LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	9	13	25	rVB	282239	422186	2.89%	0.207%
2	5.384	411	416	435	rBV	304991	630943	4.31%	0.309%
3	6.960	675	684	708	rBV	215673	620060	4.24%	0.304%
4	7.743	810	817	831	rBV	765289	1308921	8.95%	0.641%
5	10.507	1278	1287	1292	rBV	945033	1755604	12.00%	0.859%
6	10.554	1292	1295	1308	rVB	363873	670748	4.59%	0.328%
7	12.160	1559	1568	1584	rBV	735129	1400976	9.58%	0.686%
8	12.384	1594	1606	1616	rBV	1101075	1626729	11.12%	0.796%
9	12.966	1693	1705	1716	rBV	576235	953187	6.52%	0.467%
10	13.513	1791	1798	1799	rBV2	518959	841507	5.75%	0.412%
11	13.672	1817	1825	1830	rVV	1078096	2028533	13.87%	0.993%
12	13.725	1830	1834	1843	rVV	721093	1171752	8.01%	0.574%
13	13.907	1859	1865	1868	rVV	555622	834998	5.71%	0.409%
14	14.078	1885	1894	1908	rBV	1203118	1936678	13.24%	0.948%
15	14.354	1930	1941	1947	rBV2	1486816	2575149	17.60%	1.260%
16	14.425	1947	1953	1960	rVV2	474826	906405	6.20%	0.444%
17	14.572	1971	1978	1986	rBV2	206385	509652	3.48%	0.249%
18	14.760	1999	2010	2017	rVB	691809	1156182	7.90%	0.566%
19	14.831	2017	2022	2027	rVB	608907	776524	5.31%	0.380%
20	14.984	2039	2048	2053	rBV2	510392	1041945	7.12%	0.510%
21	15.036	2053	2057	2061	rVB	391596	473599	3.24%	0.232%
22	15.154	2069	2077	2079	rBV3	321479	760515	5.20%	0.372%
23	15.331	2103	2107	2111	rVV2	243708	458132	3.13%	0.224%
24	15.419	2117	2122	2133	rVV2	1252422	2403982	16.43%	1.177%
25	15.542	2139	2143	2146	rVV3	289906	494520	3.38%	0.242%
26	15.636	2154	2159	2164	rVV3	248362	558897	3.82%	0.274%
27	15.719	2167	2173	2189	rVV3	435927	1286259	8.79%	0.630%
28	15.872	2194	2199	2207	rVV2	715180	1386732	9.48%	0.679%
29	16.107	2234	2239	2249	rVB3	356836	618439	4.23%	0.303%
30	16.442	2288	2296	2300	rBV3	821695	1704086	11.65%	0.834%
31	16.489	2300	2304	2309	rVV	641712	912757	6.24%	0.447%
32	16.589	2316	2321	2327	rVB2	427323	682931	4.67%	0.334%
33	16.683	2332	2337	2341	rVV2	268407	573745	3.92%	0.281%
34	16.719	2341	2343	2351	rVV2	288410	583424	3.99%	0.286%
35	16.801	2353	2357	2364	rVV2	791621	1298981	8.88%	0.636%
36	16.878	2365	2370	2377	rVV5	224927	573580	3.92%	0.281%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.966	2380	2385	2394	rVB	787119	1370036	9.37%	0.671%
38	17.154	2412	2417	2420	rBV	1644682	2441514	16.69%	1.195%
39	17.195	2420	2424	2431	rVV	8937675	12298669	84.07%	6.020%
40	17.289	2435	2440	2445	rVV	1601564	2575996	17.61%	1.261%
41	17.354	2445	2451	2456	rVV2	450357	926590	6.33%	0.454%
42	17.477	2469	2472	2477	rVB2	280363	428277	2.93%	0.210%
43	17.577	2484	2489	2493	rBV2	456376	739794	5.06%	0.362%
44	17.754	2512	2519	2527	rVB2	946505	1836709	12.56%	0.899%
45	17.895	2540	2543	2550	rVB	560832	1107913	7.57%	0.542%
46	17.983	2552	2558	2562	rBV2	343737	583745	3.99%	0.286%
47	18.060	2565	2571	2576	rBV	2973041	4918085	33.62%	2.407%
48	18.113	2576	2580	2586	rVB	3957947	5712350	39.05%	2.796%
49	18.195	2587	2594	2599	rBV	1164506	1798561	12.29%	0.880%
50	18.260	2599	2605	2609	rVV2	2905008	6113329	41.79%	2.992%
51	18.301	2609	2612	2621	rVB	2485319	3630149	24.82%	1.777%
52	18.472	2637	2641	2646	rVB2	384892	559527	3.82%	0.274%
53	18.572	2653	2658	2662	rVV	1398720	1911580	13.07%	0.936%
54	18.624	2662	2667	2677	rVB2	1195764	2214653	15.14%	1.084%
55	18.801	2694	2697	2699	rBV2	386649	511414	3.50%	0.250%
56	18.830	2699	2702	2706	rVV	905692	1310125	8.96%	0.641%
57	18.883	2707	2711	2714	rVV	1105057	1523296	10.41%	0.746%
58	18.924	2714	2718	2722	rVB2	821544	1182749	8.09%	0.579%
59	19.007	2726	2732	2738	rBV	2345373	4319867	29.53%	2.114%
60	19.083	2738	2745	2747	rVV2	1371670	3059995	20.92%	1.498%
61	19.113	2747	2750	2753	rVB	953082	1274543	8.71%	0.624%
62	19.172	2753	2760	2771	rVB4	1140983	3071583	21.00%	1.503%
63	19.283	2774	2779	2786	rVB	7605207	10992821	75.14%	5.381%
64	19.354	2787	2791	2794	rBV	652544	805911	5.51%	0.394%
65	19.389	2794	2797	2801	rVB	822012	1088760	7.44%	0.533%
66	19.448	2802	2807	2811	rBV	518623	794525	5.43%	0.389%
67	19.542	2819	2823	2826	rBV3	462588	667987	4.57%	0.327%
68	19.666	2834	2844	2852	rVB	9011807	14628846	100.00%	7.160%
69	19.742	2852	2857	2862	rVB	1133733	1728250	11.81%	0.846%
70	19.877	2877	2880	2883	rVV	742108	853643	5.84%	0.418%
71	19.913	2884	2886	2892	rVB2	695496	928831	6.35%	0.455%
72	20.007	2896	2902	2911	rBV5	1360055	3718464	25.42%	1.820%
73	20.089	2913	2916	2920	rVB2	379885	496320	3.39%	0.243%
74	20.142	2920	2925	2927	rBV4	1083887	1702163	11.64%	0.833%
75	20.177	2928	2931	2936	rVB	2053580	2692181	18.40%	1.318%
76	20.254	2939	2944	2946	rBV5	304947	499121	3.41%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.289	2946	2950	2954	rVB	761717	1030638	7.05%	0.504%
78	20.348	2955	2960	2965	rBV2	1983666	2973811	20.33%	1.456%
79	20.436	2971	2975	2979	rBV4	257564	496340	3.39%	0.243%
80	20.489	2980	2984	2988	rBV	1843260	2075864	14.19%	1.016%
81	20.536	2988	2992	2997	rVB	1935602	2516597	17.20%	1.232%
82	20.577	2997	2999	3007	rVB5	227495	456575	3.12%	0.223%
83	20.666	3011	3014	3019	rVB3	303976	467274	3.19%	0.229%
84	20.760	3026	3030	3032	rBV4	372152	540503	3.69%	0.265%
85	20.795	3033	3036	3039	rBV3	373155	502833	3.44%	0.246%
86	20.977	3063	3067	3074	rVB	1386763	2289367	15.65%	1.121%
87	21.160	3090	3098	3102	rBV4	1003742	2385931	16.31%	1.168%
88	21.201	3102	3105	3109	rVV2	747418	997385	6.82%	0.488%
89	21.248	3110	3113	3122	rVV3	476532	1239302	8.47%	0.607%
90	21.330	3123	3127	3133	rVB	994449	1580521	10.80%	0.774%
91	21.577	3163	3169	3176	rBV2	3726202	9367170	64.03%	4.585%
92	21.648	3176	3181	3195	rVB	3316118	6863764	46.92%	3.360%
93	21.801	3204	3207	3215	rBV3	220105	478547	3.27%	0.234%
94	22.354	3297	3301	3307	rVB	1255348	2288739	15.65%	1.120%
95	22.424	3309	3313	3323	rVB	768978	1477101	10.10%	0.723%
96	22.642	3345	3350	3355	rBV	859670	1609124	11.00%	0.788%
97	23.889	3554	3562	3570	rBV	1759318	5691925	38.91%	2.786%
98	24.630	3682	3688	3703	rVB	1304971	3332191	22.78%	1.631%
99	24.777	3706	3713	3725	rVB	1869980	4520286	30.90%	2.213%
100	24.948	3735	3742	3748	rVB	834971	2162231	14.78%	1.058%

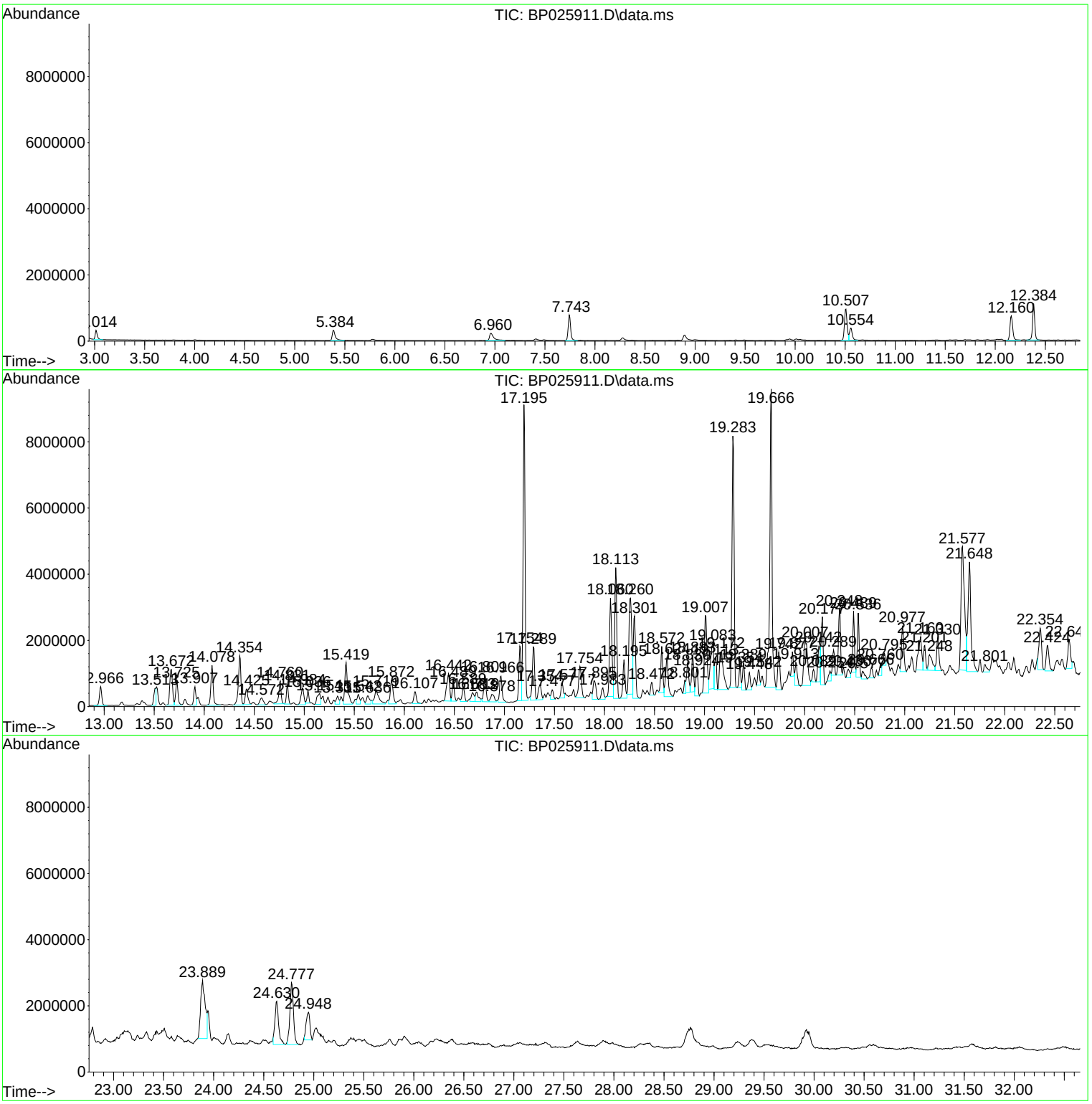
Sum of corrected areas: 204302149

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

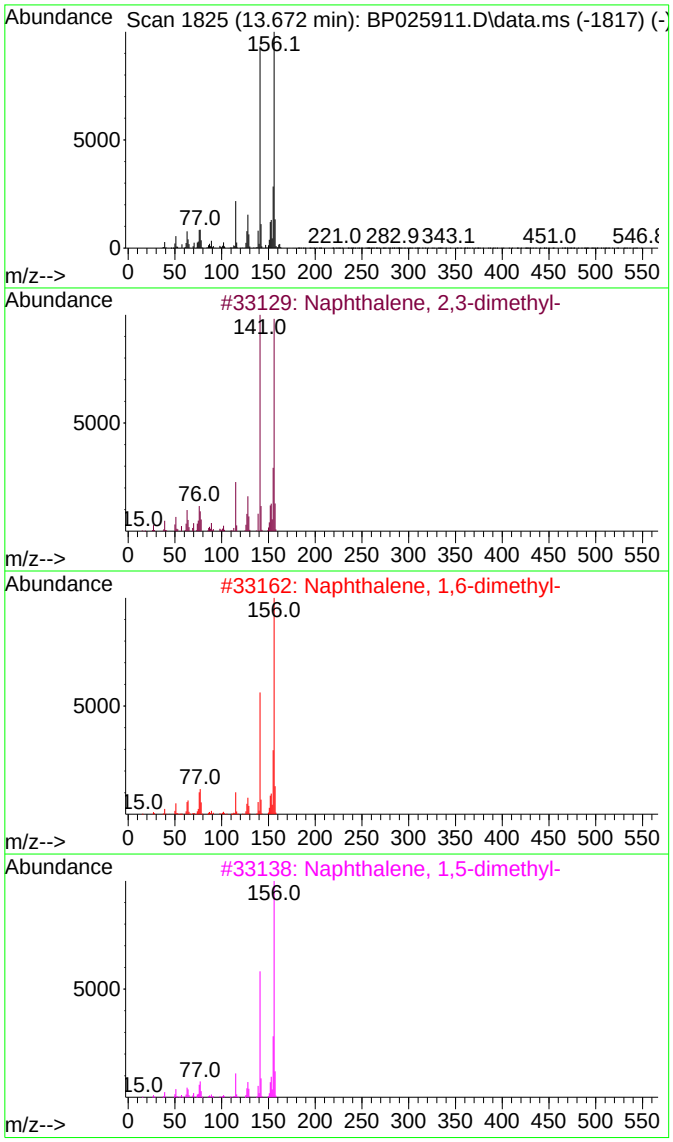
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

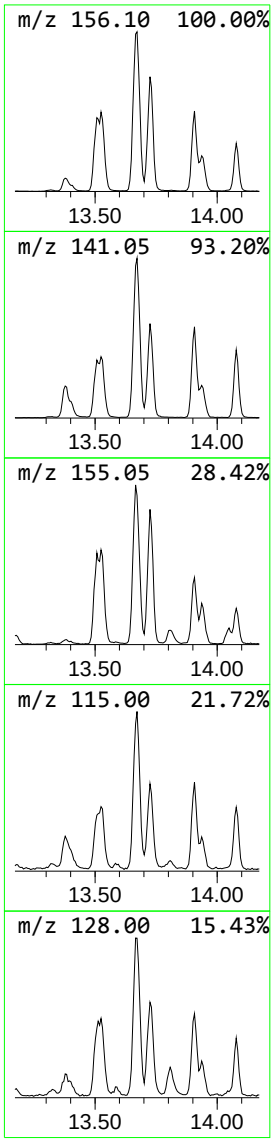
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	15.75 ng	2028530	Acenaphthene-d10	14.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

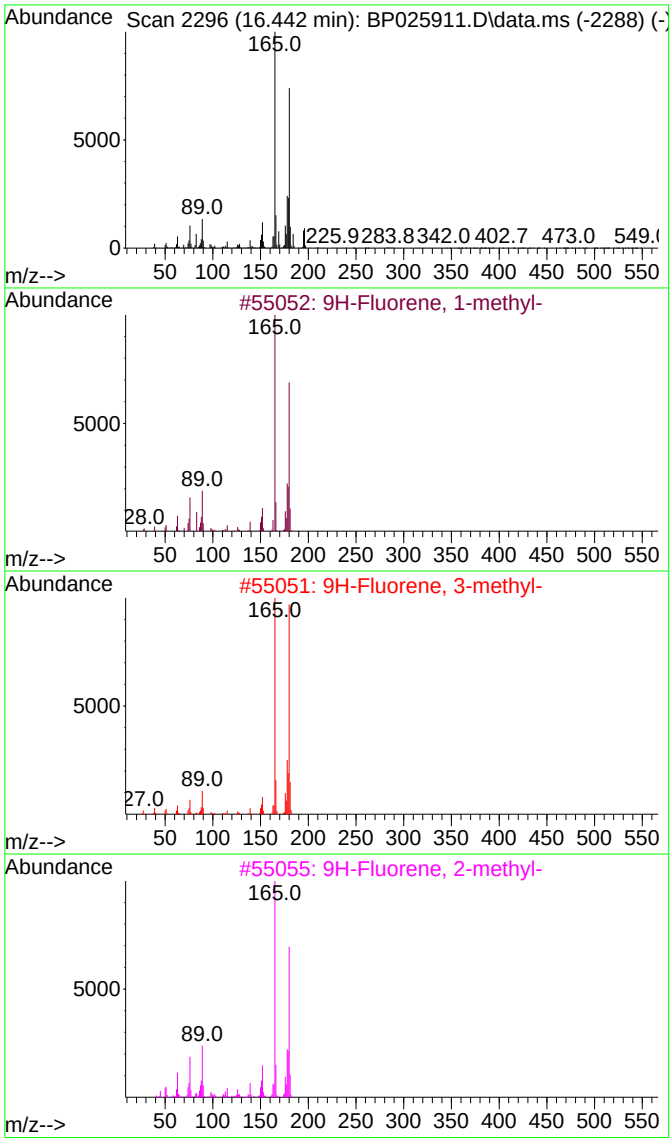
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

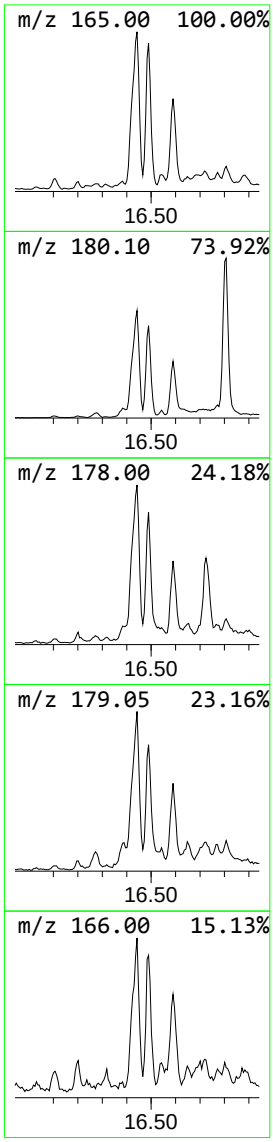
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.442	13.96 ng	1704090	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

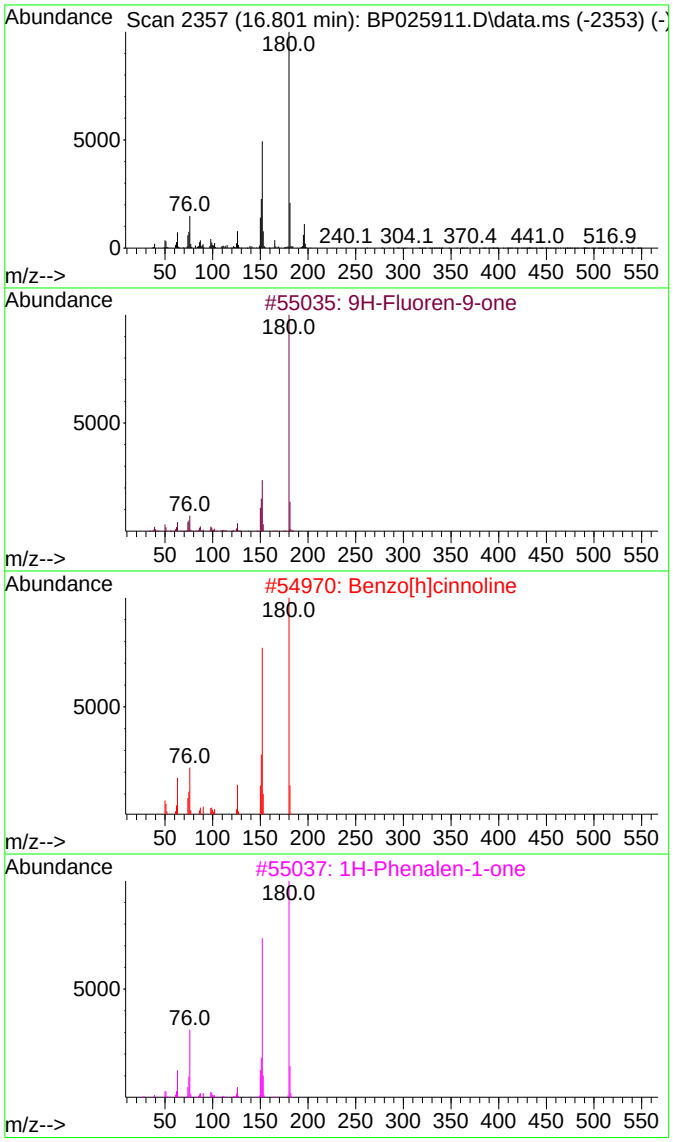
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

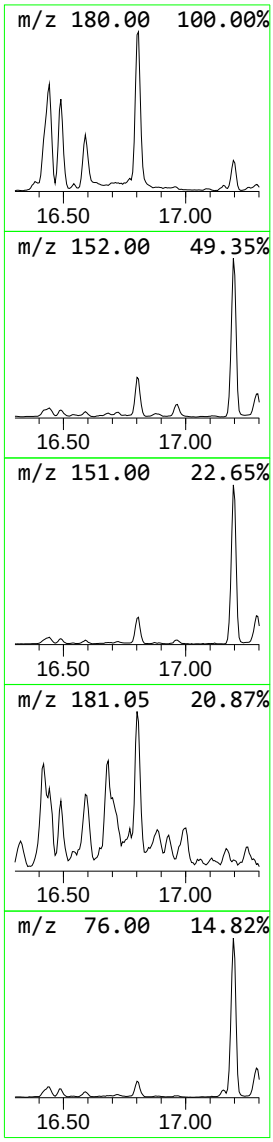
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.801	10.64 ng	1298980	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
4	1,3-Diazaphenanthrene	180	C12H8N2	000229-75-4	43
5	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

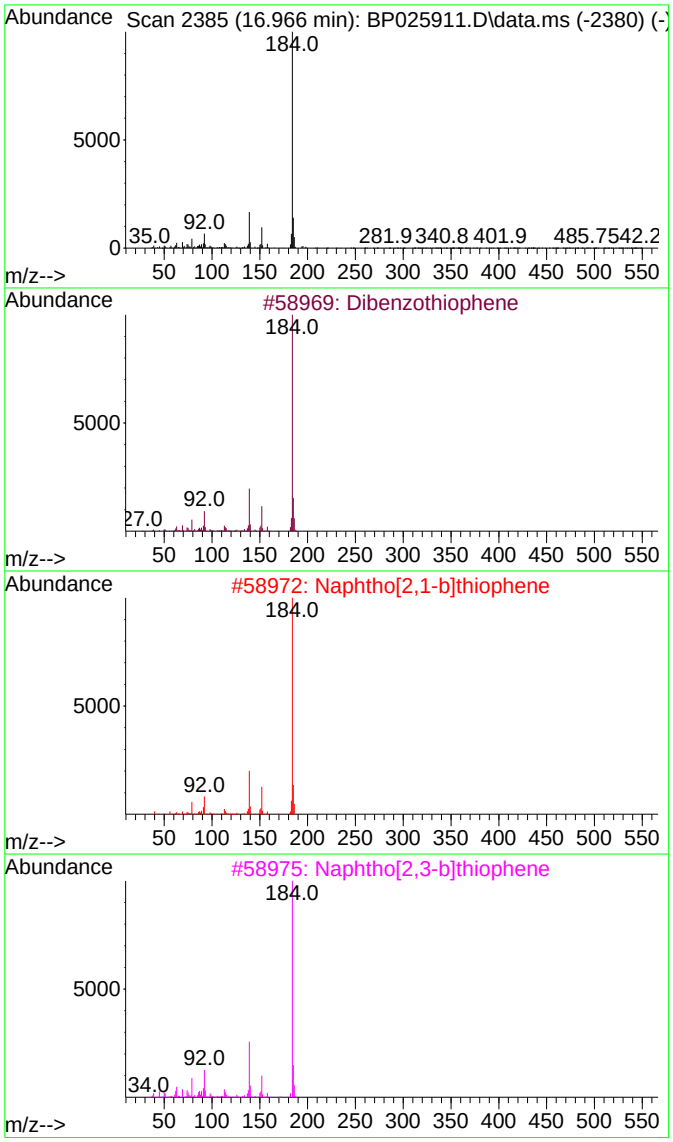
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

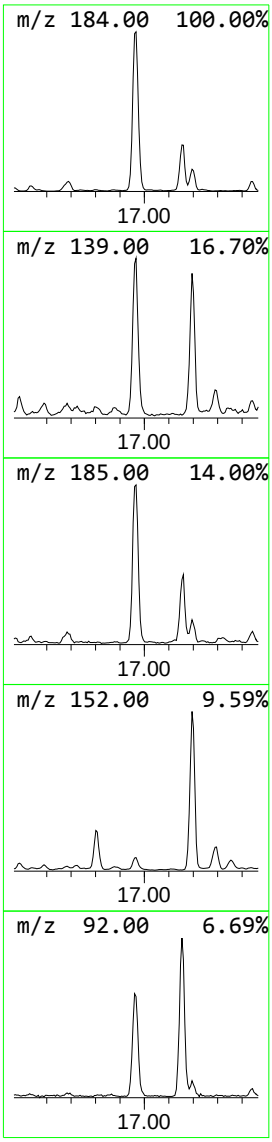
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	11.22 ng	1370040	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025911.D
Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

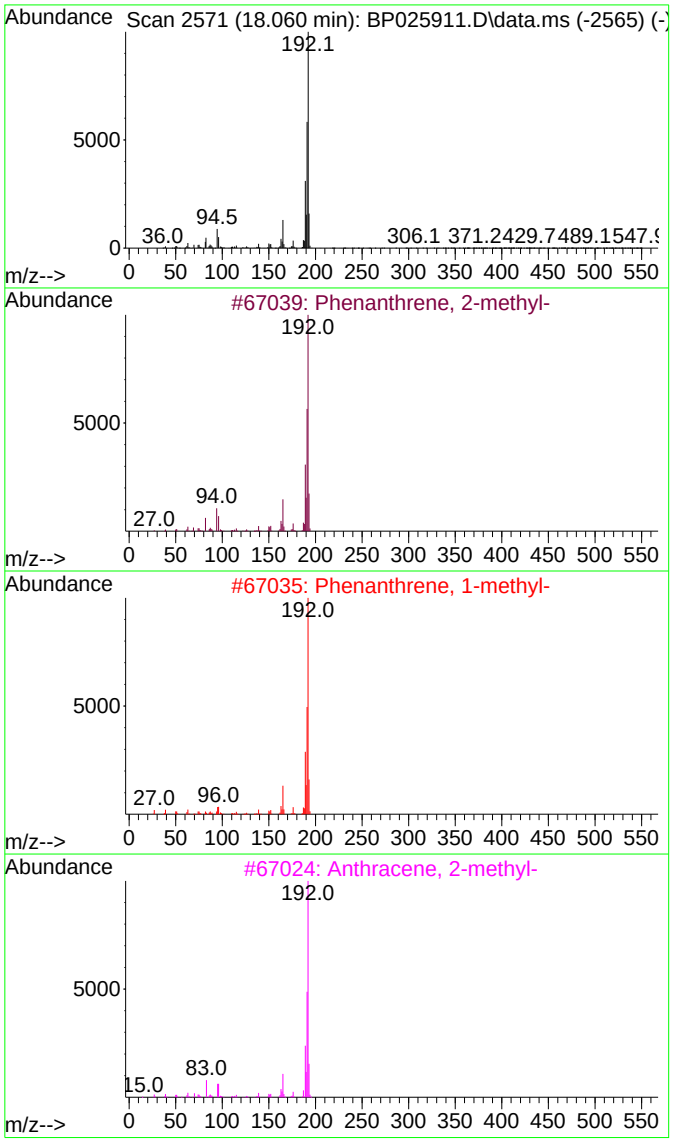
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

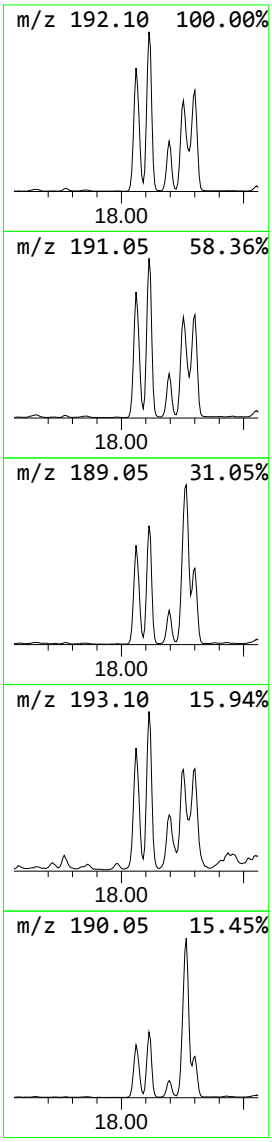
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	40.29 ng	4918090	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 01 Oct 2025 21:58
Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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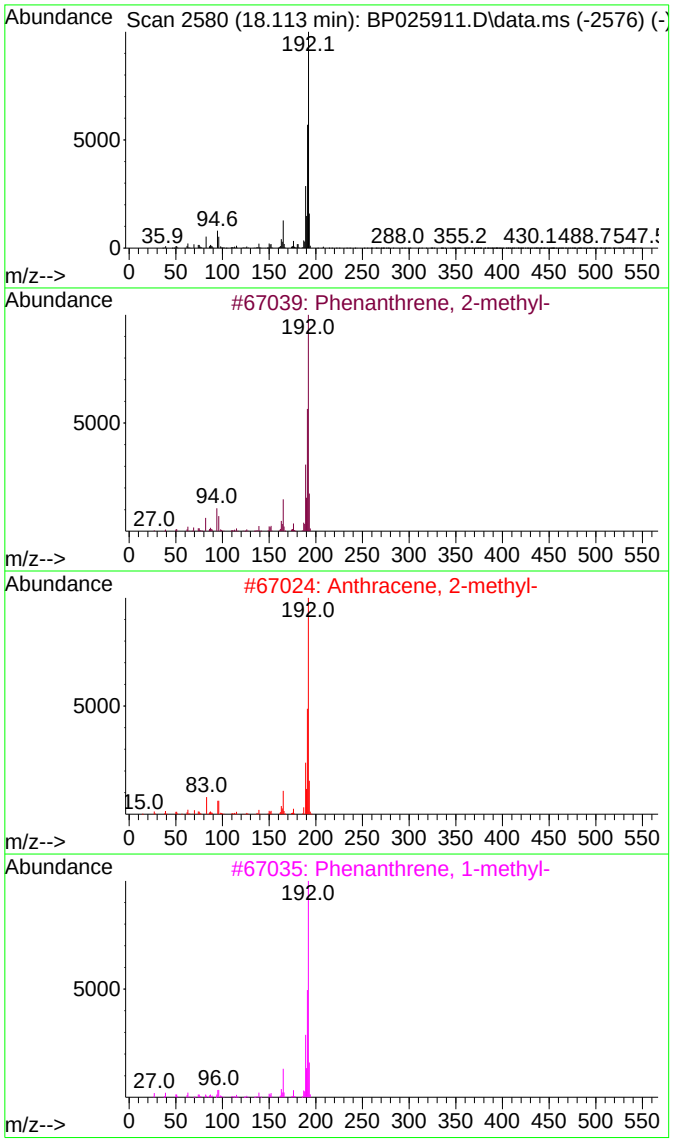
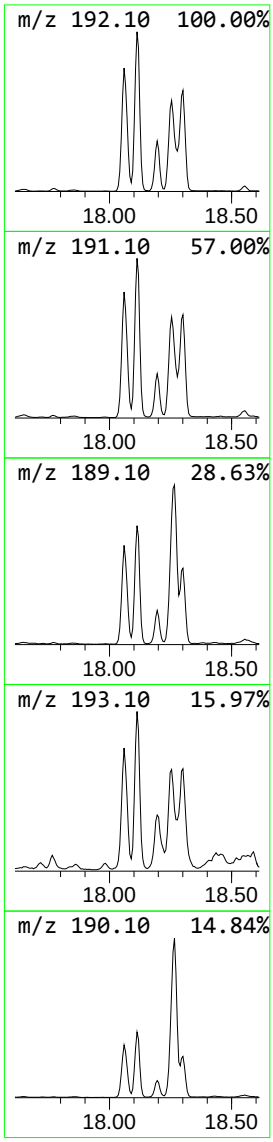
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	46.79 ng	5712350	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

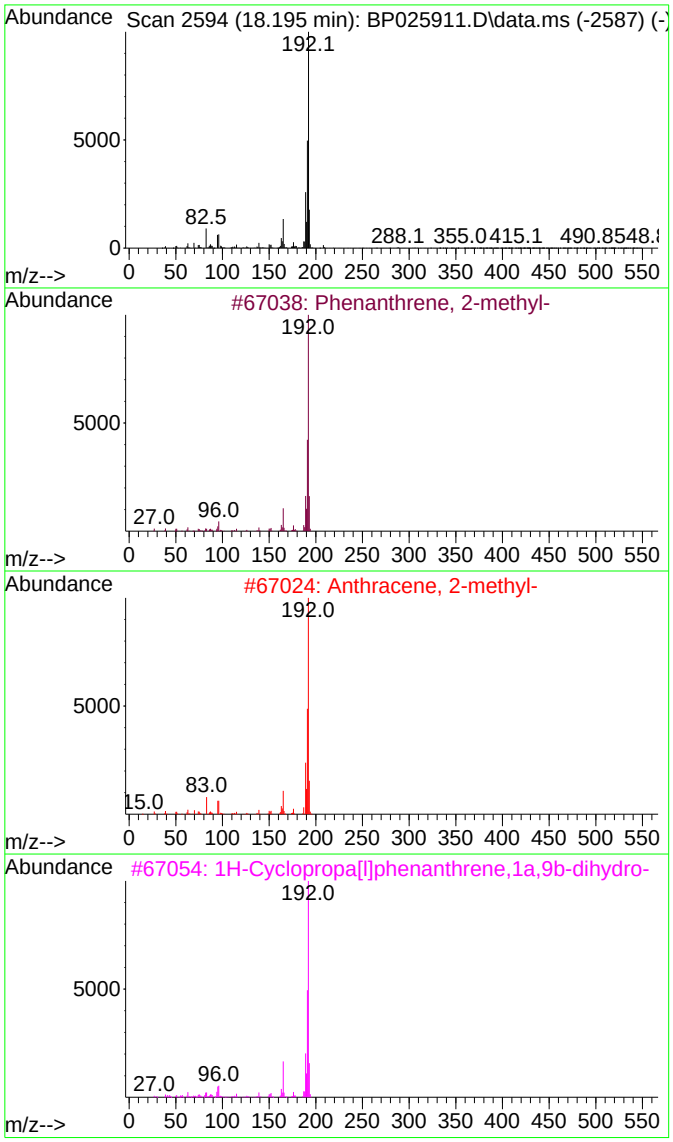
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

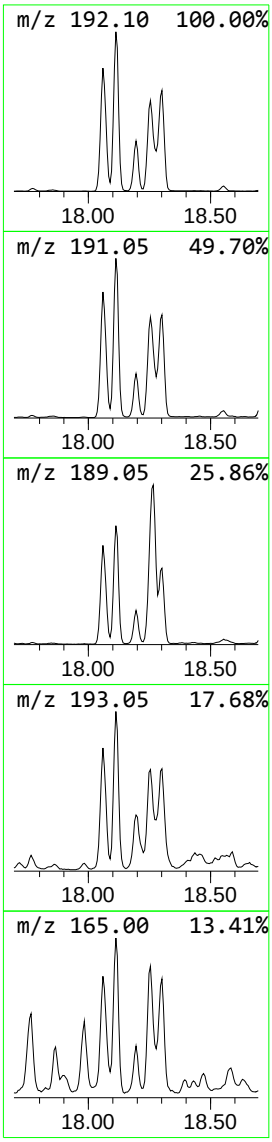
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	14.73 ng	1798560	Phenanthrene-d10	17.154

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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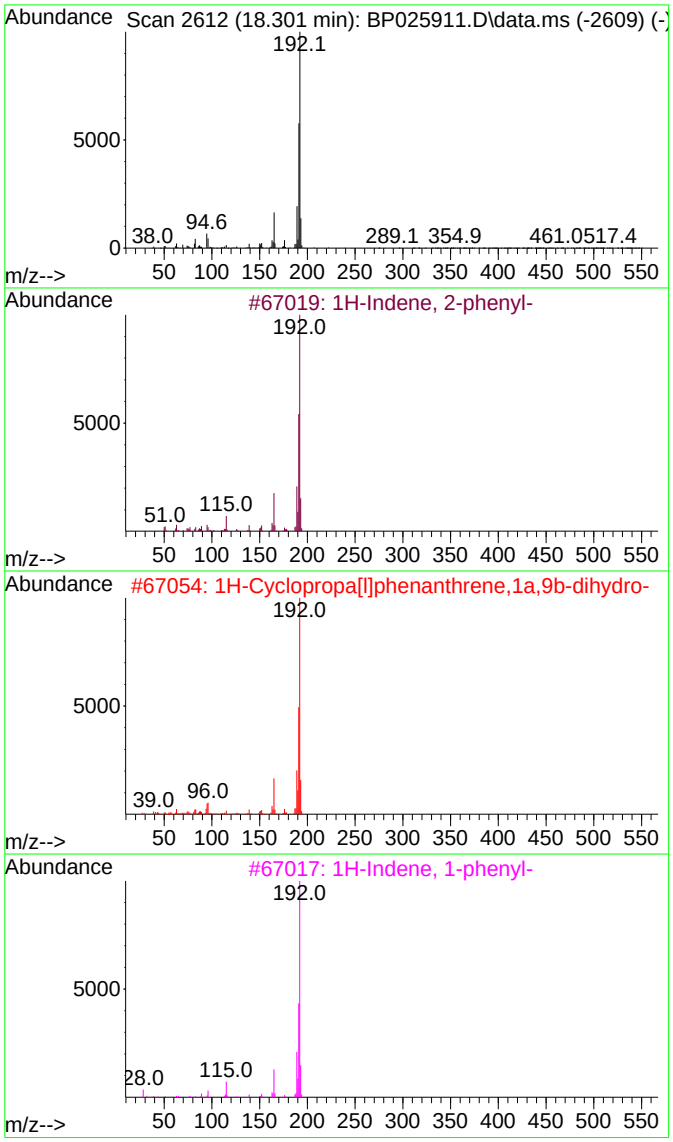
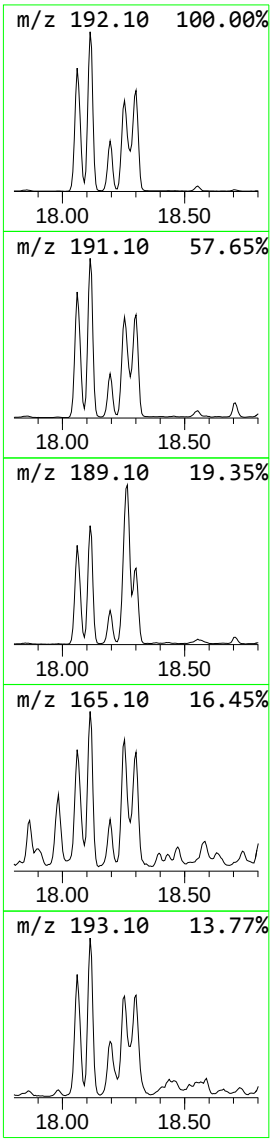
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	29.74 ng	3630150	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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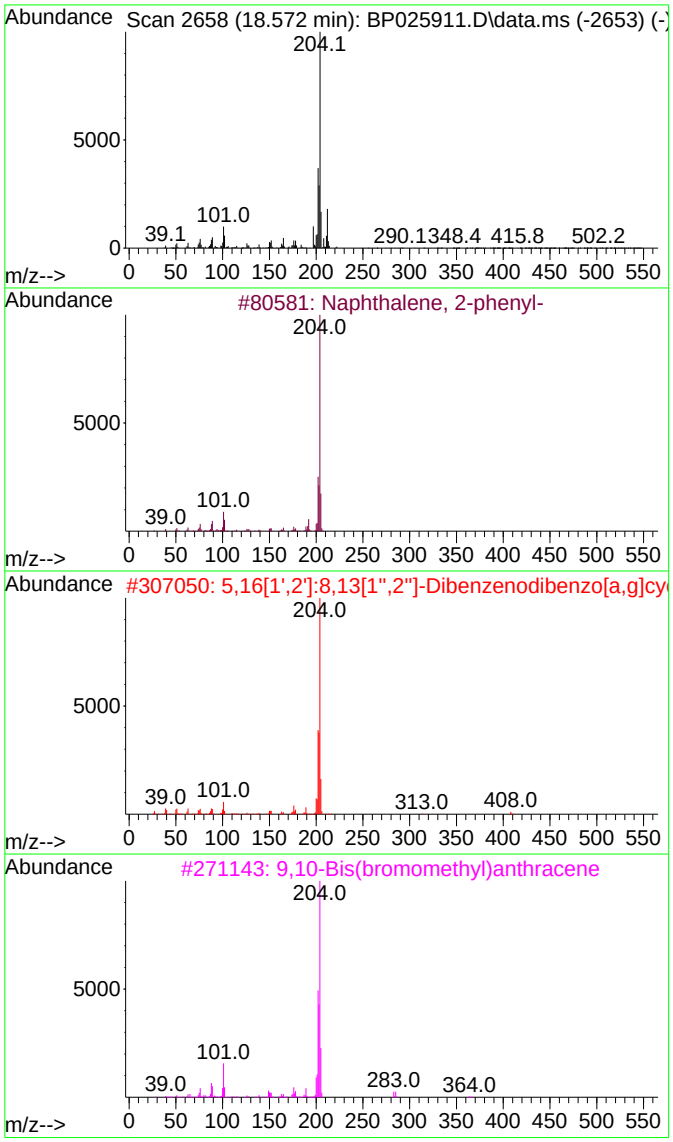
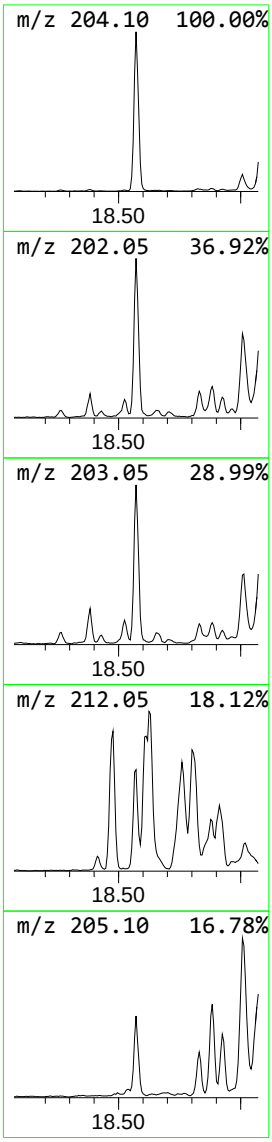
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.572	15.66 ng	1911580	Phenanthrene-d10	17.154

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	72
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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ALS Vial : 12 Sample Multiplier: 1

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SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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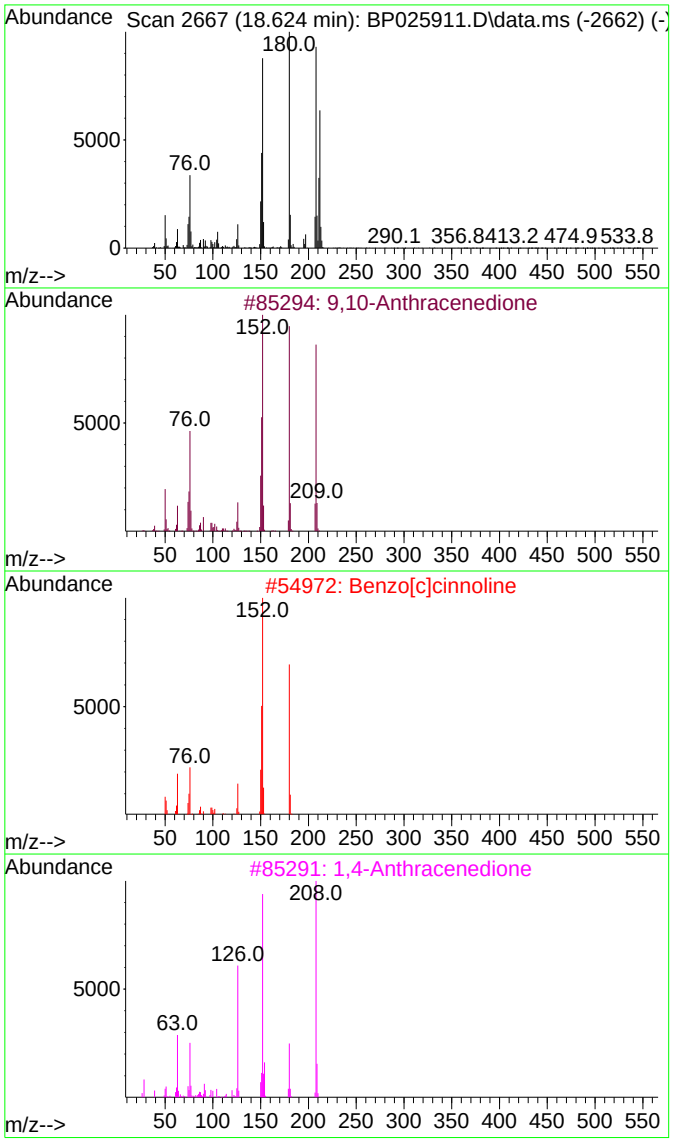
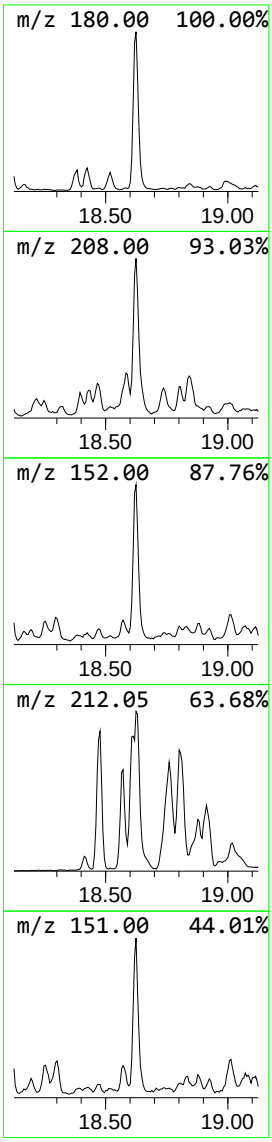
Peak Number 13 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	18.14 ng	2214650	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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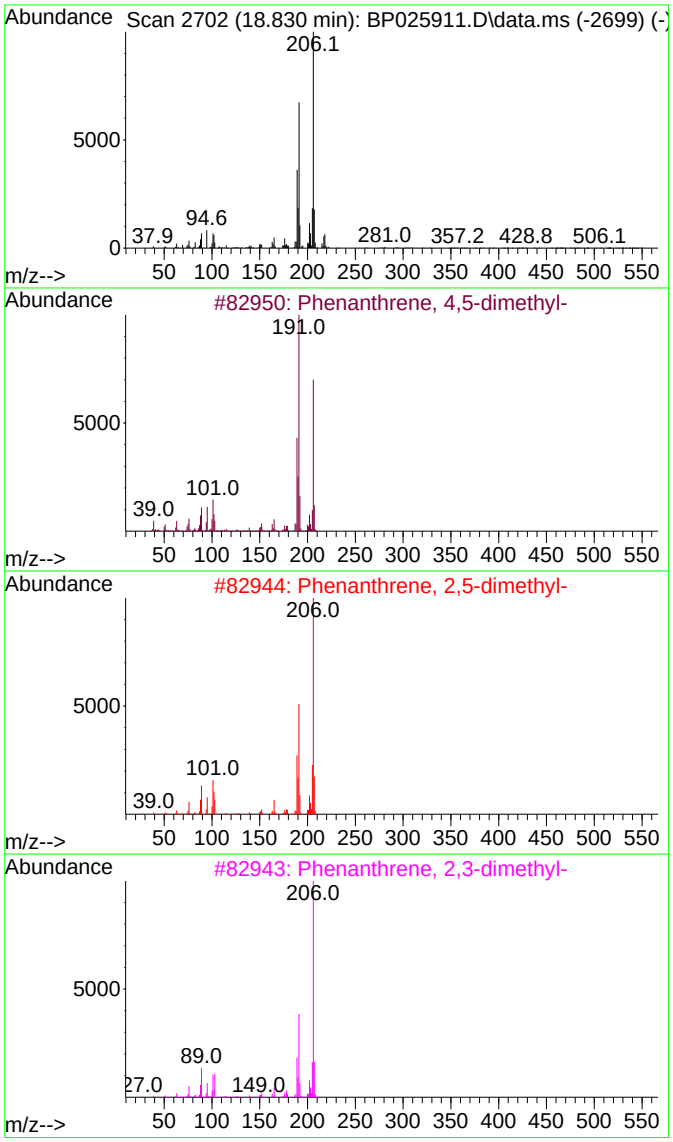
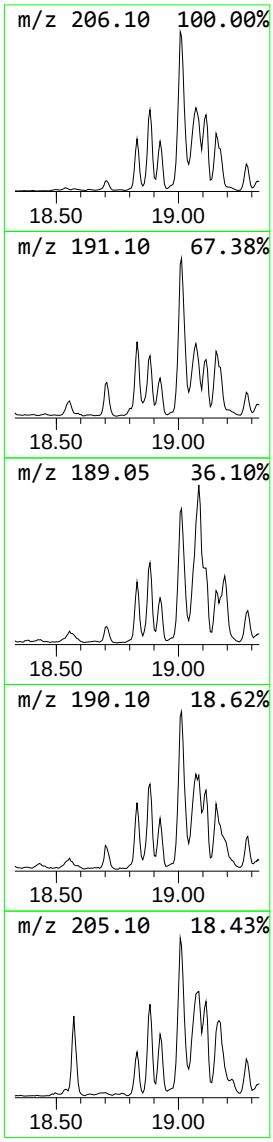
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.830	10.73 ng	1310130	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80





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Misc :
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Instrument :
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ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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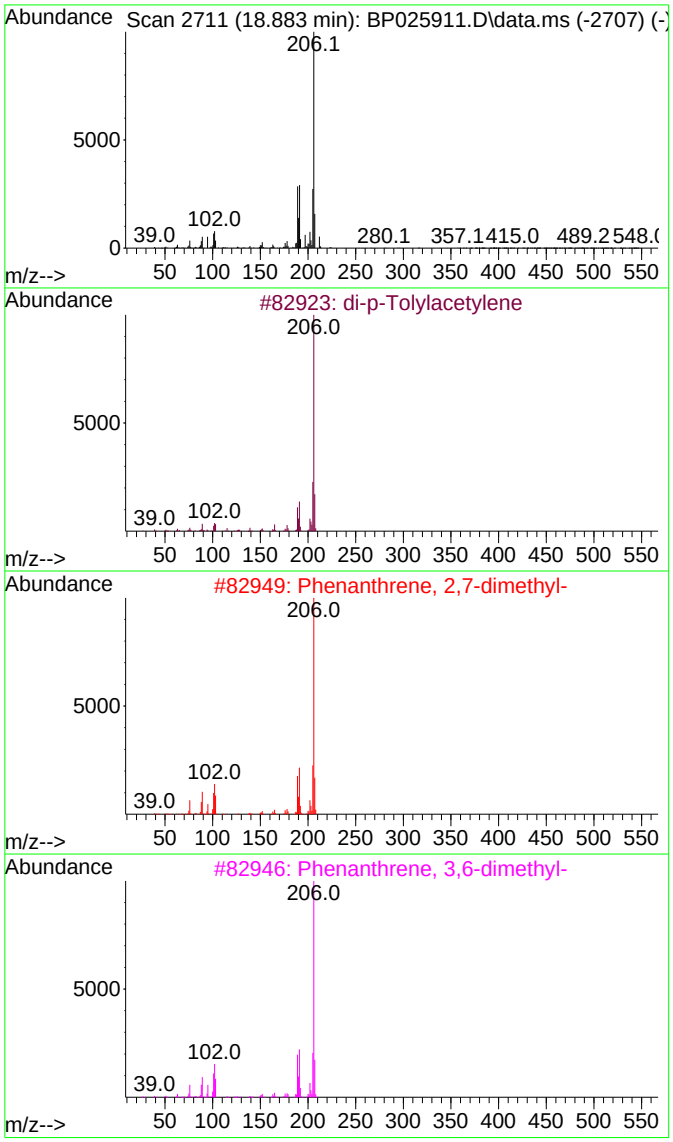
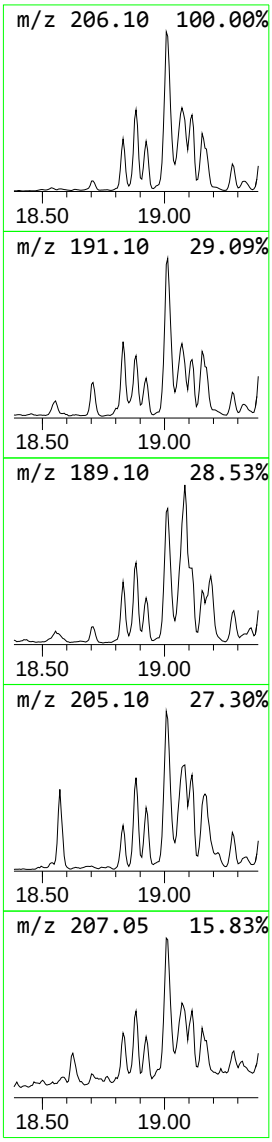
Peak Number 15 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.883	12.48 ng	1523300	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





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Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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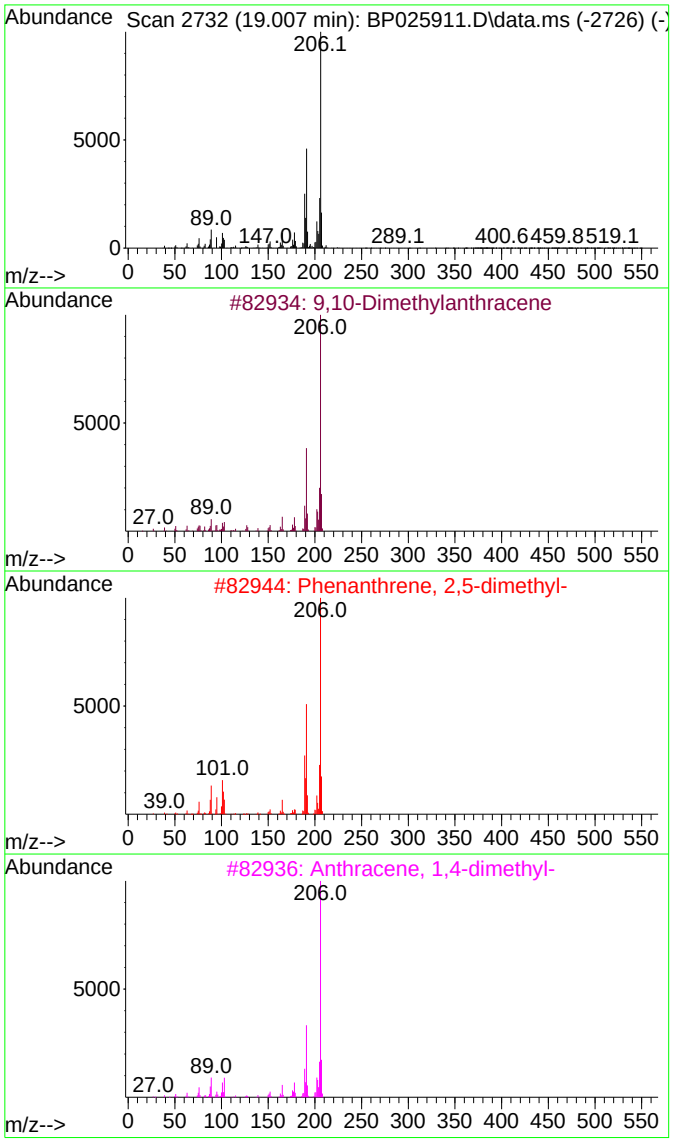
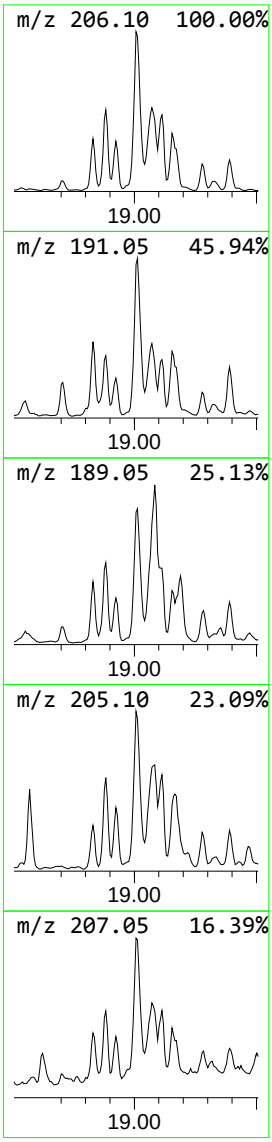
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.007	35.39 ng	4319870	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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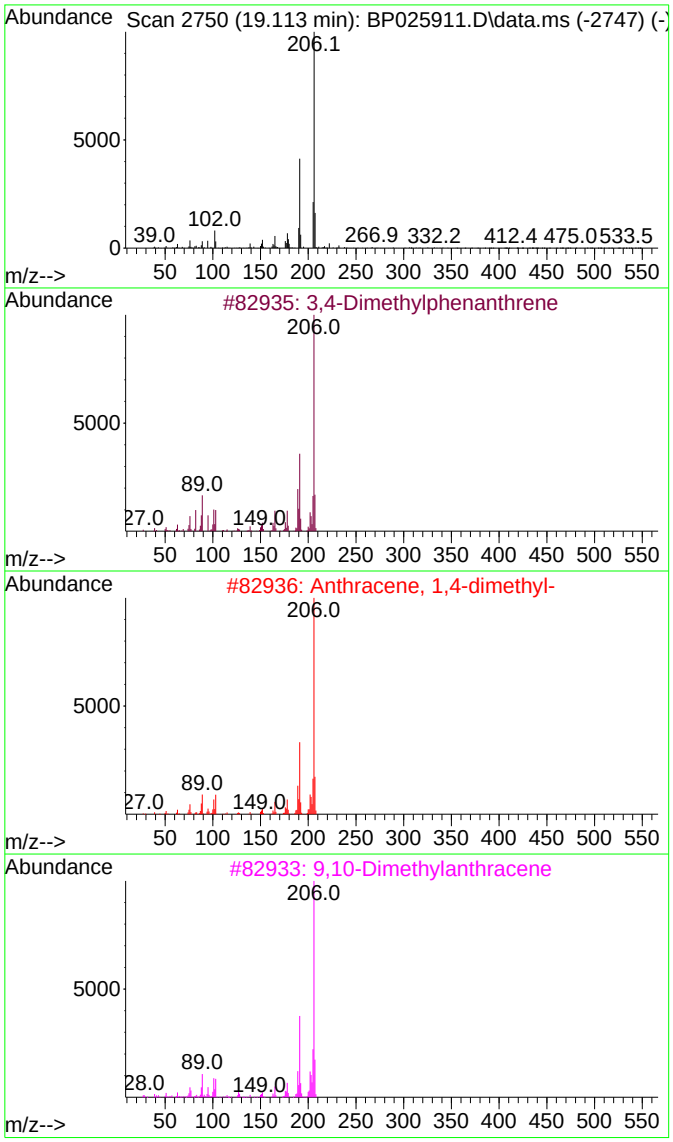
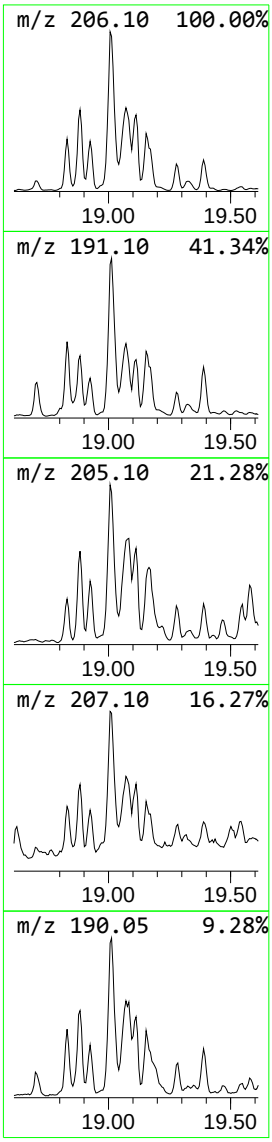
Peak Number 18 3,4-Dimethylphenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.113	10.44 ng	1274540	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
SOIL-PILE-2-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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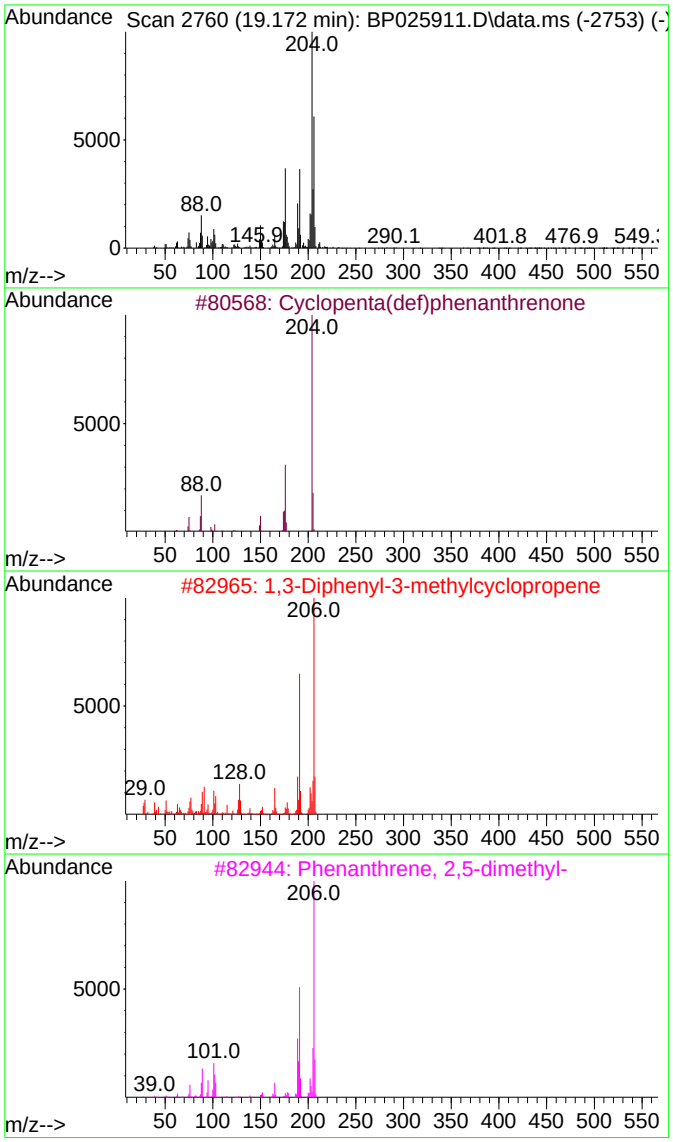
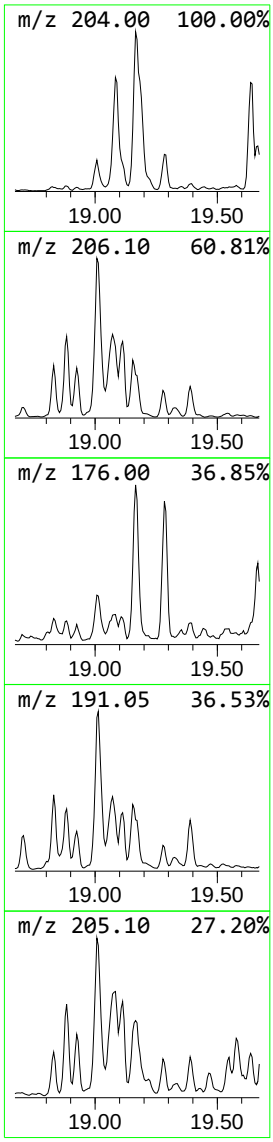
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.172	25.16 ng	3071580	Phenanthrene-d10	17.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	80
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	66
4	2,4-Dichloro-5-ethyl-3-methylphe...	290	C13H16Cl2O3	1000487-27-7	58
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	56





Tentatively Identified Compound (LSC) summary

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Data File : BP025911.D
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Operator : CG/JU
Sample : Q3256-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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,...	13.672	15.8	ng	2028530	3	14.354	2575150	20.0
9H-Fluorene, 1-...	16.442	14.0	ng	1704090	4	17.154	2441510	20.0
9H-Fluoren-9-one	16.801	10.6	ng	1298980	4	17.154	2441510	20.0
Dibenzothiophene	16.966	11.2	ng	1370040	4	17.154	2441510	20.0
Phenanthrene, 2...	18.060	40.3	ng	4918090	4	17.154	2441510	20.0
Anthracene, 2-m...	18.113	46.8	ng	5712350	4	17.154	2441510	20.0
1H-Cyclopropa[l...	18.195	14.7	ng	1798560	4	17.154	2441510	20.0
1H-Indene, 2-ph...	18.301	29.7	ng	3630150	4	17.154	2441510	20.0
Naphthalene, 2-...	18.572	15.7	ng	1911580	4	17.154	2441510	20.0
9,10-Anthracene...	18.625	18.1	ng	2214650	4	17.154	2441510	20.0
Phenanthrene, 4...	18.830	10.7	ng	1310130	4	17.154	2441510	20.0
di-p-Tolylacety...	18.883	12.5	ng	1523300	4	17.154	2441510	20.0
9,10-Dimethylan...	19.007	35.4	ng	4319870	4	17.154	2441510	20.0
3,4-Dimethylphe...	19.113	10.4	ng	1274540	4	17.154	2441510	20.0
Cyclopenta(def)...	19.172	25.2	ng	3071580	4	17.154	2441510	20.0