LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-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\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.008	8	12	24	rVB	1300625	1676453	28.96%	2.369%
2	4.914	330	336	344	rBV2	34649	60265	1.04%	0.085%
3	5.384	409	416	433	rBV	2539006	4022600	69.50%	5.685%
4	5.772	476	482	501	rBV2	41428	129580	2.24%	0.183%
5	6.949	671	682	699	rBV	2058375	3994745	69.02%	5.646%
6	7.413	755	761	768	rBV3	34286	77164	1.33%	0.109%
7	7.749	808	818	828	rBV	867092	1411756	24.39%	1.995%
8	8.278	903	908	918	rBV2	35698	80620	1.39%	0.114%
9	8.896	1005	1013	1027	rBV	1414870	2602915	44.97%	3.679%
10	9.949	1182	1192	1197	rBV10	17623	60112	1.04%	0.085%
11	10.519	1277	1289	1294	rBV	1065738	1880900	32.50%	2.658%
12	10.566	1294	1297	1304	rVB2	88651	152770	2.64%	0.216%
13	12.178	1564	1571	1580	rVB	42940	80082	1.38%	0.113%
14	12.396	1602	1608	1618	rVB	64200	118287	2.04%	0.167%
15	12.978	1699	1707	1718	rBV	3516241	5575726	96.33%	7.880%
16	13.537	1795	1802	1809	rBV4	35562	88363	1.53%	0.125%
17	13.684	1821	1827	1832	rBV	94964	165005	2.85%	0.233%
18	13.737	1832	1836	1840	rVB	39335	60612	1.05%	0.086%
19	13.819	1846	1850	1859	rVB2	49313	114690	1.98%	0.162%
20	14.090	1890	1896	1910	rVB	208831	392256	6.78%	0.554%
21	14.366	1932	1943	1950	rVV	1468175	2366065	40.88%	3.344%
22	14.431	1950	1954	1961	rVB	90122	151300	2.61%	0.214%
23	14.590	1976	1981	1987	rVB5	35507	74614	1.29%	0.105%
24	14.766	2007	2011	2016	rBV2	55789	87347	1.51%	0.123%
25	14.848	2021	2025	2029	rVB2	53453	76269	1.32%	0.108%
26	14.990	2043	2049	2053	rBV2	58172	108134	1.87%	0.153%
27	15.166	2071	2079	2082	rBV6	41217	101126	1.75%	0.143%
28	15.425	2118	2123	2136	rVB2	126557	278046	4.80%	0.393%
29	15.642	2156	2160	2164	rBV6	43801	69078	1.19%	0.098%
30	15.742	2171	2177	2190	rVB	424576	732537	12.66%	1.035%
31	15.878	2193	2200	2213	rBV	2339557	4028461	69.60%	5.693%
32	16.113	2234	2240	2248	rVB4	79894	182797	3.16%	0.258%
33	16.448	2290	2297	2301	rBV3	63720	145174	2.51%	0.205%
34	16.495	2302	2305	2311	rVB2	63168	94527	1.63%	0.134%
35	16.601	2320	2323	2329	rVB	49548	70586	1.22%	0.100%
36	16.813	2356	2359	2366	rVB2	63410	94887	1.64%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-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\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.972	2382	2386	2394	rVB	132207	205634	3.55%	0.291%
38	17.160	2412	2418	2421	rBV	1655925	2364347	40.85%	3.341%
39	17.201	2421	2425	2432	rVB	1273487	2012403	34.77%	2.844%
40	17.295	2437	2441	2447	rVB	347229	504541	8.72%	0.713%
41	17.584	2487	2490	2496	rVB	72456	96913	1.67%	0.137%
42	17.754	2515	2519	2527	rBV2	161331	253809	4.39%	0.359%
43	17.907	2541	2545	2550	rVB2	93157	168480	2.91%	0.238%
44	18.060	2566	2571	2572	rBV	357080	433425	7.49%	0.613%
45	18.089	2572	2576	2588	rVV2	1653586	3009616	52.00%	4.253%
46	18.195	2591	2594	2598	rVV	151815	221154	3.82%	0.313%
47	18.260	2599	2605	2609	rVV2	483252	995837	17.21%	1.407%
48	18.301	2609	2612	2620	rVB	287458	468906	8.10%	0.663%
49	18.472	2638	2641	2645	rBV	65363	92924	1.61%	0.131%
50	18.578	2655	2659	2663	rBV2	176555	272323	4.70%	0.385%
51	18.636	2665	2669	2676	rVB2	168644	280923	4.85%	0.397%
52	18.889	2709	2712	2716	rBV	94883	130198	2.25%	0.184%
53	18.931	2716	2719	2724	rBV3	69010	126873	2.19%	0.179%
54	19.019	2729	2734	2737	rBV	401096	607494	10.50%	0.859%
55	19.160	2753	2758	2765	rBV4	242393	589878	10.19%	0.834%
56	19.283	2774	2779	2784	rBV	2386582	3596550	62.14%	5.083%
57	19.413	2798	2801	2805	rBV	619784	764734	13.21%	1.081%
58	19.666	2835	2844	2848	rBV	2680097	4503895	77.81%	6.365%
59	19.878	2875	2880	2885	rBV	4222642	5788021	100.00%	8.180%
60	19.960	2892	2894	2896	rBV2	114683	87178	1.51%	0.123%
61	20.289	2948	2950	2953	rVB	248456	229295	3.96%	0.324%
62	20.354	2958	2961	2966	rVB	319316	504383	8.71%	0.713%
63	20.489	2981	2984	2989	rBV2	294329	423597	7.32%	0.599%
64	20.666	3012	3014	3017	rBV3	209667	307038	5.30%	0.434%
65	21.260	3111	3115	3121	rVB3	614622	1095731	18.93%	1.549%
66	21.607	3166	3174	3179	rBV2	1976877	4770233	82.42%	6.741%
67	21.654	3179	3182	3190	rVB	1035575	1748923	30.22%	2.472%
68	23.901	3560	3564	3574	rBV	500478	1439418	24.87%	2.034%
69	24.971	3741	3746	3747	rBV	964763	1259049	21.75%	1.779%

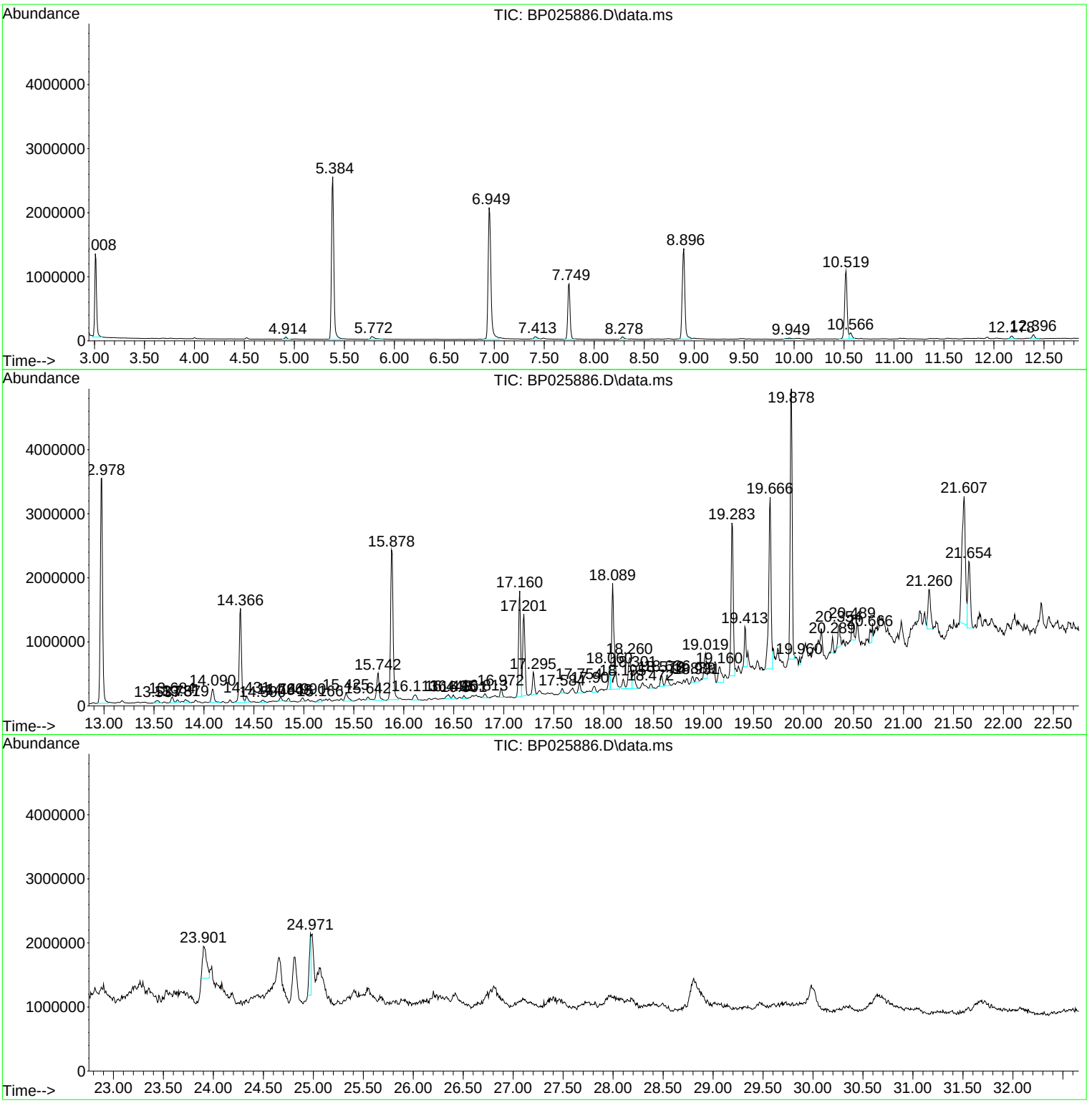
Sum of corrected areas: 70759572

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

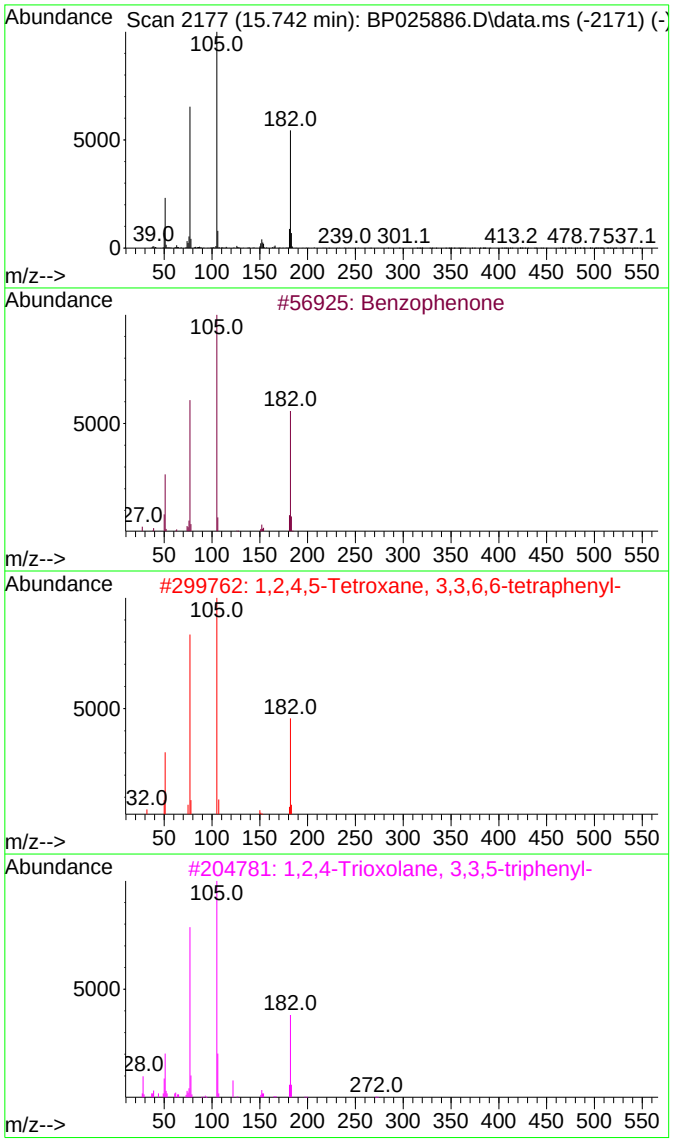
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

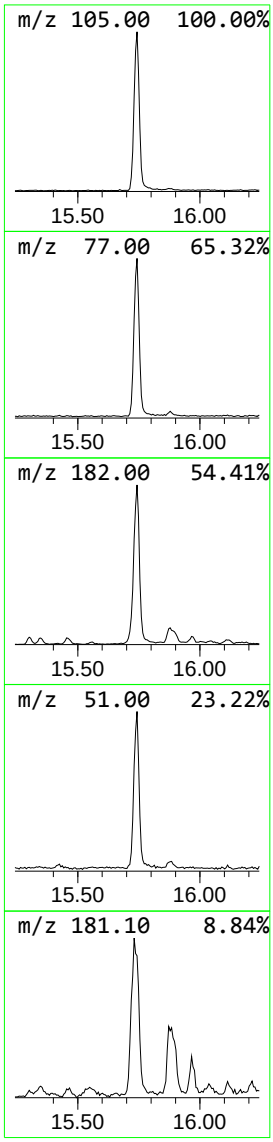
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.743	6.19 ng	732537	Acenaphthene-d10	14.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

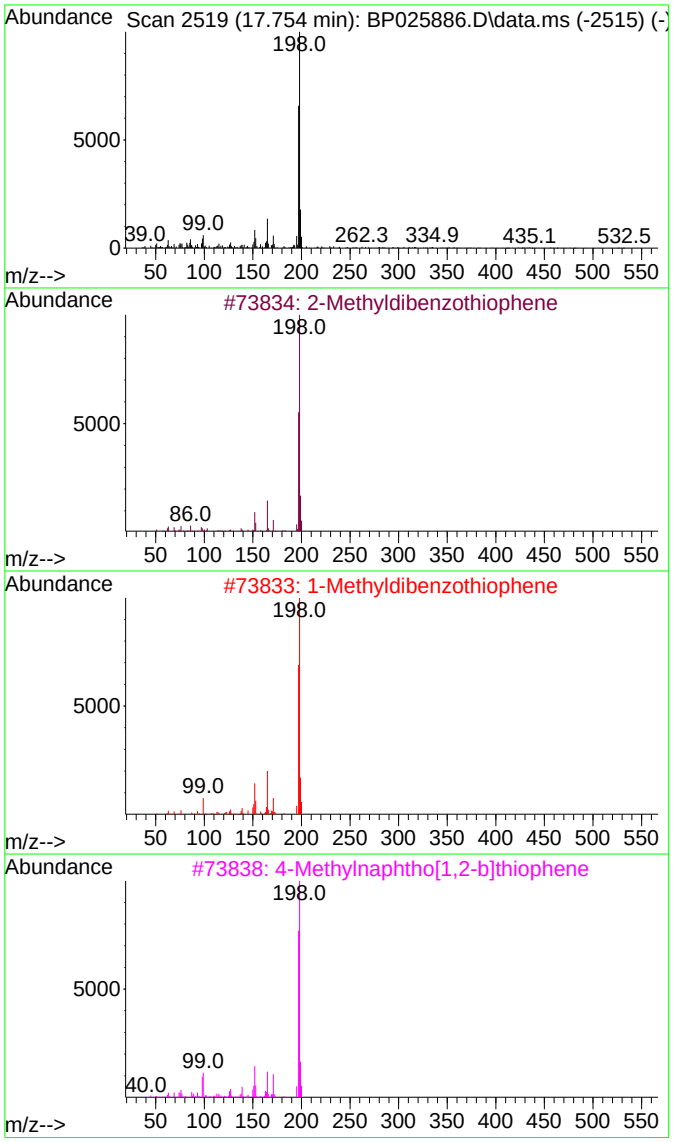
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

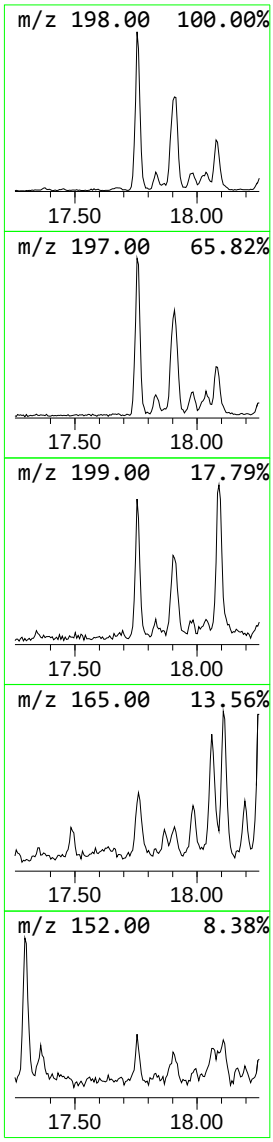
****

Peak Number 4 2-Methyldibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.754	2.15 ng	253809	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	97
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

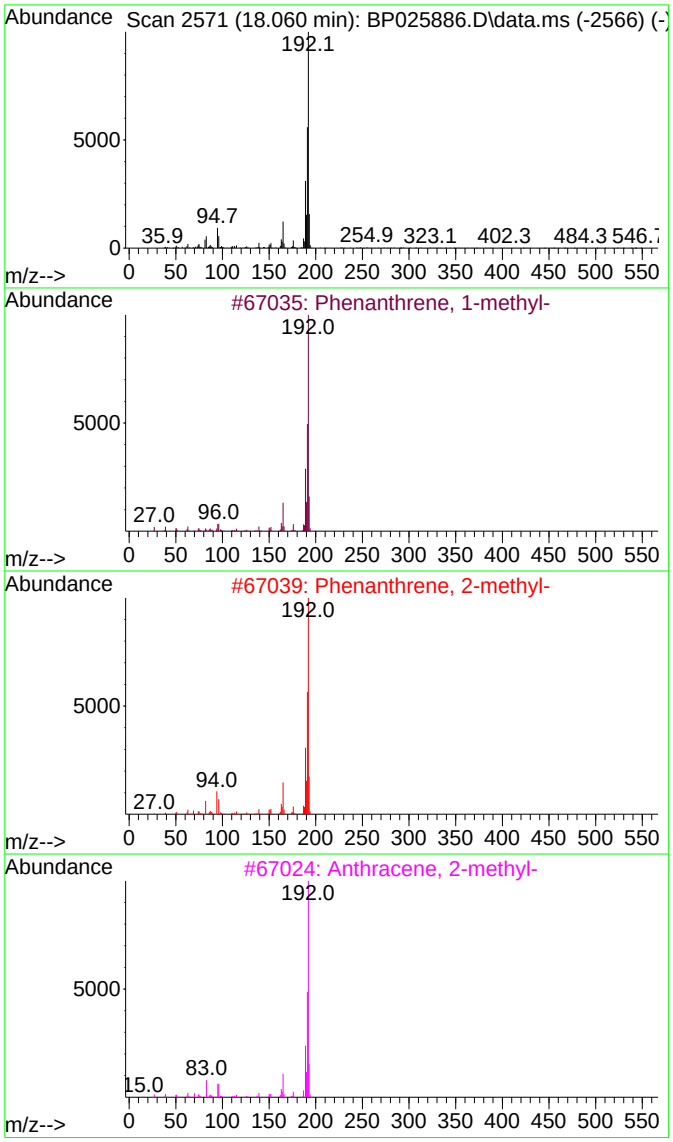
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

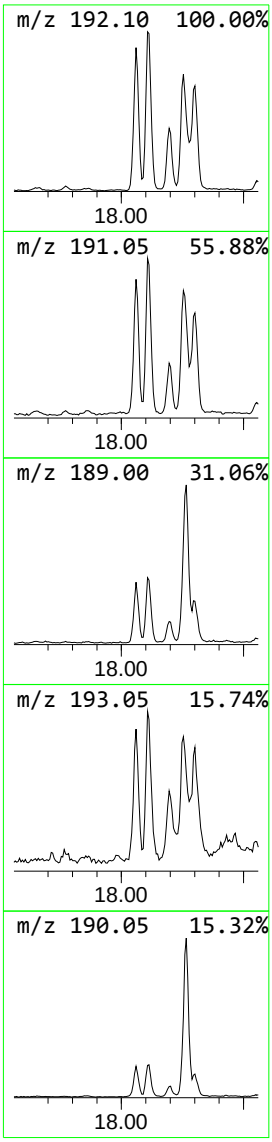
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	3.67 ng	433425	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

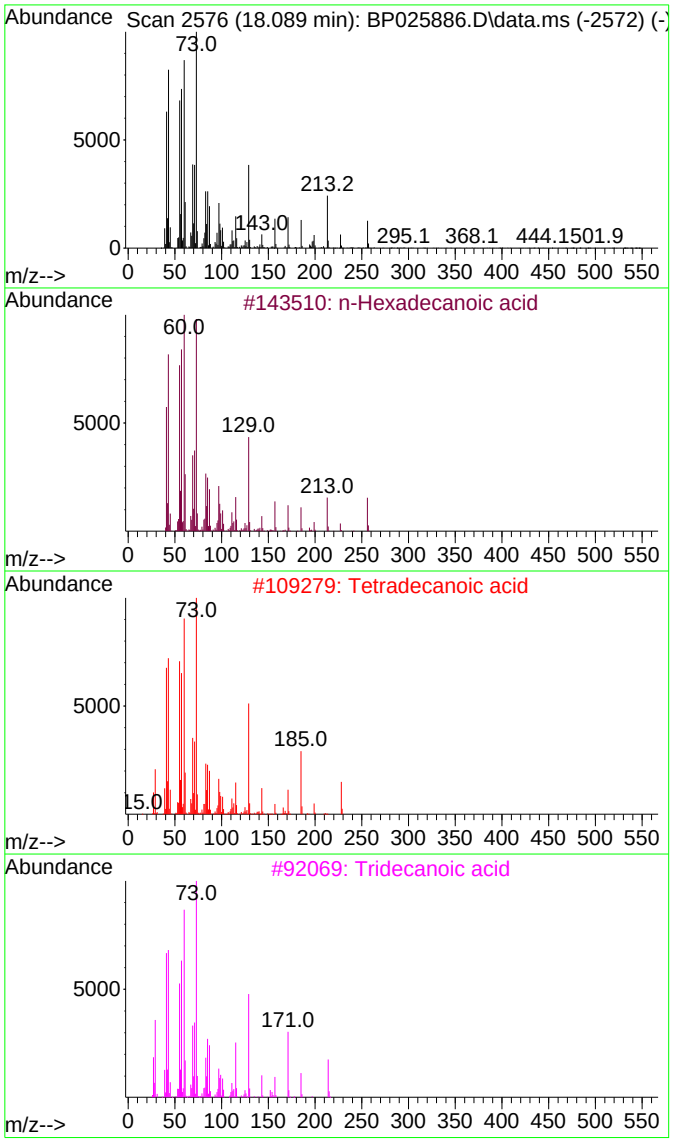
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

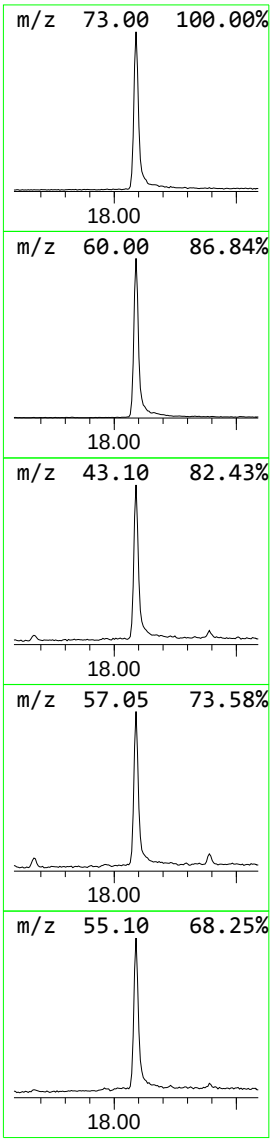
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	25.46 ng	3009620	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

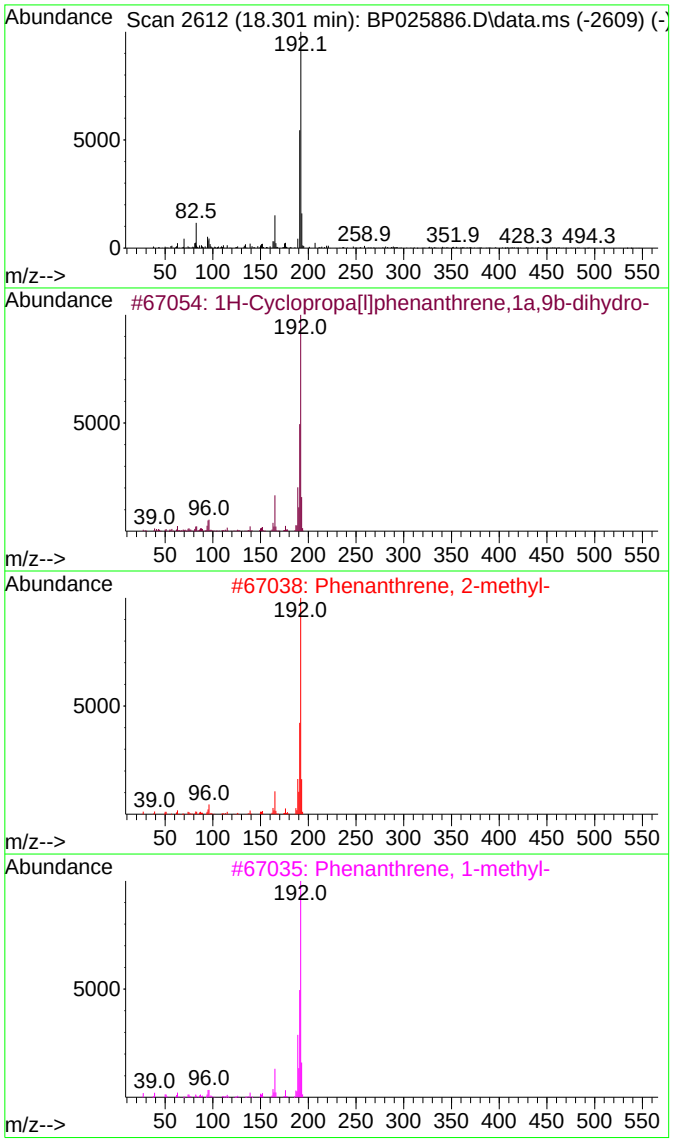
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

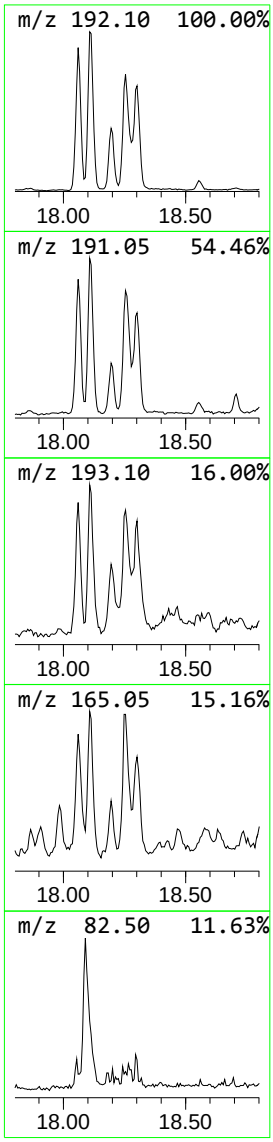
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	3.97 ng	468906	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

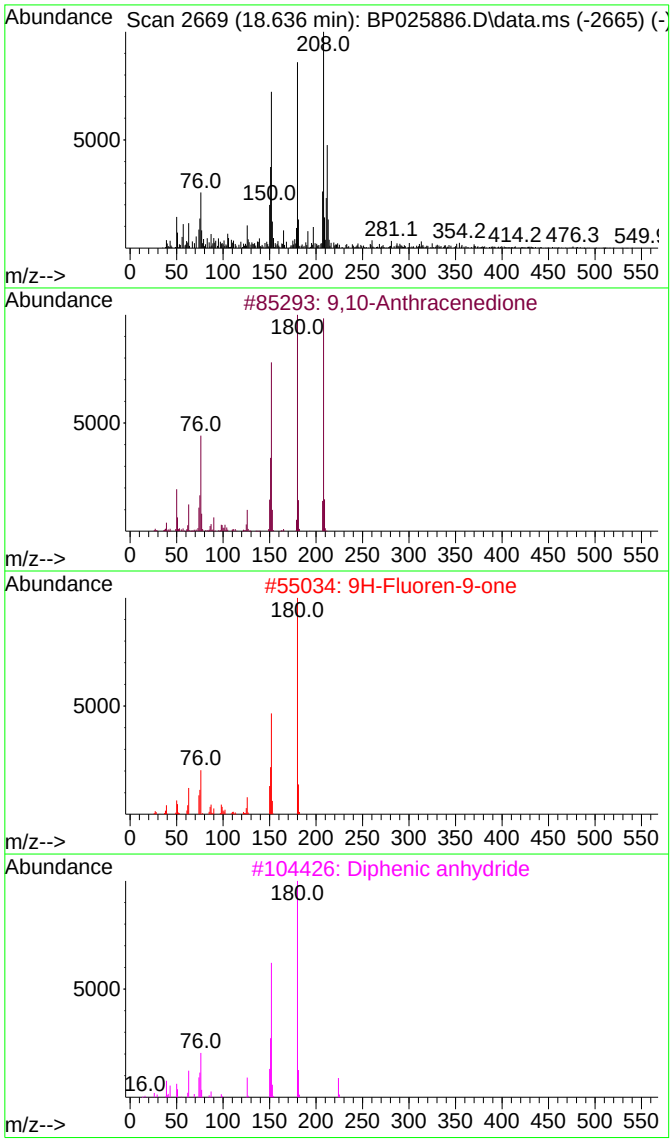
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

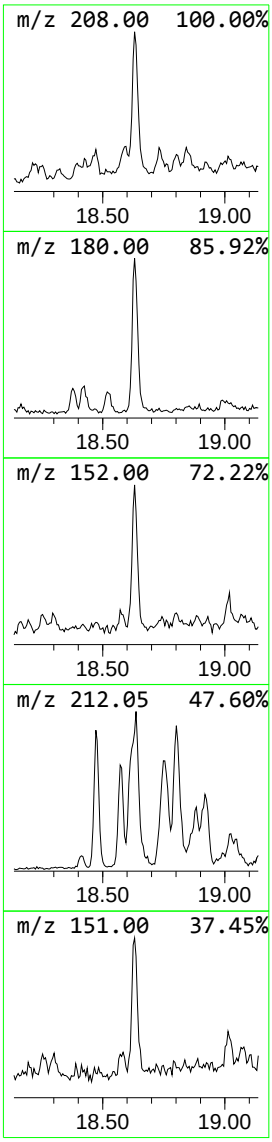
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.636	2.38 ng	280923	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Diphenic anhydride	224	C14H8O3	006050-13-1	50
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

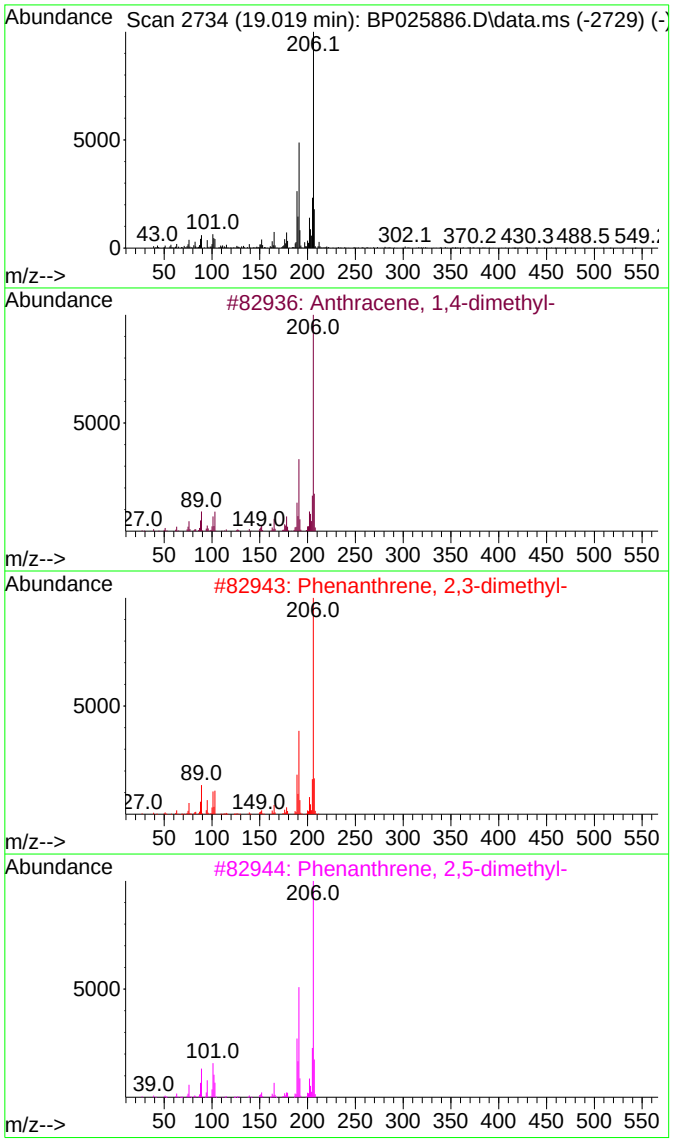
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

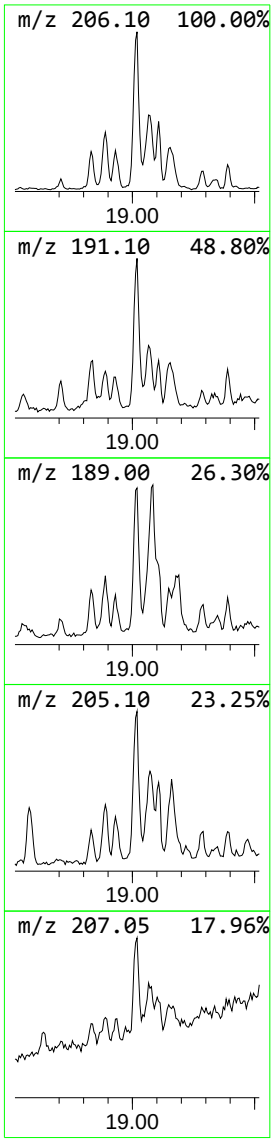
****

Peak Number 11 Anthracene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.019	5.14 ng	607494	Phenanthrene-d10	17.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

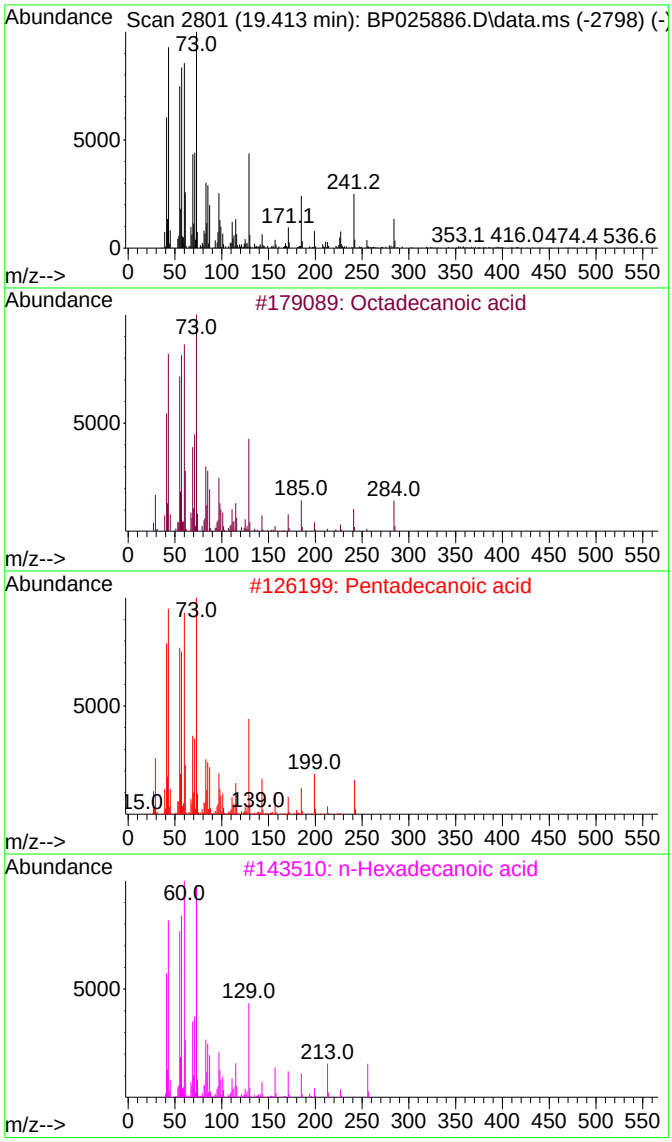
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

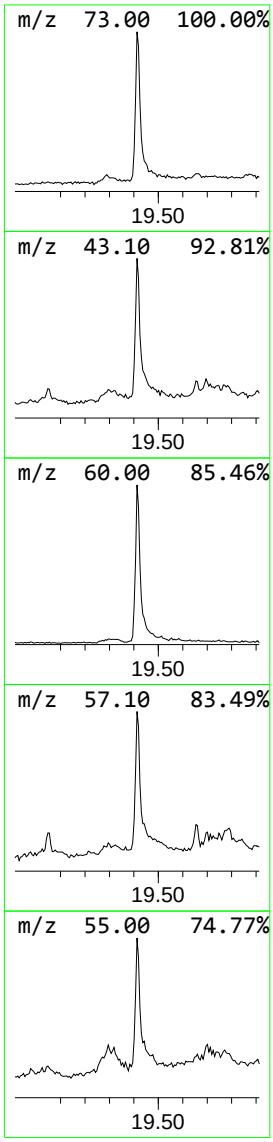
****

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.413	3.21 ng	764734	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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

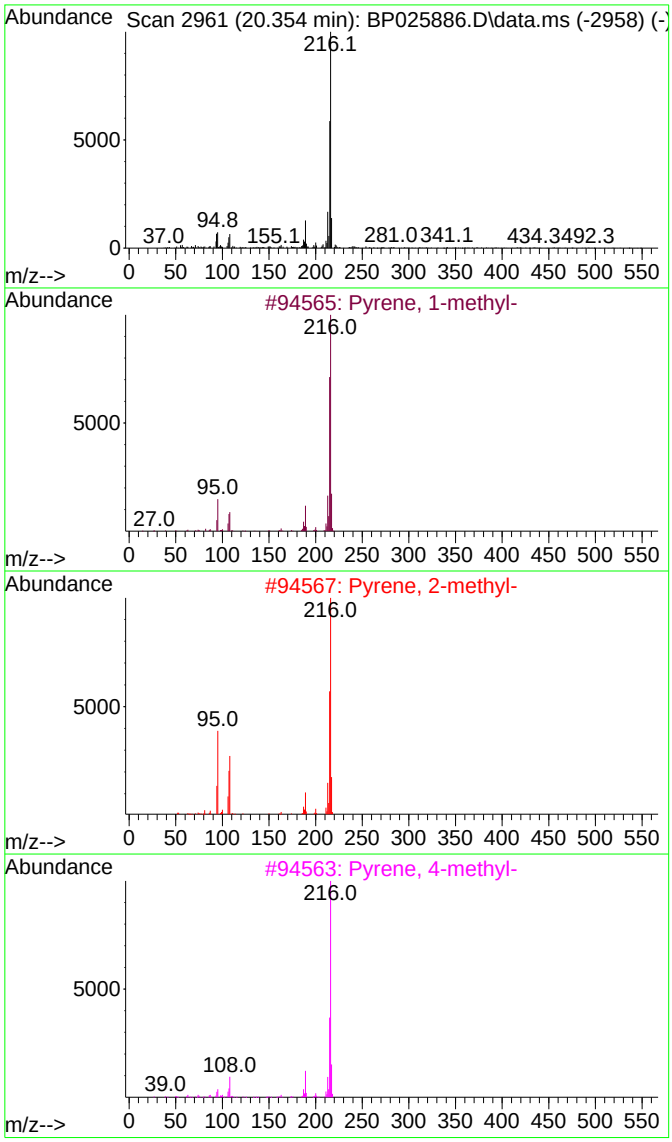
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

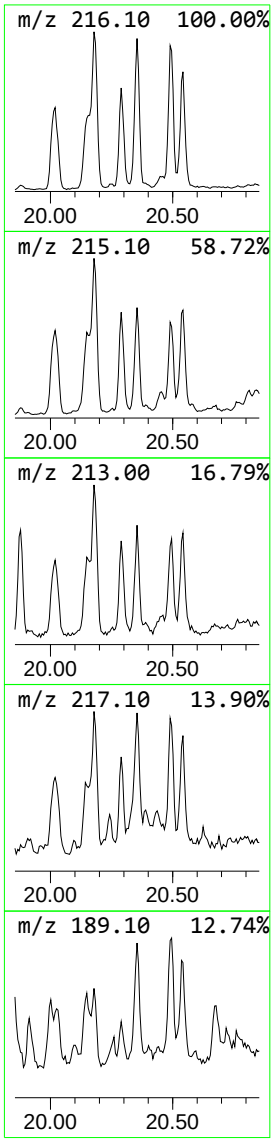
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.354	2.11 ng	504383	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025886.D
Acq On : 29 Sep 2025 18:30
Operator : CG/JU
Sample : Q3231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1

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
Benzophenone	15.743	6.2	ng	732537	3	14.366	2366070	20.0
2-Methyldibenzo...	17.754	2.1	ng	253809	4	17.160	2364350	20.0
Phenanthrene, 1...	18.060	3.7	ng	433425	4	17.160	2364350	20.0
n-Hexadecanoic ...	18.089	25.5	ng	3009620	4	17.160	2364350	20.0
1H-Cyclopropa[l...	18.301	4.0	ng	468906	4	17.160	2364350	20.0
9,10-Anthracene...	18.636	2.4	ng	280923	4	17.160	2364350	20.0
Anthracene, 1,4...	19.019	5.1	ng	607494	4	17.160	2364350	20.0
Octadecanoic acid	19.413	3.2	ng	764734	5	21.607	4770230	20.0
Pyrene, 1-methyl-	20.354	2.1	ng	504383	5	21.607	4770230	20.0