LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	314	320	330	rVB	491278	723385	9.41%	0.689%
2	5.272	391	397	412	rBV	2046174	3077911	40.04%	2.931%
3	6.831	655	662	682	rBV	1937945	3072347	39.96%	2.926%
4	7.643	791	800	810	rBV	791299	1333518	17.35%	1.270%
5	8.178	884	891	900	rBV	35683	82448	1.07%	0.079%
6	8.778	977	993	1004	rBV	1193237	2017479	26.24%	1.921%
7	10.413	1261	1271	1276	rBV	1061170	1880758	24.46%	1.791%
8	10.460	1276	1279	1286	rVB	210520	314556	4.09%	0.300%
9	11.454	1442	1448	1456	rBV4	27799	77017	1.00%	0.073%
10	11.848	1510	1515	1520	rBV2	43635	77862	1.01%	0.074%
11	12.078	1545	1554	1563	rBV	209174	375588	4.89%	0.358%
12	12.295	1585	1591	1601	rVB	188827	375295	4.88%	0.357%
13	12.884	1685	1691	1702	rBV	2975991	4501022	58.55%	4.286%
14	13.107	1724	1729	1737	rVB3	54146	102447	1.33%	0.098%
15	13.295	1758	1761	1771	rVB	42541	89811	1.17%	0.086%
16	13.454	1779	1788	1795	rBV	116442	314394	4.09%	0.299%
17	13.595	1806	1812	1817	rBV	220943	347129	4.52%	0.331%
18	13.648	1817	1821	1827	rVB	142380	204965	2.67%	0.195%
19	13.725	1827	1834	1842	rBV2	38998	116334	1.51%	0.111%
20	13.837	1848	1853	1858	rBV	92219	154964	2.02%	0.148%
21	14.001	1875	1881	1888	rBV	374646	618729	8.05%	0.589%
22	14.131	1894	1903	1910	rVB3	48407	123468	1.61%	0.118%
23	14.201	1911	1915	1920	rVB	68078	78420	1.02%	0.075%
24	14.284	1920	1929	1934	rBV	1647744	2400984	31.23%	2.286%
25	14.342	1934	1939	1943	rVV	310274	395121	5.14%	0.376%
26	14.501	1961	1966	1974	rBV2	50046	115019	1.50%	0.110%
27	14.689	1991	1998	2006	rVV2	211321	459778	5.98%	0.438%
28	14.766	2006	2011	2017	rVB	129602	178512	2.32%	0.170%
29	14.913	2030	2036	2041	rBV2	101760	198727	2.58%	0.189%
30	14.972	2041	2046	2050	rVB	79024	118401	1.54%	0.113%
31	15.084	2058	2065	2068	rBV3	61735	139829	1.82%	0.133%
32	15.178	2076	2081	2086	rVB3	83490	140028	1.82%	0.133%
33	15.278	2088	2098	2100	rBV4	50658	127586	1.66%	0.122%
34	15.354	2105	2111	2122	rVB	518800	871647	11.34%	0.830%
35	15.584	2146	2150	2156	rVV4	54982	104601	1.36%	0.100%
36	15.660	2158	2163	2173	rVB2	475909	823404	10.71%	0.784%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.789	2178	2185	2197	rBV	2182245	3843014	49.99%	3.660%
38	16.048	2224	2229	2232	rBV4	103703	192921	2.51%	0.184%
39	16.078	2232	2234	2241	rVB	106477	132262	1.72%	0.126%
40	16.242	2256	2262	2267	rVV4	37591	85823	1.12%	0.082%
41	16.372	2275	2284	2290	rBV3	113942	345437	4.49%	0.329%
42	16.431	2291	2294	2299	rVB2	88822	124082	1.61%	0.118%
43	16.536	2309	2312	2318	rVB5	69933	100870	1.31%	0.096%
44	16.819	2355	2360	2365	rBV3	49544	97979	1.27%	0.093%
45	16.907	2371	2375	2385	rVB	196657	388657	5.06%	0.370%
46	17.095	2400	2407	2410	rBV2	1728682	2800706	36.43%	2.667%
47	17.130	2410	2413	2420	rVV	2812224	3997799	52.00%	3.807%
48	17.219	2421	2428	2436	rVB	826659	1298916	16.90%	1.237%
49	17.295	2436	2441	2447	rBV3	95704	216455	2.82%	0.206%
50	17.507	2472	2477	2482	rBV	163066	256284	3.33%	0.244%
51	17.636	2496	2499	2503	rVB	117021	133422	1.74%	0.127%
52	17.695	2505	2509	2514	rVB	116421	161045	2.09%	0.153%
53	17.830	2528	2532	2540	rVB2	82282	169729	2.21%	0.162%
54	18.001	2556	2561	2564	rBV	524084	792235	10.30%	0.754%
55	18.042	2564	2568	2577	rVV2	1092799	1765298	22.96%	1.681%
56	18.125	2578	2582	2587	rVV	301784	458693	5.97%	0.437%
57	18.189	2587	2593	2598	rVV	904627	1692262	22.01%	1.612%
58	18.236	2598	2601	2610	rVB	400348	579474	7.54%	0.552%
59	18.354	2619	2621	2626	rVB	72991	90384	1.18%	0.086%
60	18.413	2627	2631	2635	rVB3	80472	107560	1.40%	0.102%
61	18.519	2645	2649	2652	rBV	246566	314274	4.09%	0.299%
62	18.554	2653	2655	2663	rVB2	139188	212708	2.77%	0.203%
63	18.772	2689	2692	2697	rVB	149953	188897	2.46%	0.180%
64	18.825	2697	2701	2705	rVV	217982	307888	4.00%	0.293%
65	18.866	2705	2708	2712	rVB	158398	212292	2.76%	0.202%
66	18.954	2718	2723	2728	rBV	454563	739772	9.62%	0.704%
67	19.019	2728	2734	2737	rBV2	290387	496642	6.46%	0.473%
68	19.095	2743	2747	2755	rBV3	251054	511716	6.66%	0.487%
69	19.219	2762	2768	2777	rBV	4068387	6694615	87.08%	6.375%
70	19.383	2791	2796	2800	rBV2	319741	486280	6.33%	0.463%
71	19.477	2809	2812	2817	rBV2	161894	247049	3.21%	0.235%
72	19.595	2823	2832	2843	rBV	4097019	7510704	97.69%	7.153%
73	19.683	2843	2847	2855	rVB2	208969	456589	5.94%	0.435%
74	19.824	2862	2871	2883	rVB	5064602	7596826	98.82%	7.235%
75	19.948	2886	2892	2897	rBV4	416215	862924	11.22%	0.822%
76	20.089	2912	2916	2918	rBV2	304397	450379	5.86%	0.429%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.130	2918	2923	2927	rVB	828020	1325959	17.25%	1.263%
78	20.230	2936	2940	2944	rBV	759703	918798	11.95%	0.875%
79	20.289	2945	2950	2954	rVB2	553872	841332	10.94%	0.801%
80	20.436	2971	2975	2979	rVB	365748	453745	5.90%	0.432%
81	20.483	2979	2983	2989	rBV2	373141	578692	7.53%	0.551%
82	20.919	3054	3057	3063	rVB2	314160	500385	6.51%	0.477%
83	21.101	3085	3088	3092	rVB	291306	391257	5.09%	0.373%
84	21.148	3092	3096	3099	rVB	315014	379713	4.94%	0.362%
85	21.183	3099	3102	3104	rBV	277094	320149	4.16%	0.305%
86	21.218	3105	3108	3112	rVB4	210662	299634	3.90%	0.285%
87	21.518	3153	3159	3165	rBV2	3179817	7687912	100.00%	7.321%
88	21.577	3165	3169	3181	rVB	2086713	3536301	46.00%	3.368%
89	21.730	3192	3195	3201	rBV	328159	465820	6.06%	0.444%
90	23.783	3537	3544	3552	rBV	1427587	4735387	61.60%	4.510%
91	24.512	3662	3668	3680	rVB	1088290	2563140	33.34%	2.441%
92	24.654	3685	3692	3704	rVB	1391144	3701867	48.15%	3.525%
93	24.824	3713	3721	3728	rBV3	1197735	3053392	39.72%	2.908%

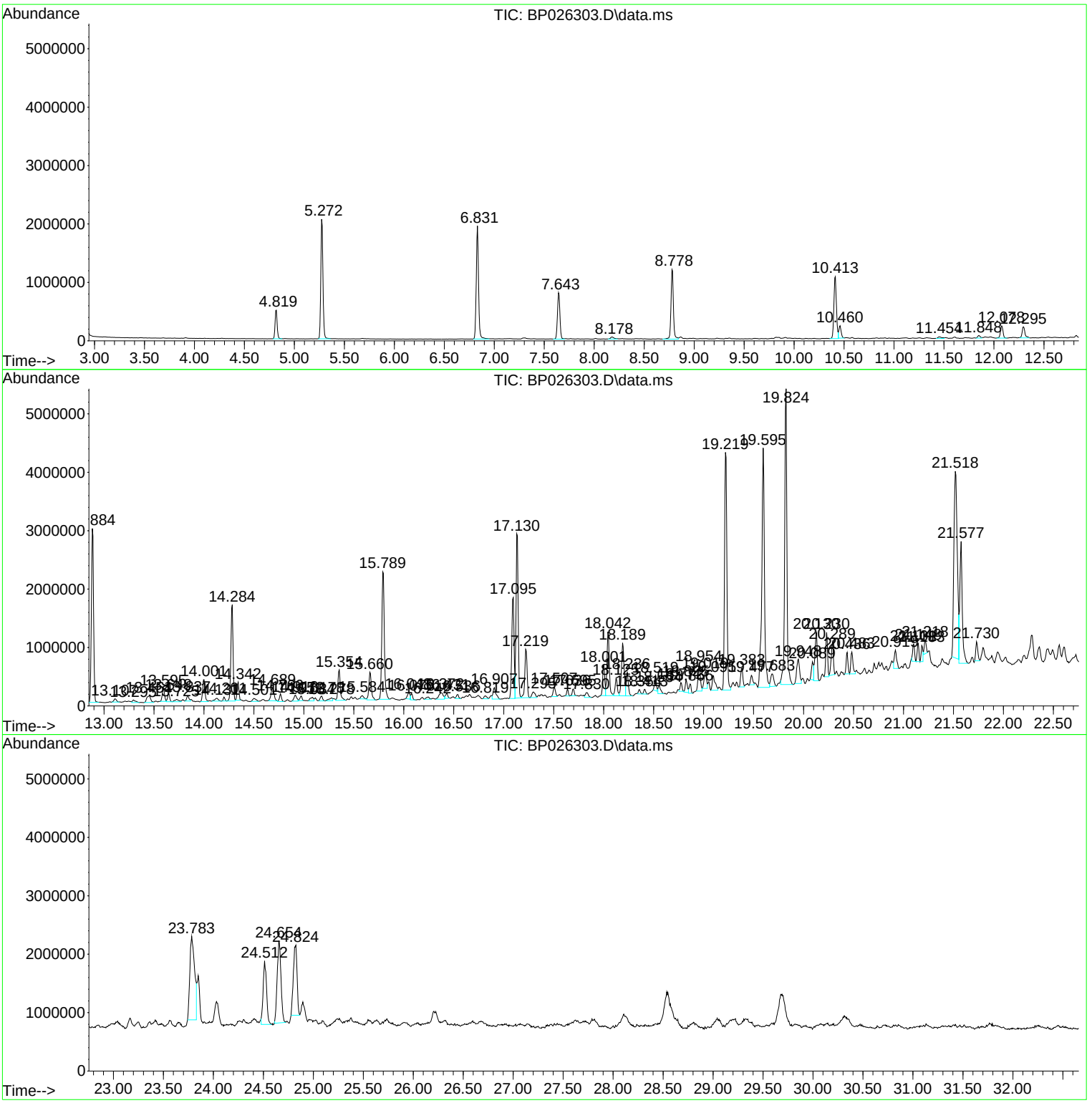
Sum of corrected areas: 105007829

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

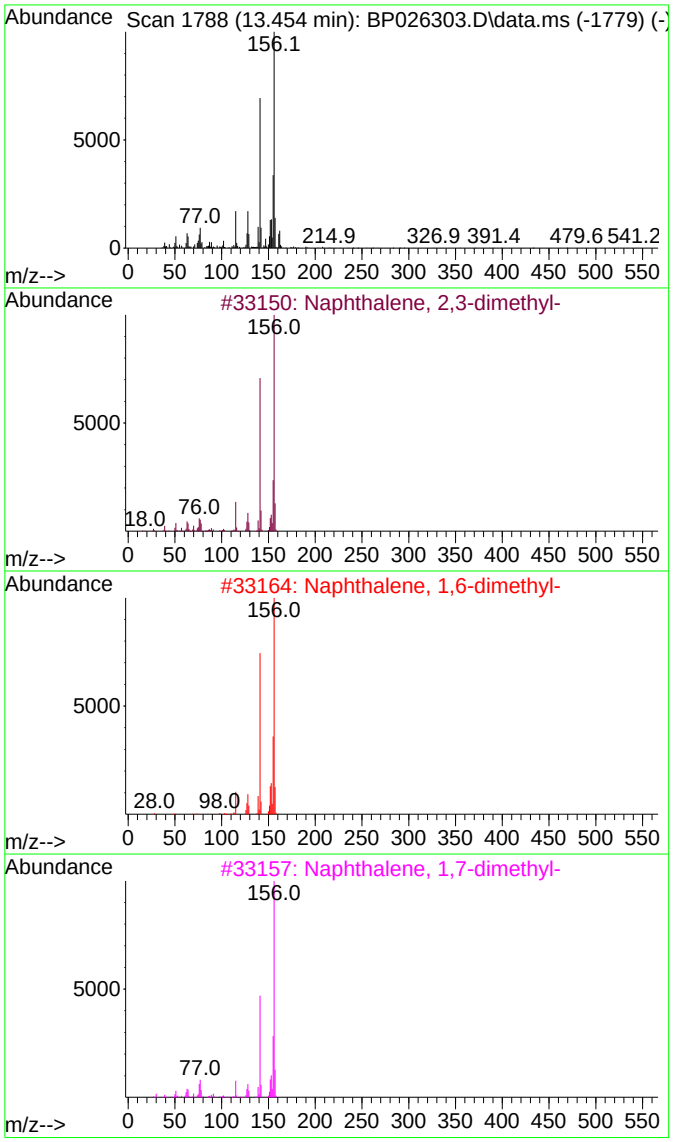
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

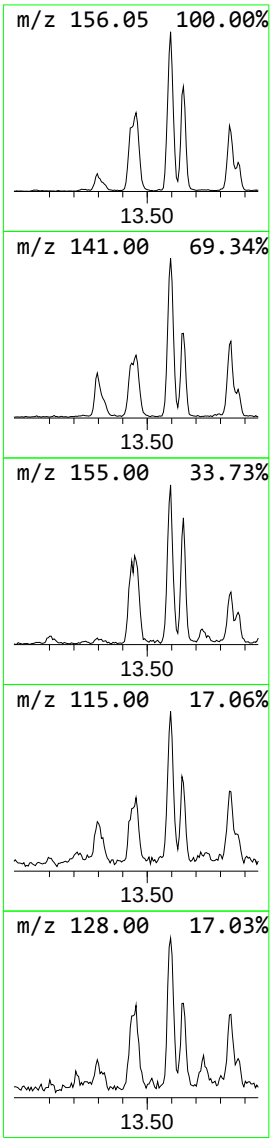
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.454	2.62 ng	314394	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

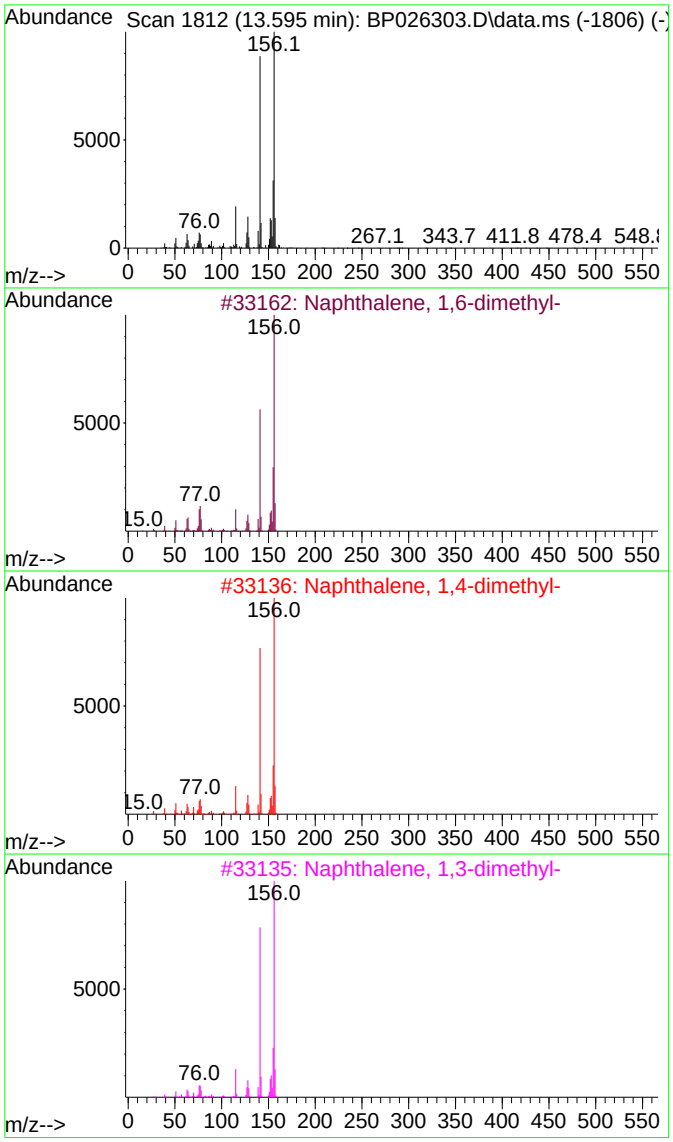
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

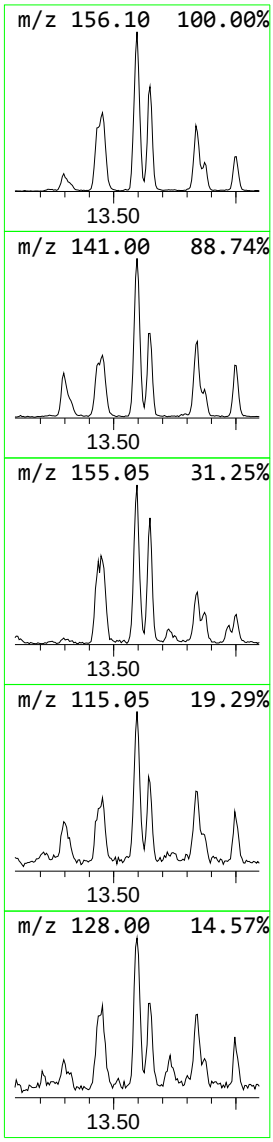
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.595	2.89 ng	347129	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

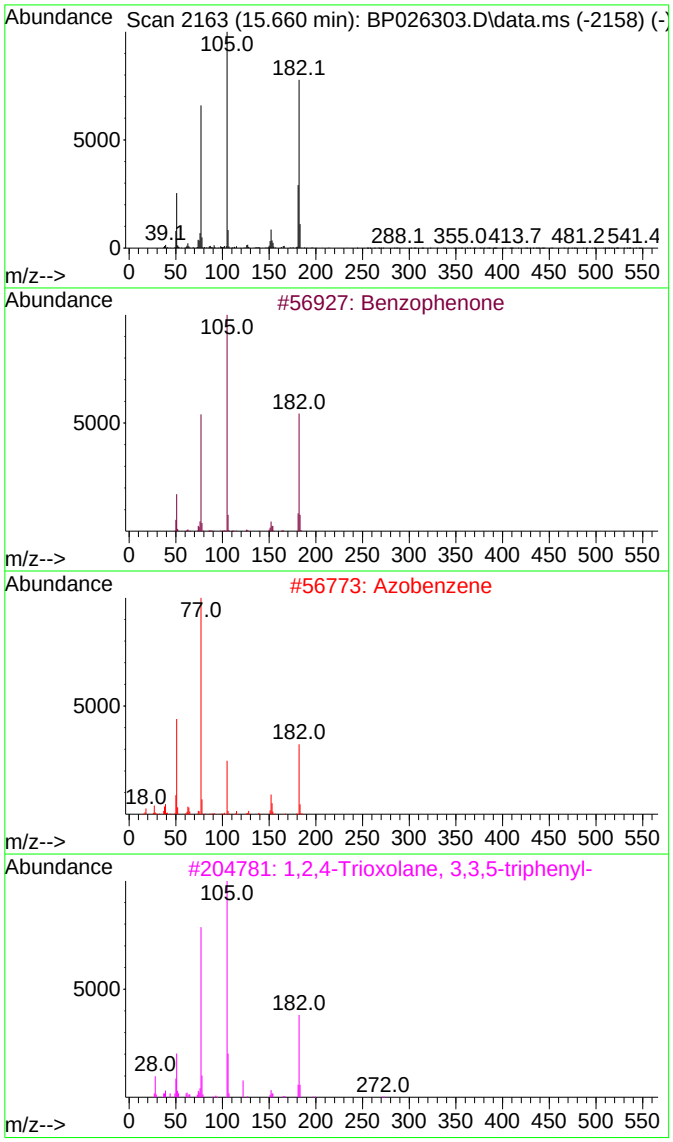
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

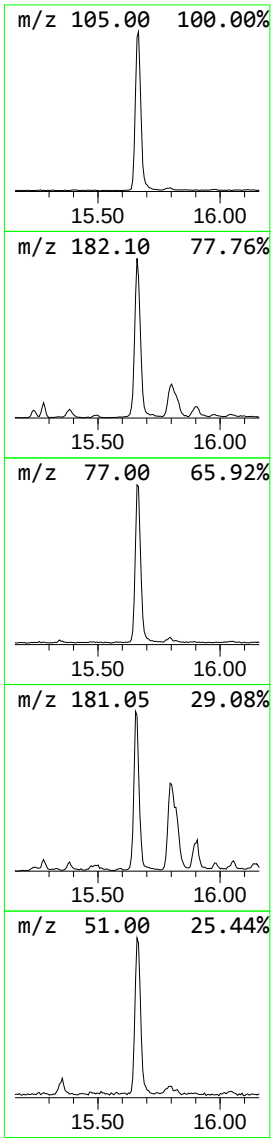
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.660	6.86 ng	823404	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

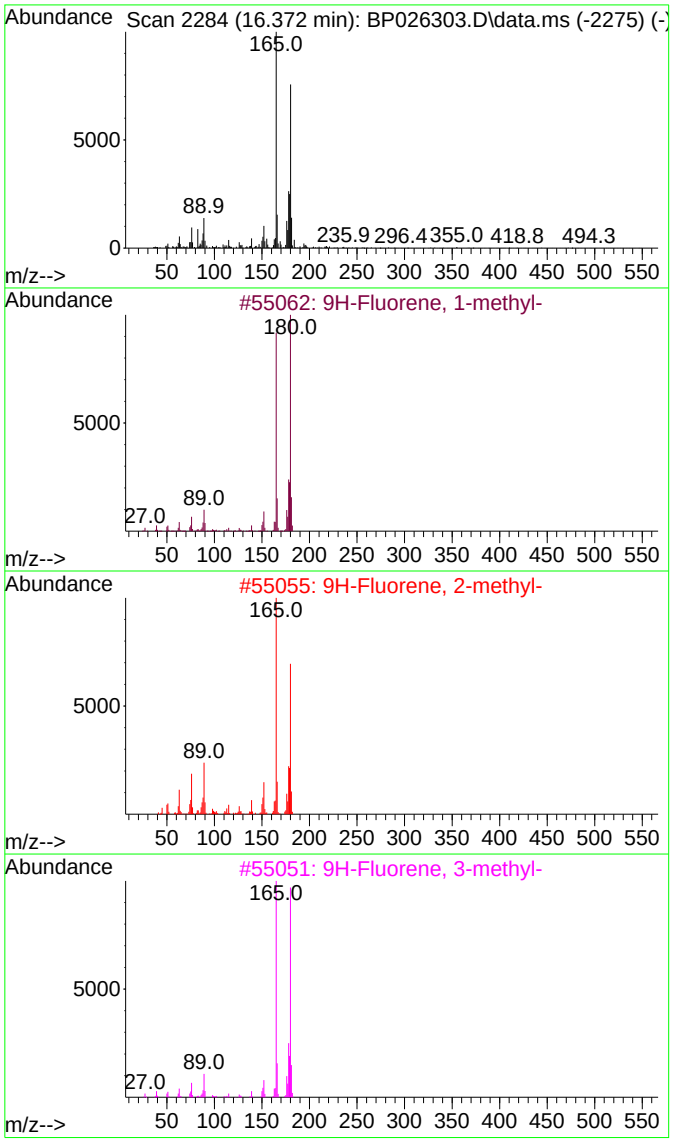
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

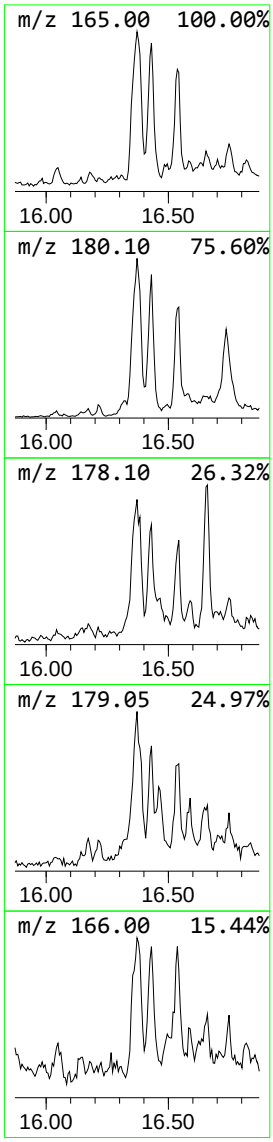
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.372	2.47 ng	345437	Phenanthrene-d10	17.095

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	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

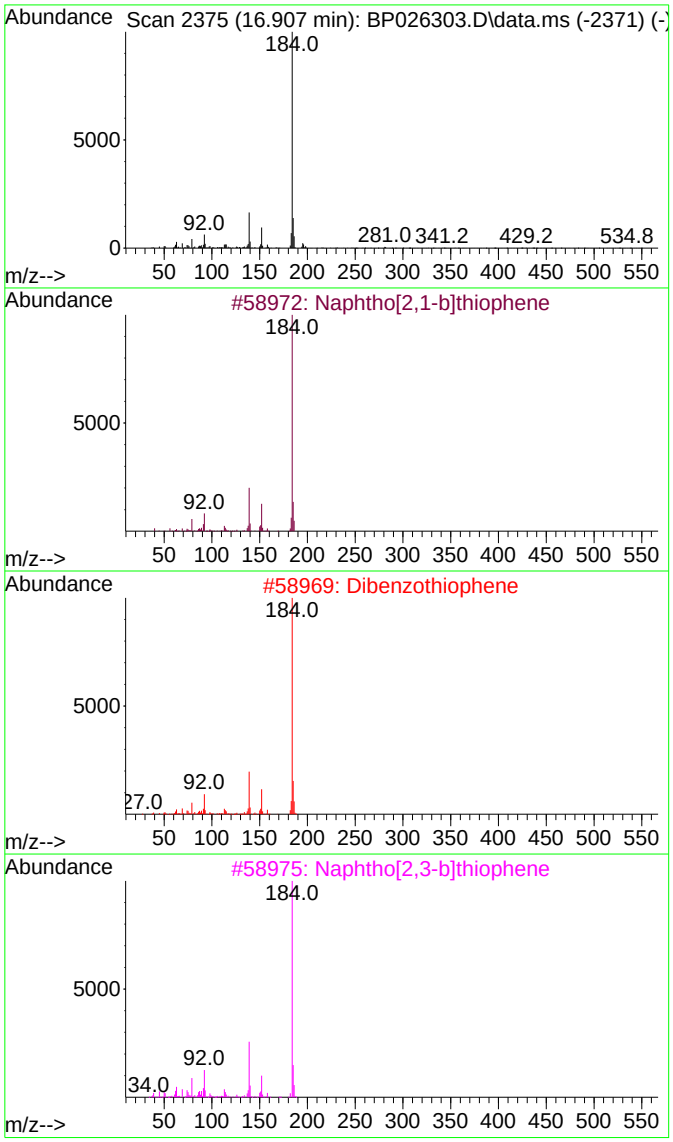
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

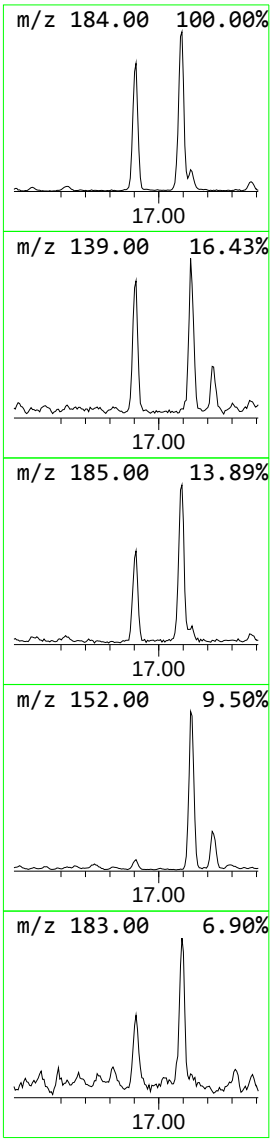
****

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.907	2.78 ng	388657	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

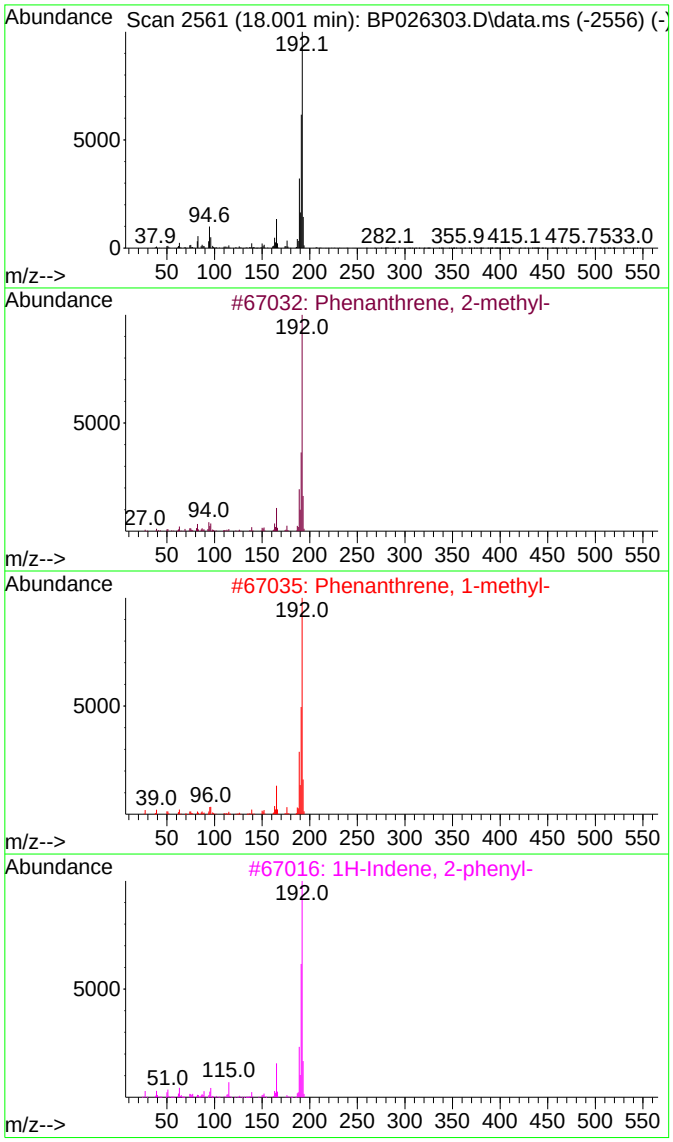
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

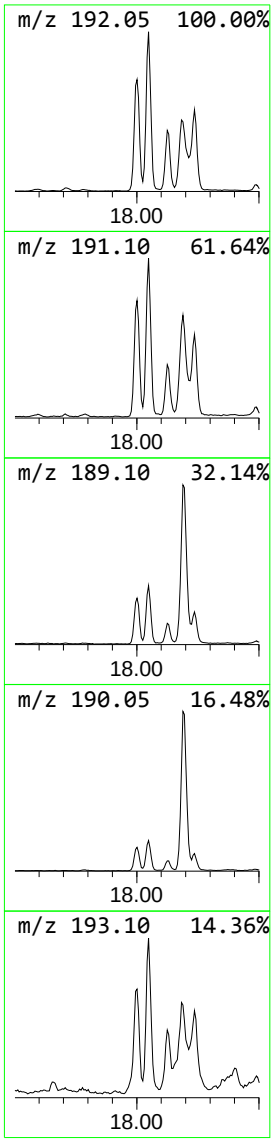
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	5.66 ng	792235	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

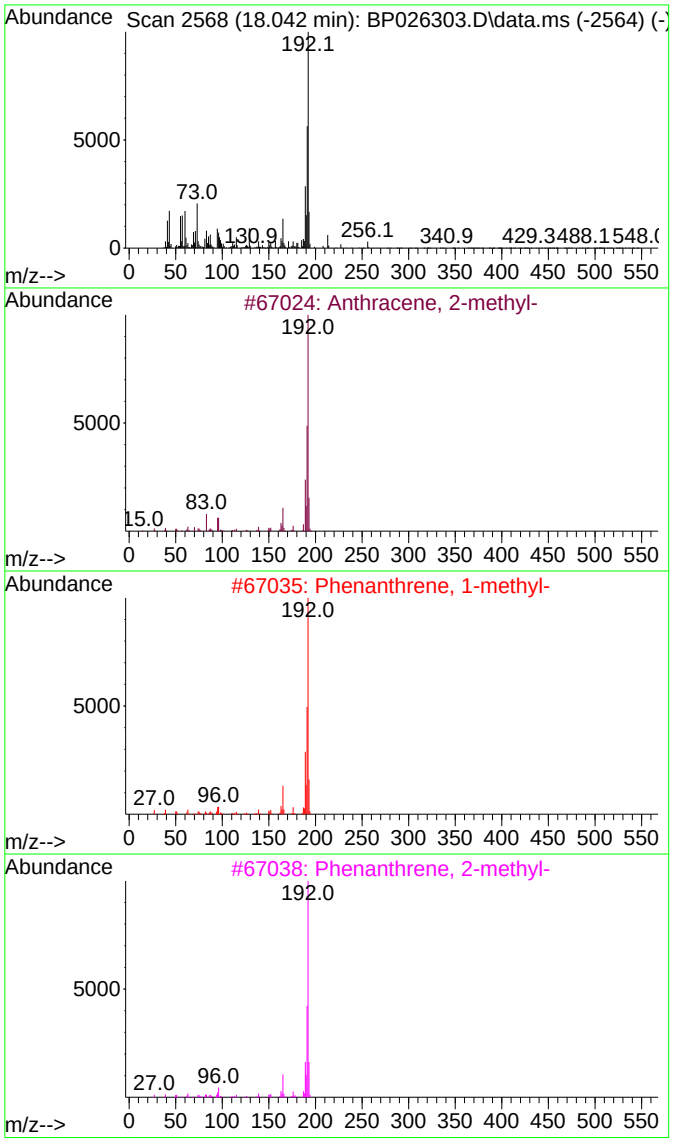
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

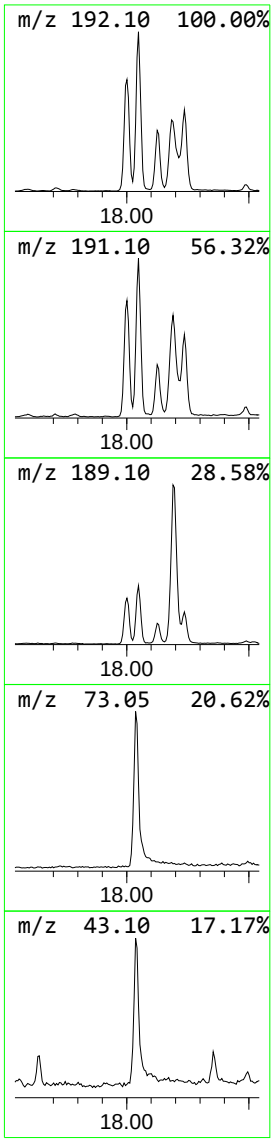
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.042	12.61 ng	1765300	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

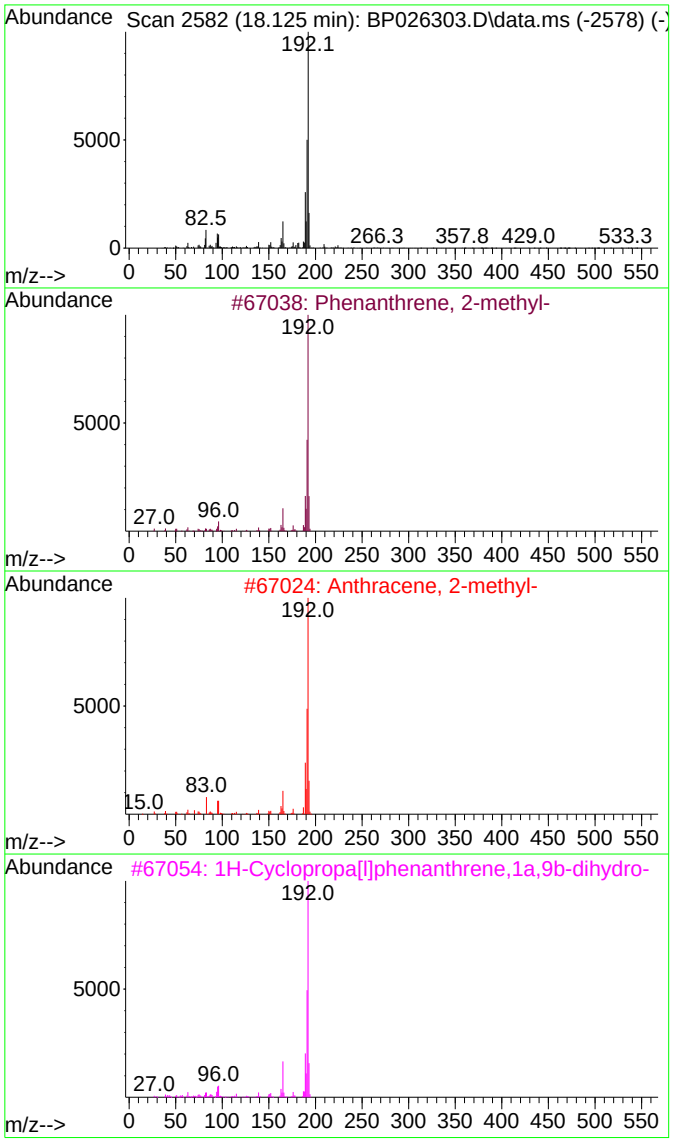
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

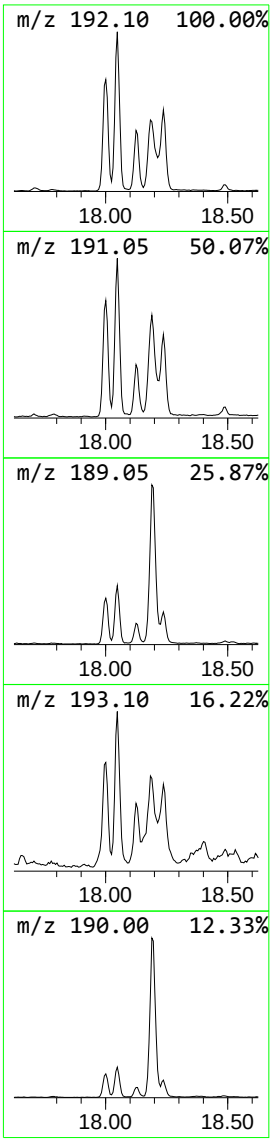
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	3.28 ng	458693	Phenanthrene-d10	17.095

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

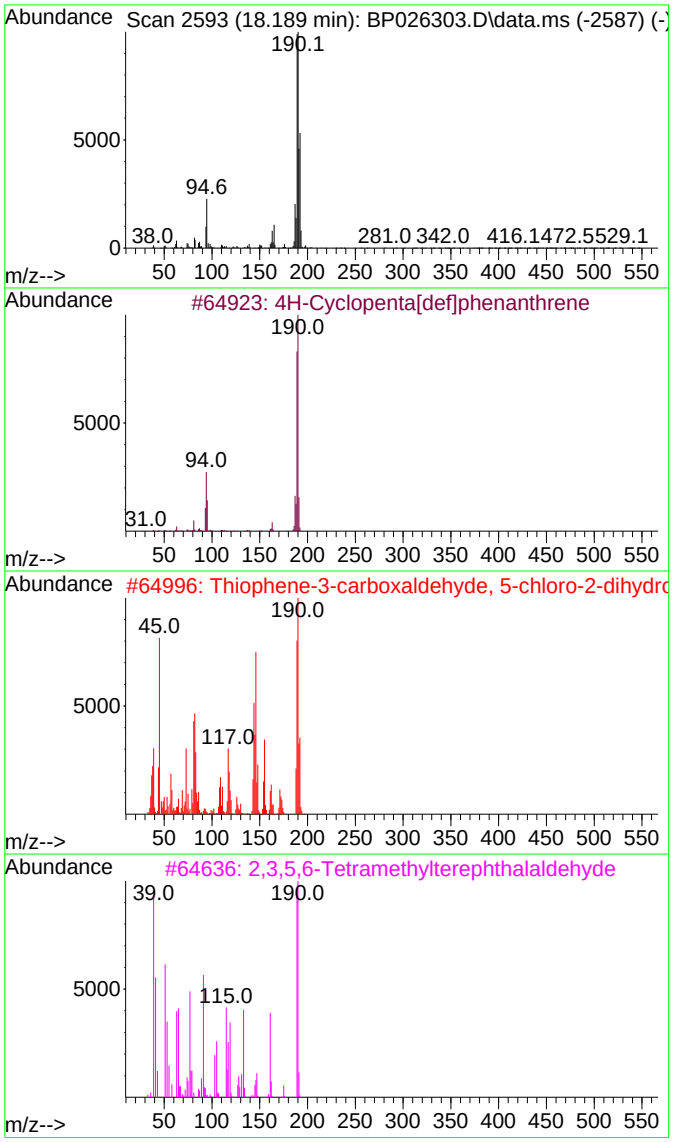
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

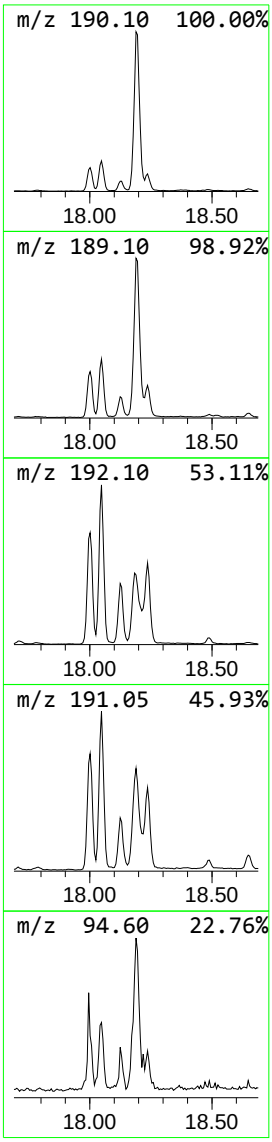
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	12.08 ng	1692260	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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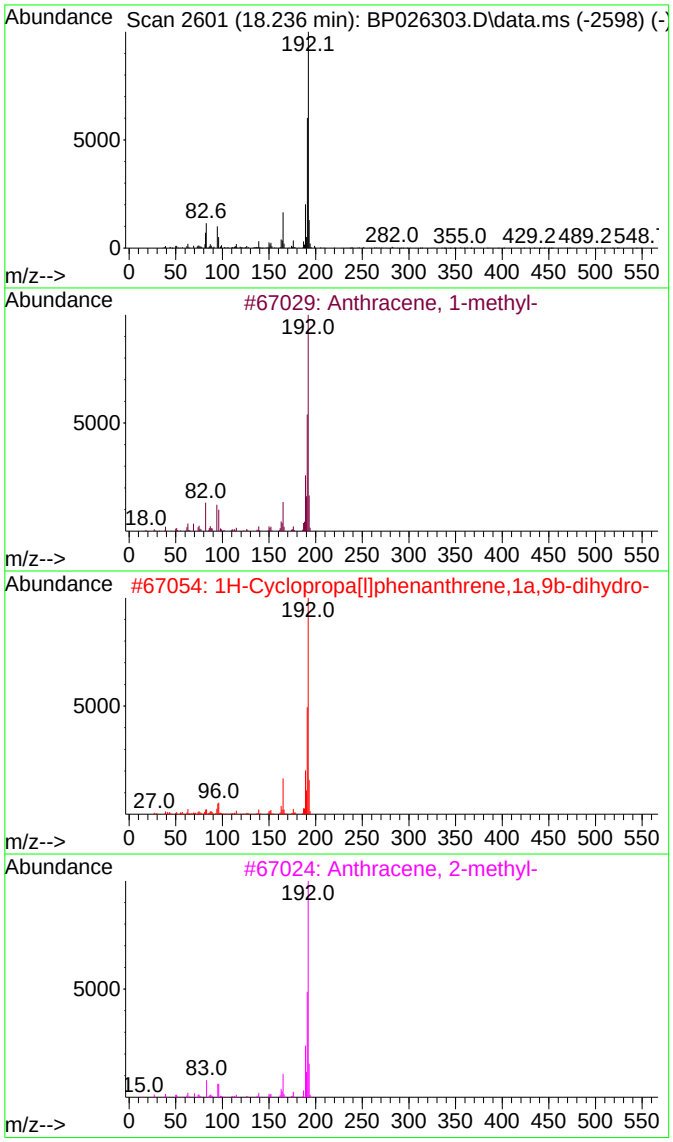
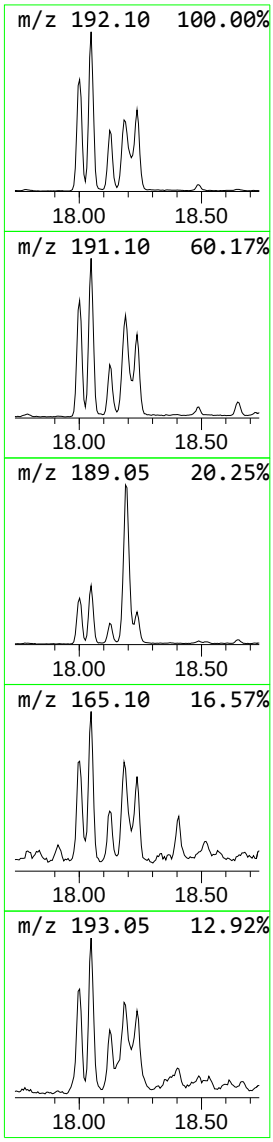
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	4.14 ng	579474	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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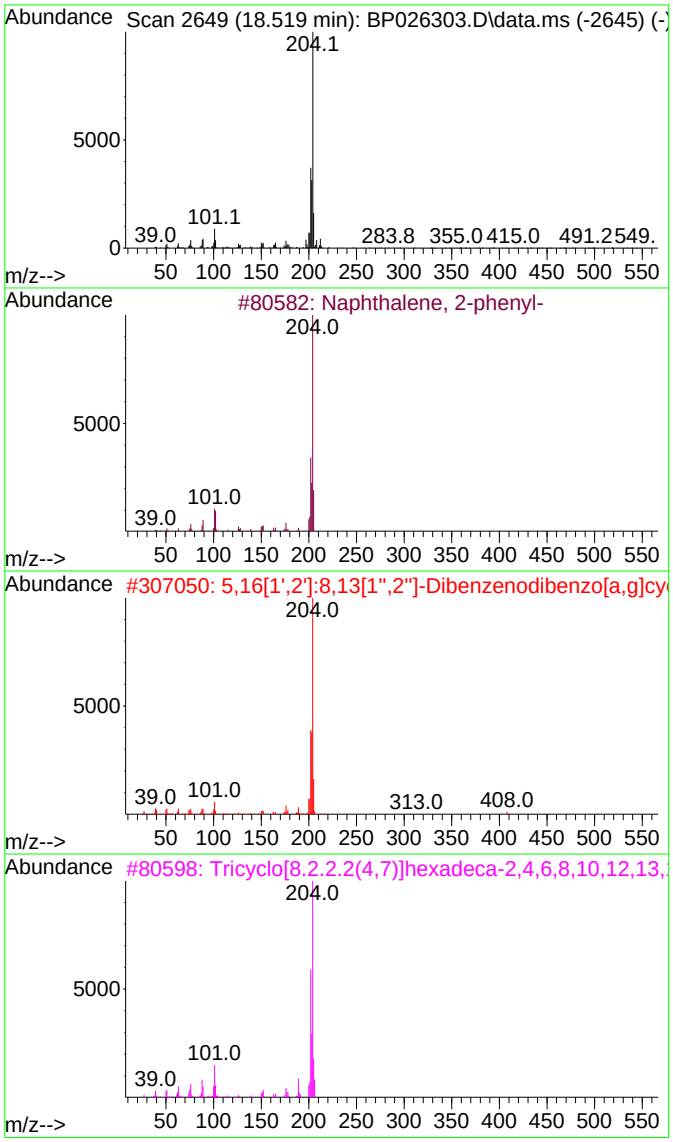
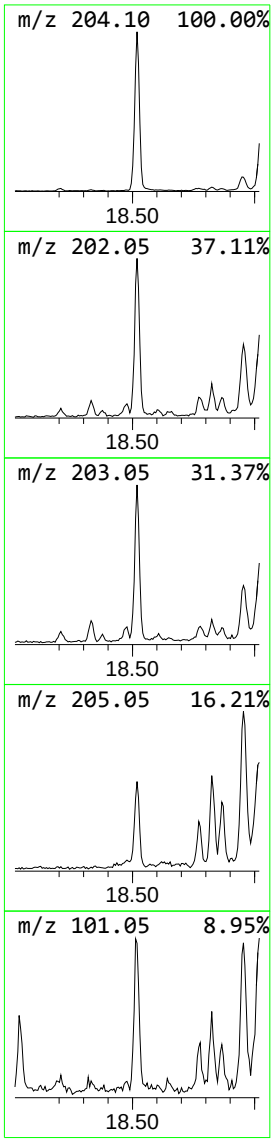
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.519	2.24 ng	314274	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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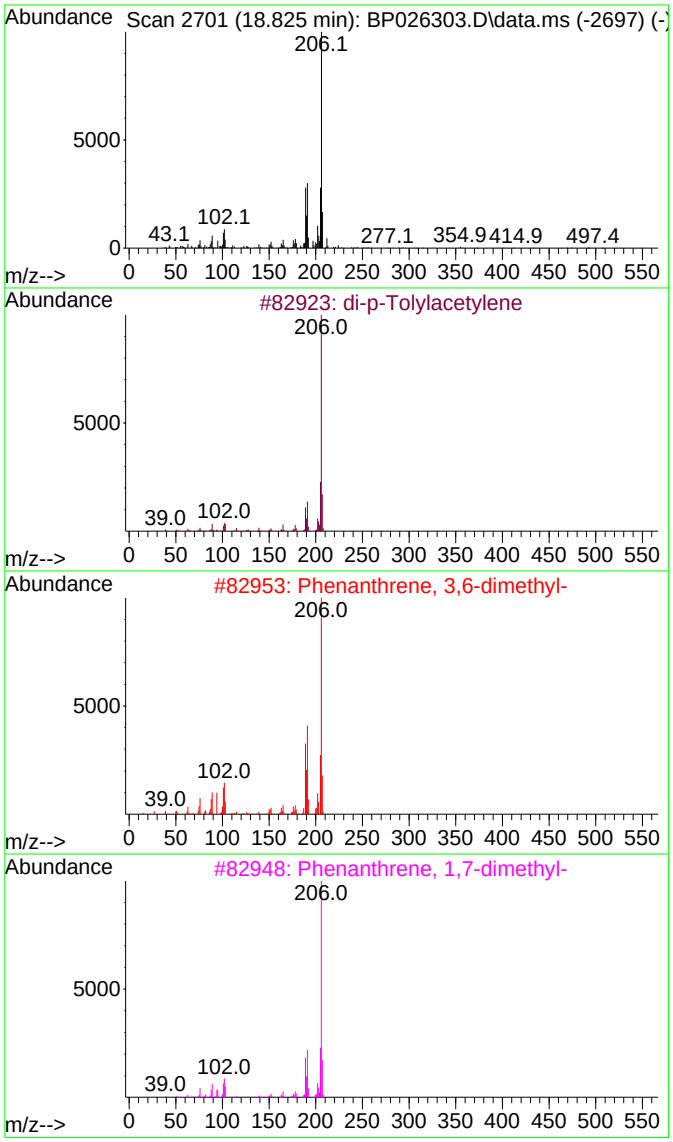
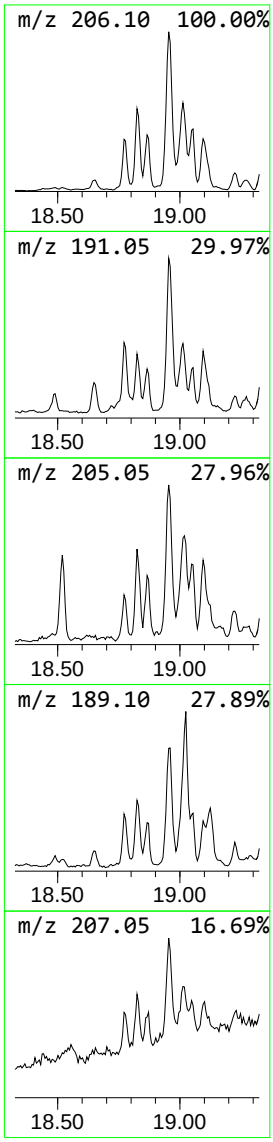
Peak Number 13 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.825	2.20 ng	307888	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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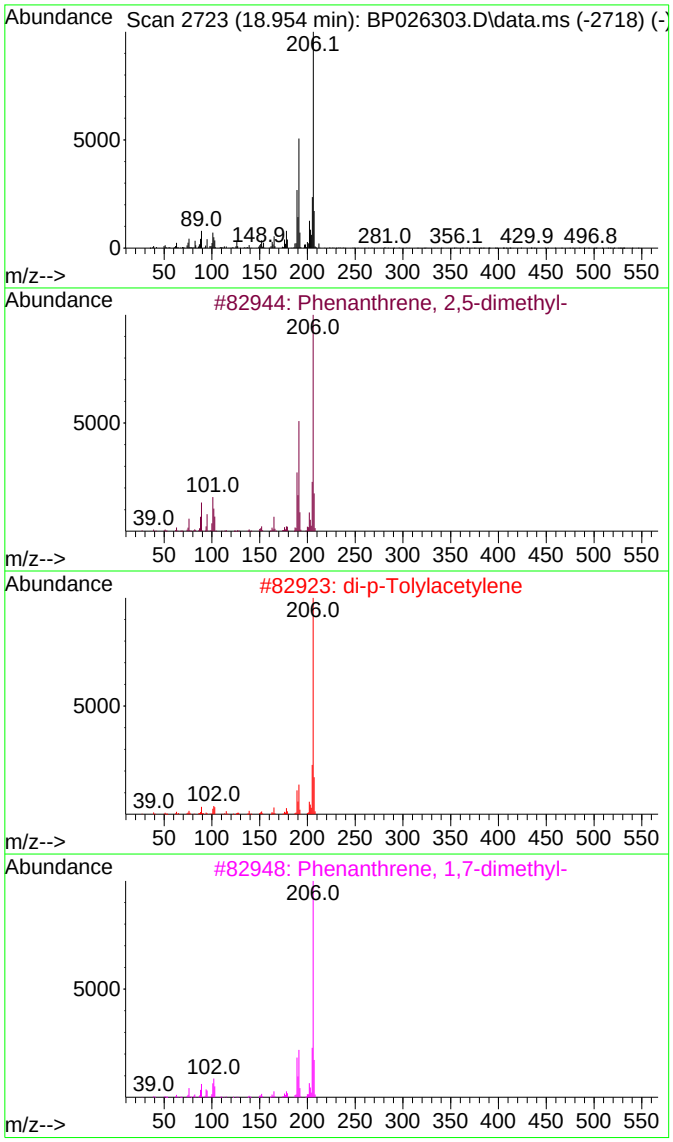
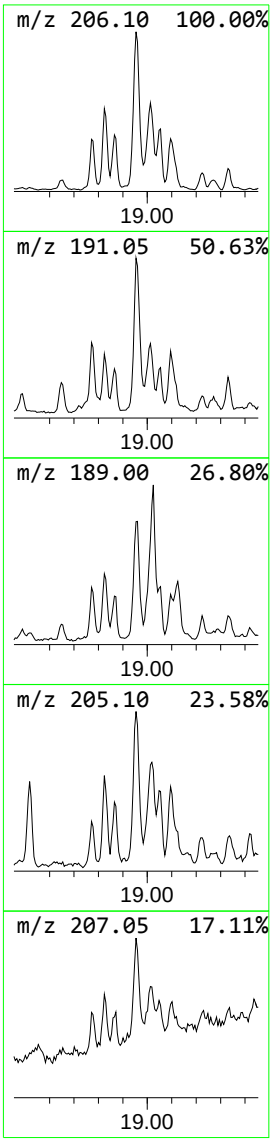
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.954	5.28 ng	739772	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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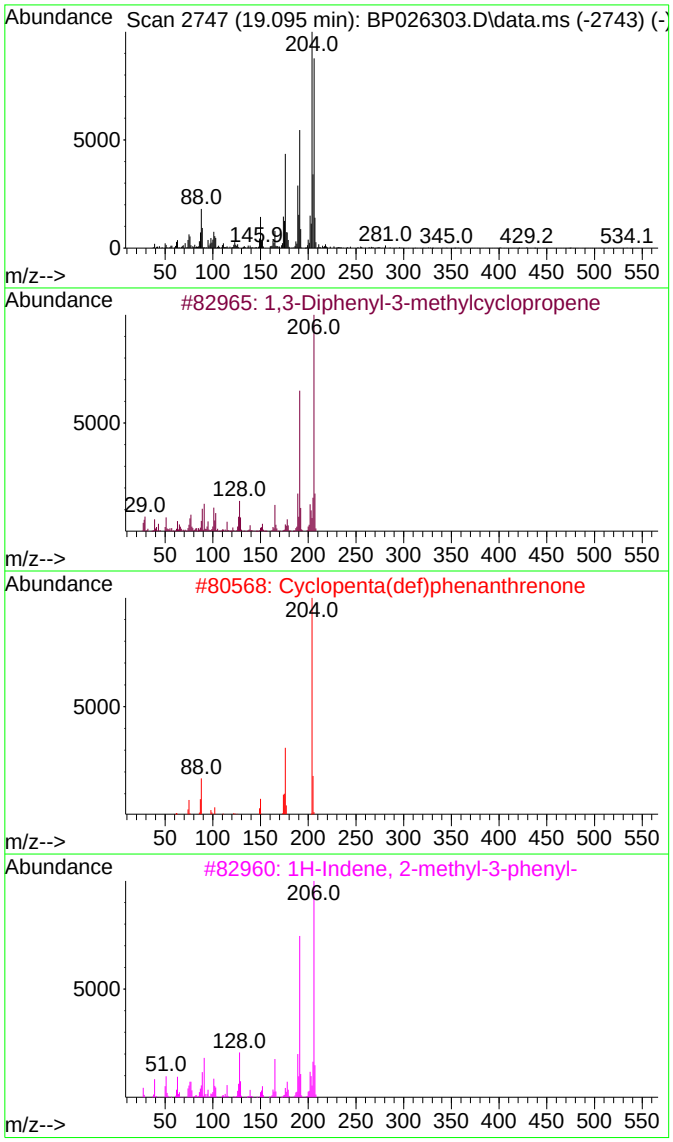
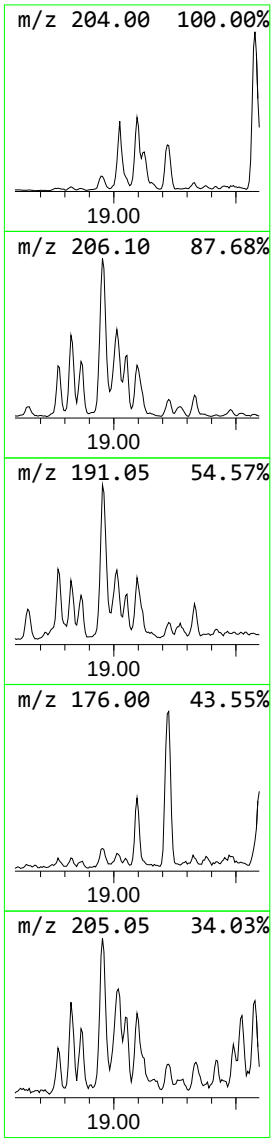
Peak Number 16 1,3-Diphenyl-3-methylcyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.095	3.65 ng	511716	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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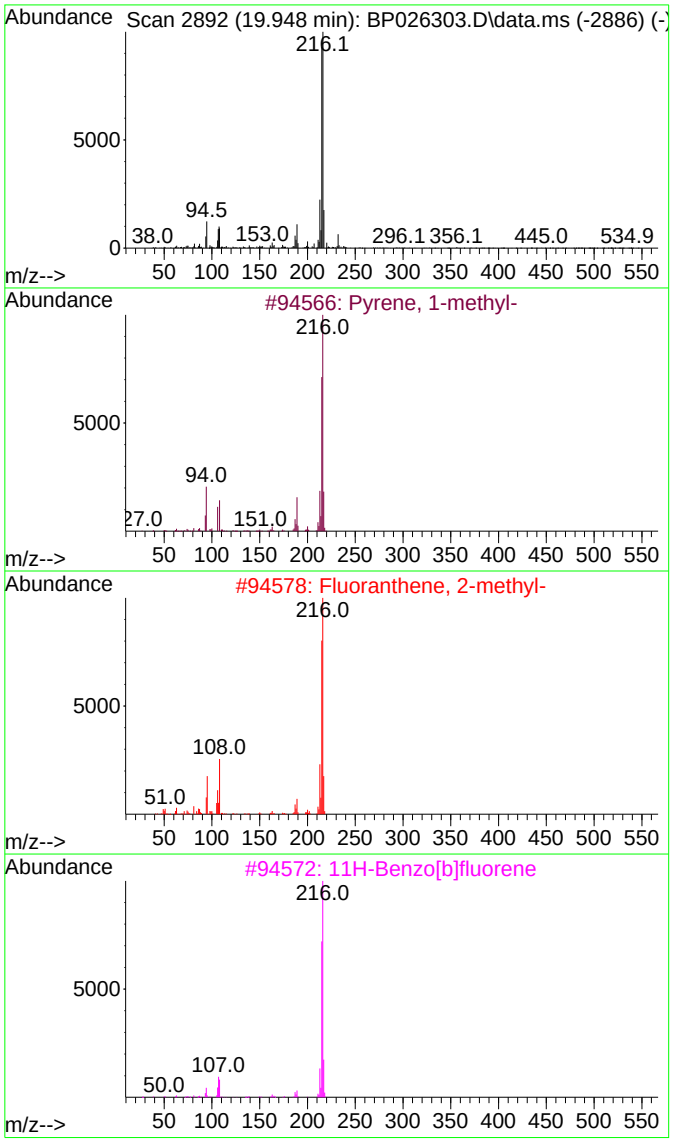
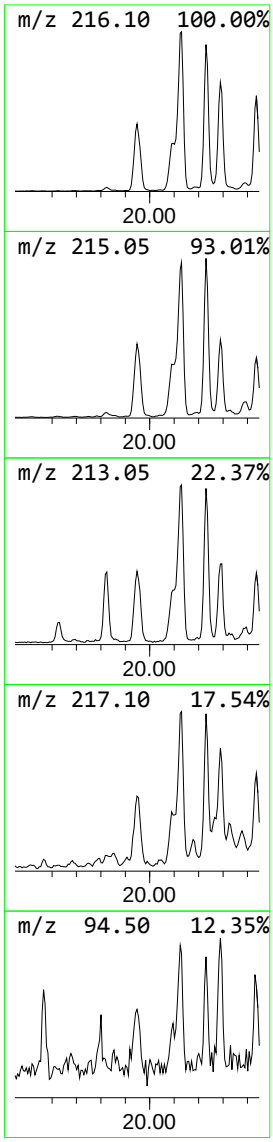
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.948	2.24 ng	862924	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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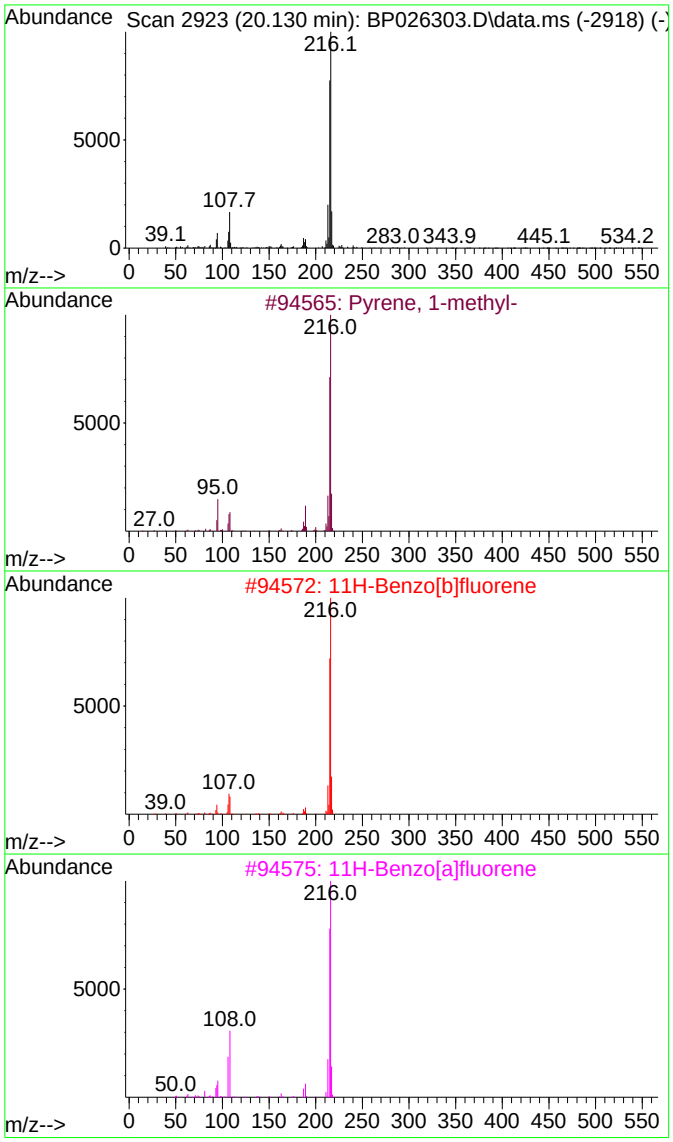
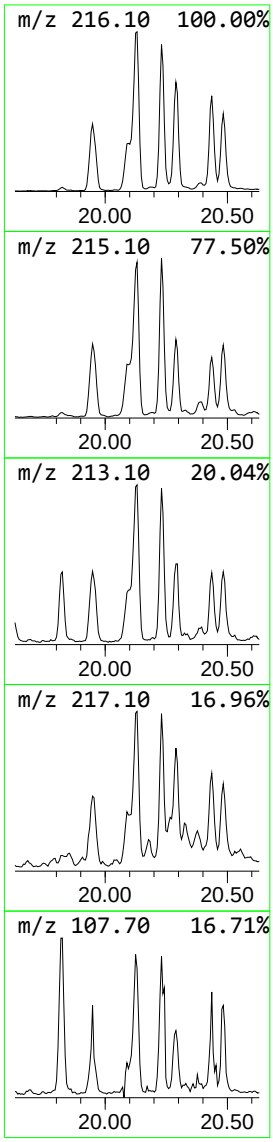
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.130	3.45 ng	1325960	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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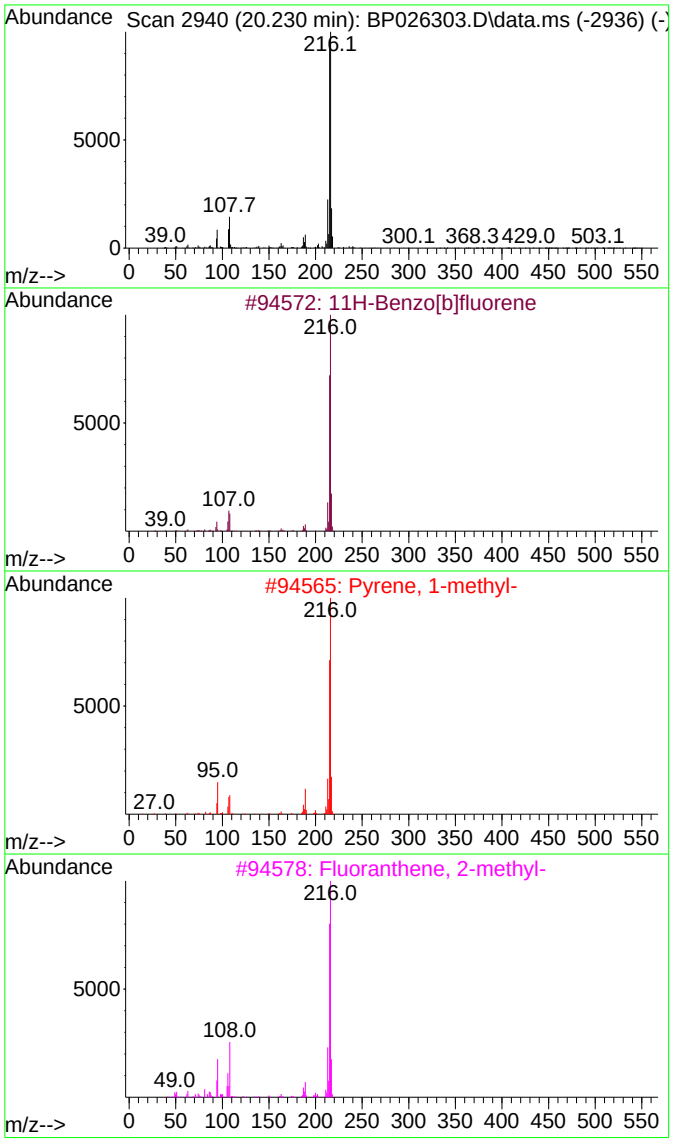
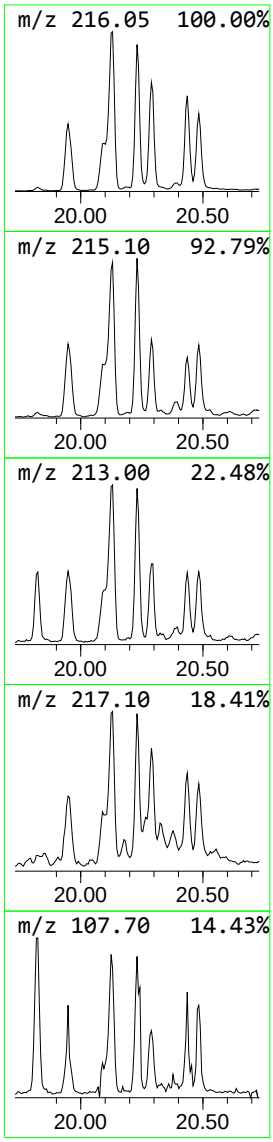
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	2.39 ng	918798	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

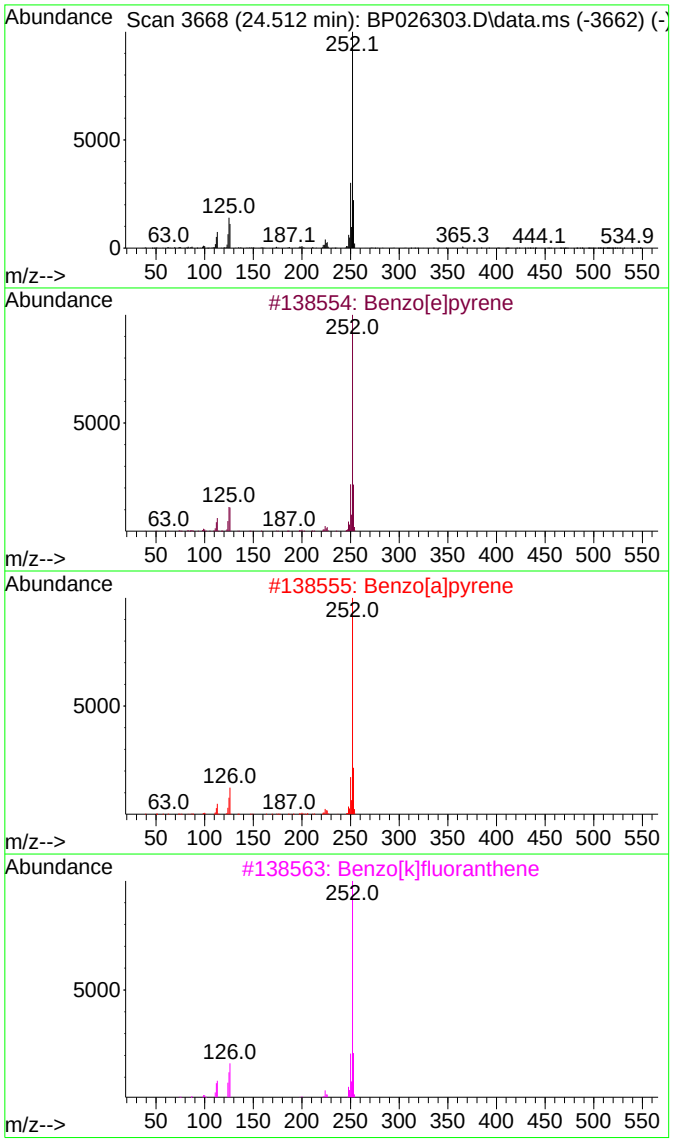
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

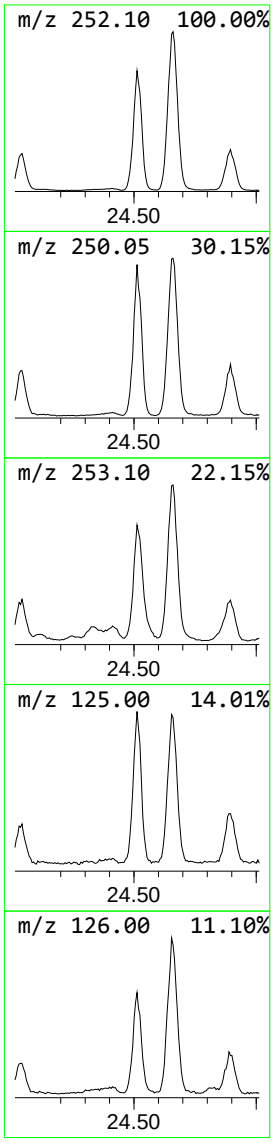
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.512	16.79 ng	2563140	Perylene-d12	24.824

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026303.D
Acq On : 11 Dec 2025 22:03
Operator : RC/JU
Sample : Q3831-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	13.454	2.6	ng	314394	3	14.284	2400980	20.0
Naphthalene, 1,...	13.595	2.9	ng	347129	3	14.284	2400980	20.0
Benzophenone	15.660	6.9	ng	823404	3	14.284	2400980	20.0
9H-Fluorene, 1-...	16.372	2.5	ng	345437	4	17.095	2800710	20.0
Naphtho[2,1-b]t...	16.907	2.8	ng	388657	4	17.095	2800710	20.0
Phenanthrene, 2...	18.001	5.7	ng	792235	4	17.095	2800710	20.0
Anthracene, 2-m...	18.042	12.6	ng	1765300	4	17.095	2800710	20.0
Phenanthrene, 1...	18.125	3.3	ng	458693	4	17.095	2800710	20.0
4H-Cyclopenta[d...	18.189	12.1	ng	1692260	4	17.095	2800710	20.0
Anthracene, 1-m...	18.236	4.1	ng	579474	4	17.095	2800710	20.0
Naphthalene, 2-...	18.519	2.2	ng	314274	4	17.095	2800710	20.0
di-p-Tolylacety...	18.825	2.2	ng	307888	4	17.095	2800710	20.0
Phenanthrene, 2...	18.954	5.3	ng	739772	4	17.095	2800710	20.0
1,3-Diphenyl-3-...	19.095	3.6	ng	511716	4	17.095	2800710	20.0
Pyrene, 1-methyl-	19.948	2.2	ng	862924	5	21.530	7687910	20.0
11H-Benzo[b]flu...	20.130	3.5	ng	1325960	5	21.530	7687910	20.0
11H-Benzo[a]flu...	20.230	2.4	ng	918798	5	21.530	7687910	20.0
Benzo[e]pyrene	24.512	16.8	ng	2563140	6	24.824	3053390	20.0