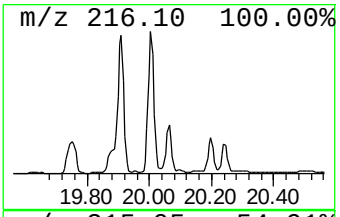
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49

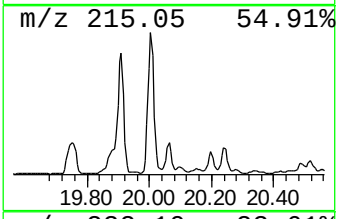


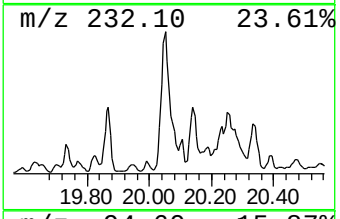


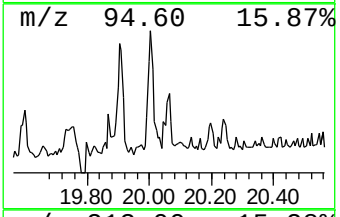


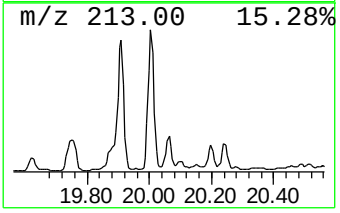












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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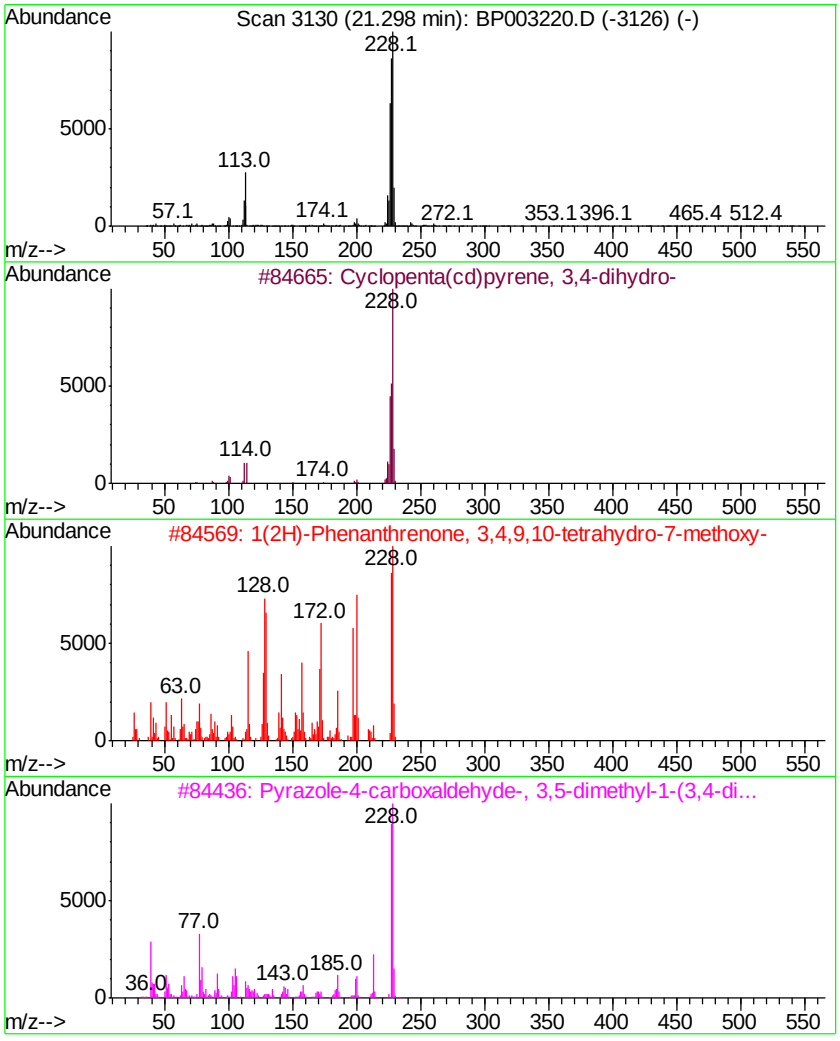
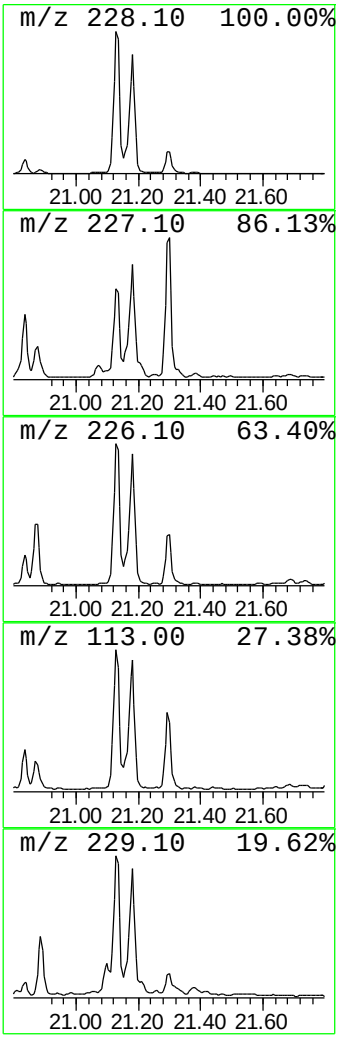
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.88 ng	880204	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	87
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Triphenylene	228	C18H12	000217-59-4	45
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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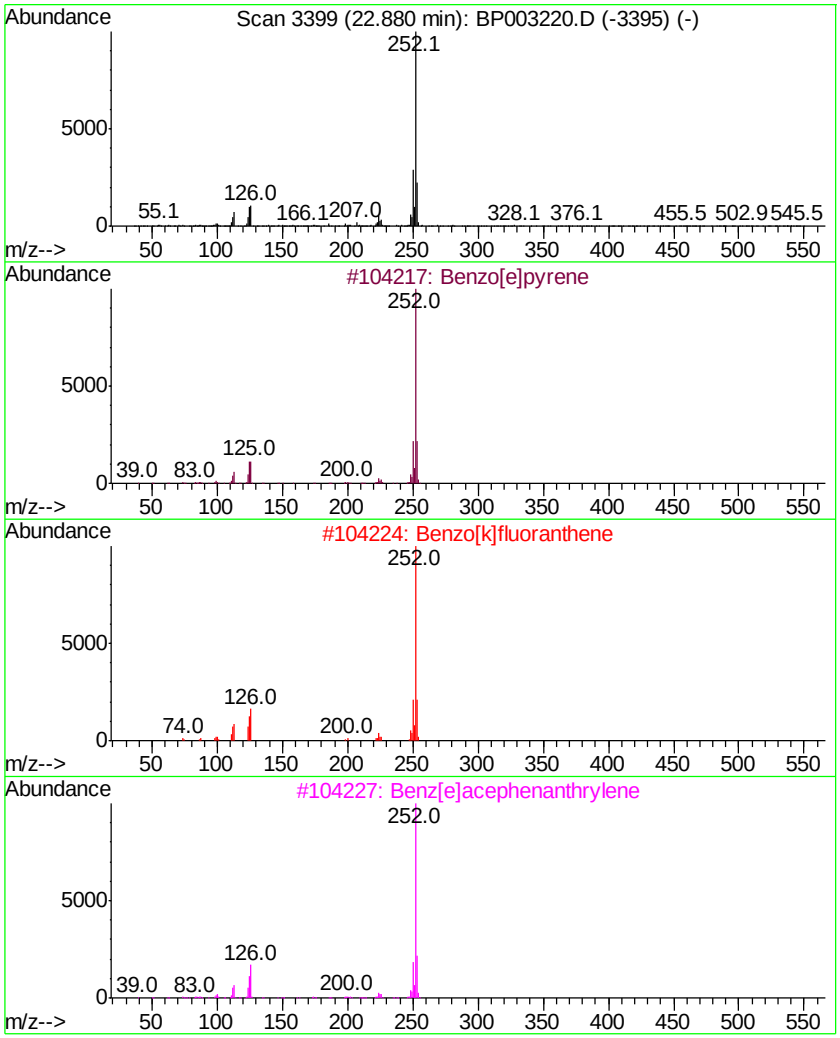
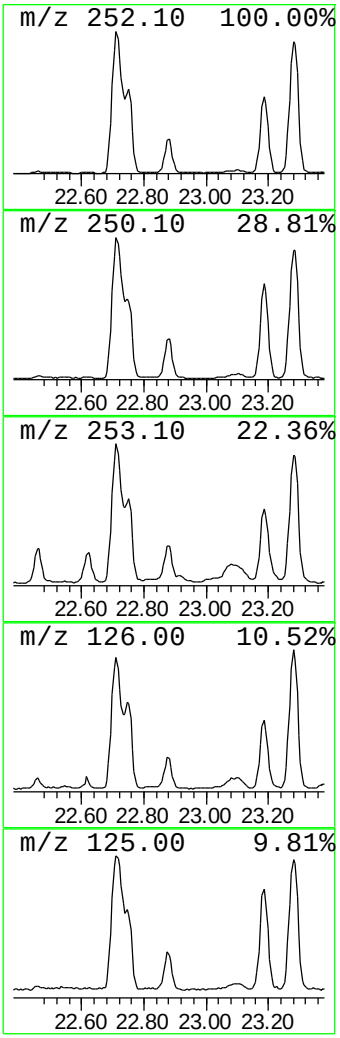
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	5.08 ng	652099	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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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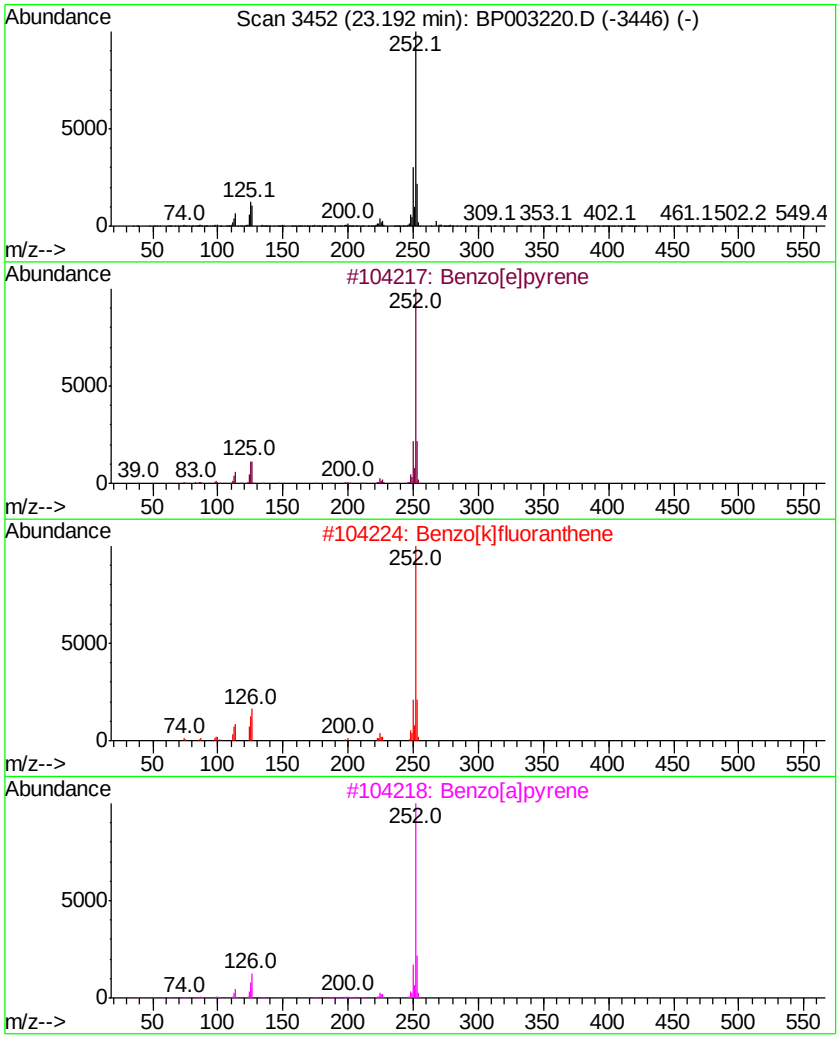
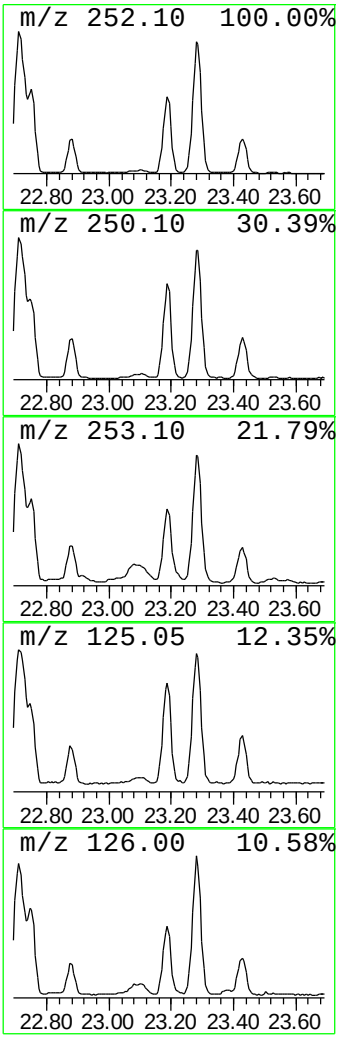
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	13.09 ng	1680780	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090420\
Data File : BP003220.D
Acq On : 04 Sep 2020 20:07
Operator : CG/JU
Sample : L3894-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AL-FALAH-1

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	2.8	ng	218248	1	7.65	1576670	20.0
9H-Fluorene, 1-me...	16.36	2.5	ng	348669	4	17.05	2795830	20.0
Naphtho[2,3-b]thi...	16.87	3.9	ng	549543	4	17.05	2795830	20.0
Phenanthrene, 1-m...	17.92	4.9	ng	686519	4	17.05	2795830	20.0
Phenanthrene, 2-m...	17.97	7.9	ng	1104340	4	17.05	2795830	20.0
Anthracene, 2-met...	18.05	3.9	ng	548551	4	17.05	2795830	20.0
4H-Cyclopenta[def...	18.12	12.6	ng	1760610	4	17.05	2795830	20.0
Anthracene, 9-met...	18.15	2.7	ng	372406	4	17.05	2795830	20.0
Naphthalene, 2-ph...	18.41	3.5	ng	484433	4	17.05	2795830	20.0
Phenanthrene, 2,5...	18.82	3.9	ng	547733	4	17.05	2795830	20.0
Pyrene, 1-methyl-	19.74	2.2	ng	663528	5	21.15	6118130	20.0
11H-Benzo[b]fluorene	19.91	4.1	ng	1247790	5	21.15	6118130	20.0
Fluoranthene, 2-m...	20.00	4.3	ng	1303240	5	21.15	6118130	20.0
Pyrene, 4-methyl-	20.06	2.3	ng	689024	5	21.15	6118130	20.0
Cyclopenta(cd)pyr...	21.30	2.9	ng	880204	5	21.15	6118130	20.0
Benzo[e]pyrene	22.88	5.1	ng	652099	6	23.38	2568640	20.0
Benzo[j]fluoranthene	23.19	13.1	ng	1680780	6	23.38	2568640	20.0