LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-19

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_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.944	311	316	323	rVB2	9669	13829	1.39%	0.235%
2	5.414	390	396	407	rBV	216849	354534	35.58%	6.016%
3	7.001	659	666	677	rBV	220965	380483	38.18%	6.457%
4	7.817	800	805	811	rBV	58202	93545	9.39%	1.587%
5	8.975	993	1002	1010	rBV	138125	246246	24.71%	4.179%
6	10.608	1273	1280	1288	rBV	70848	128916	12.94%	2.188%
7	13.070	1692	1699	1709	rBV	375035	552518	55.44%	9.376%
8	14.445	1927	1933	1940	rVB	120604	184170	18.48%	3.125%
9	15.808	2157	2165	2171	rBV2	34034	50901	5.11%	0.864%
10	15.937	2180	2187	2197	rBV	389116	587360	58.94%	9.967%
11	17.189	2395	2400	2404	rBV	165575	242964	24.38%	4.123%
12	17.230	2404	2407	2412	rVB	44083	59886	6.01%	1.016%
13	17.771	2495	2499	2506	rVB3	7898	12444	1.25%	0.211%
14	17.917	2518	2524	2528	rVB5	5493	11851	1.19%	0.201%
15	17.982	2528	2535	2539	rBV6	5250	10269	1.03%	0.174%
16	18.064	2544	2549	2550	rBV2	26943	35635	3.58%	0.605%
17	18.088	2550	2553	2555	rBV2	21549	25609	2.57%	0.435%
18	18.252	2575	2581	2585	rVV2	32744	59672	5.99%	1.013%
19	18.293	2585	2588	2596	rVB2	22949	32307	3.24%	0.548%
20	18.564	2631	2634	2637	rBV5	9766	12927	1.30%	0.219%
21	18.605	2637	2641	2649	rVB10	10330	23091	2.32%	0.392%
22	18.810	2668	2676	2680	rBV8	8632	20027	2.01%	0.340%
23	18.863	2681	2685	2687	rVV2	12643	14580	1.46%	0.247%
24	18.981	2701	2705	2709	rBV3	35760	58026	5.82%	0.985%
25	19.034	2711	2714	2715	rVV2	14271	18047	1.81%	0.306%
26	19.075	2718	2721	2725	rVB5	10522	13039	1.31%	0.221%
27	19.116	2725	2728	2738	rBV10	12341	34074	3.42%	0.578%
28	19.239	2744	2749	2755	rBV	98645	140140	14.06%	2.378%
29	19.304	2755	2760	2764	rBV7	9001	19210	1.93%	0.326%
30	19.604	2803	2811	2820	rBV	107786	203540	20.42%	3.454%
31	19.686	2820	2825	2830	rBV3	18402	32600	3.27%	0.553%
32	19.809	2840	2846	2851	rBV	772957	996541	100.00%	16.911%
33	19.921	2862	2865	2867	rBV4	18336	20731	2.08%	0.352%
34	20.062	2885	2889	2892	rBV6	19340	34338	3.45%	0.583%
35	20.097	2892	2895	2900	rVB	30023	42431	4.26%	0.720%
36	20.203	2908	2913	2916	rVB2	20614	27062	2.72%	0.459%

LSC Area Percent Report

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Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

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_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.256	2917	2922	2926	rBV2	28223	43532	4.37%	0.739%
38	20.391	2943	2945	2950	rVB2	18178	17056	1.71%	0.289%
39	20.444	2950	2954	2956	rBV4	19470	24472	2.46%	0.415%
40	20.555	2971	2973	2978	rBV6	8727	11084	1.11%	0.188%
41	20.608	2978	2982	2986	rBV7	10518	21270	2.13%	0.361%
42	21.090	3062	3064	3073	rVB9	24216	37031	3.72%	0.628%
43	21.413	3112	3119	3124	rBV3	201216	378081	37.94%	6.416%
44	21.460	3124	3127	3132	rVB	48620	65235	6.55%	1.107%
45	22.477	3298	3300	3306	rVB7	12034	18363	1.84%	0.312%
46	22.788	3350	3353	3361	rVB10	28444	51549	5.17%	0.875%
47	23.452	3464	3466	3476	rBV4	19695	42969	4.31%	0.729%
48	24.263	3597	3604	3611	rBV3	31815	91251	9.16%	1.548%
49	24.404	3620	3628	3637	rBV	118969	297519	29.86%	5.049%

Sum of corrected areas: 5892955

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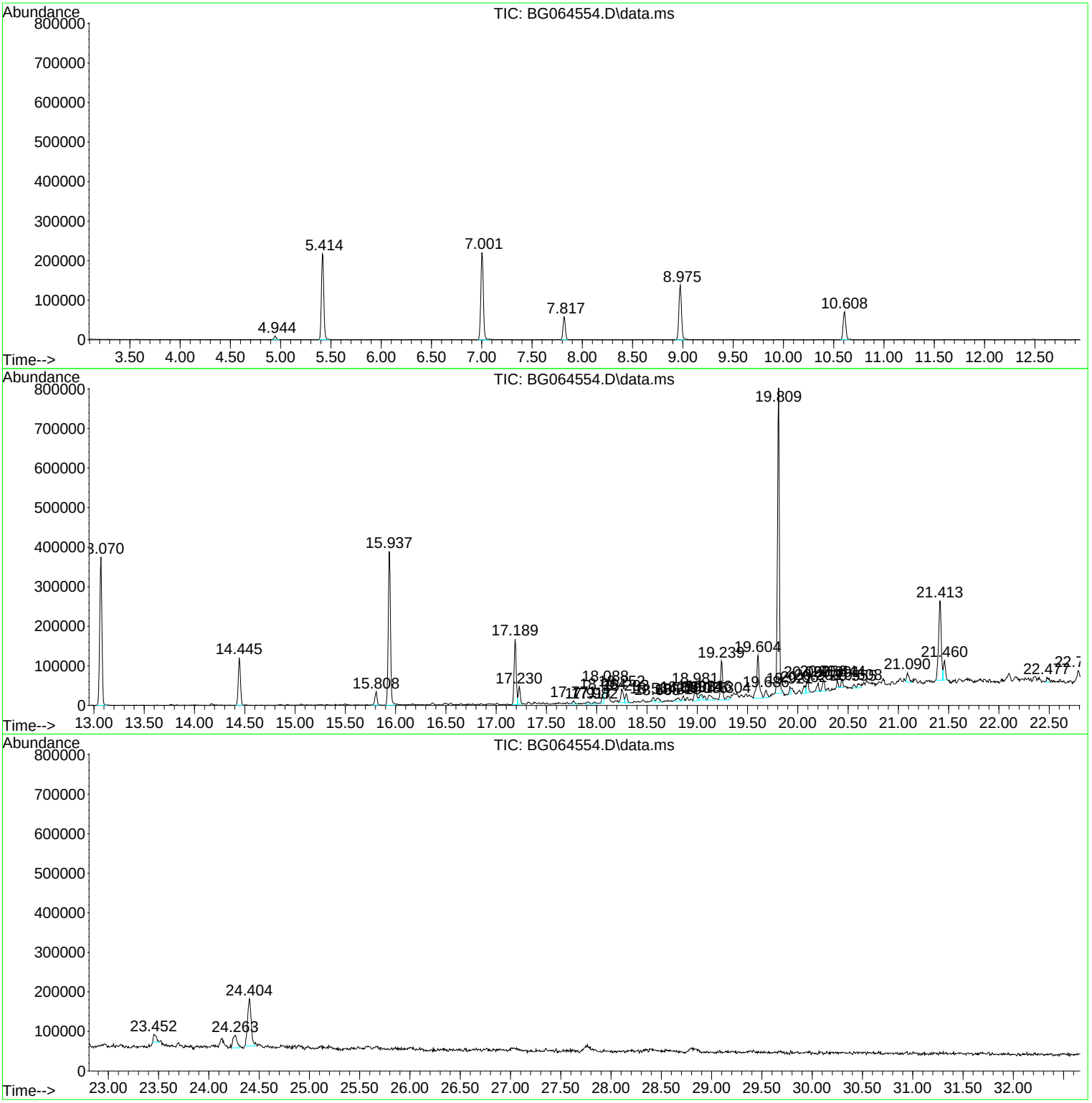
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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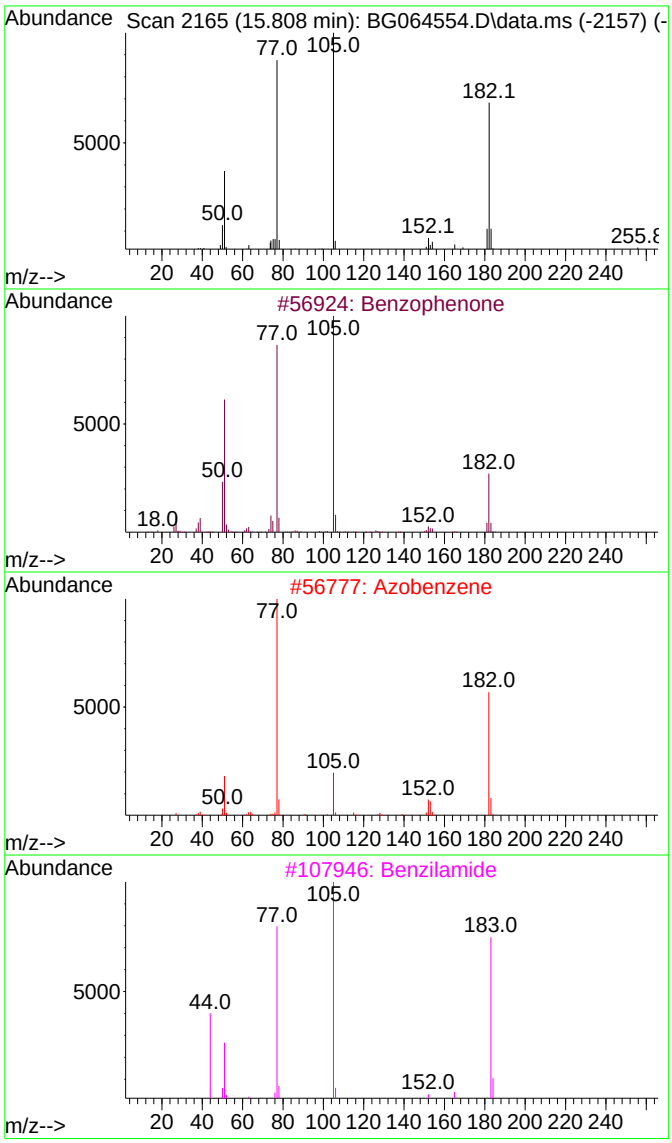
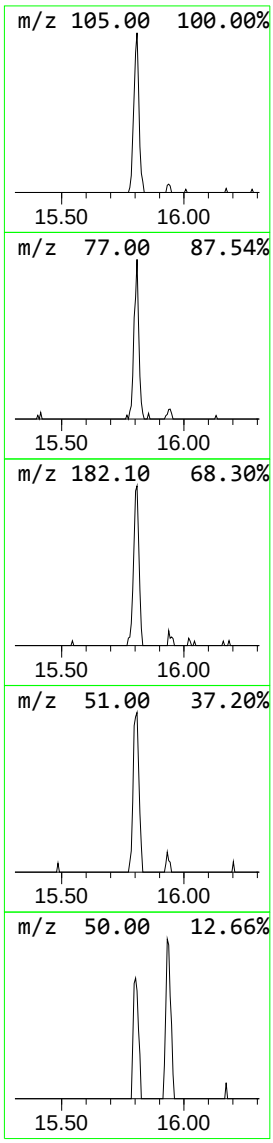
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	5.53 ng	50901	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzilamide	227	C14H13NO2	004746-87-6	50
4	Acetic acid, 2-benzoylthio-, 2-o...	314	C17H14O4S	1000260-20-1	47
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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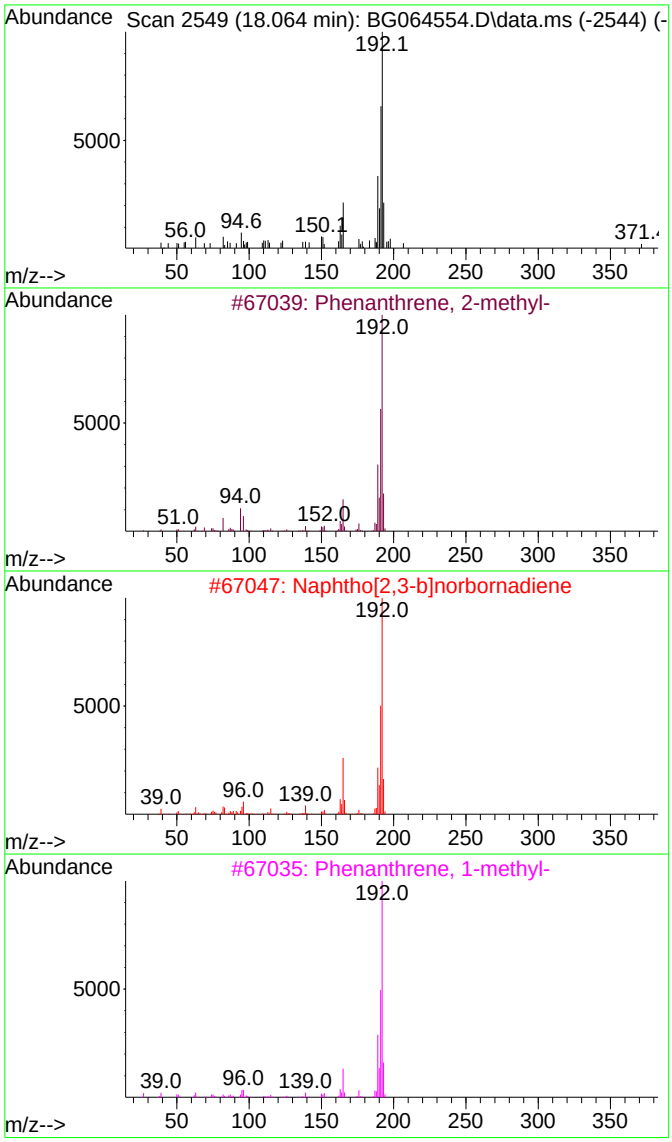
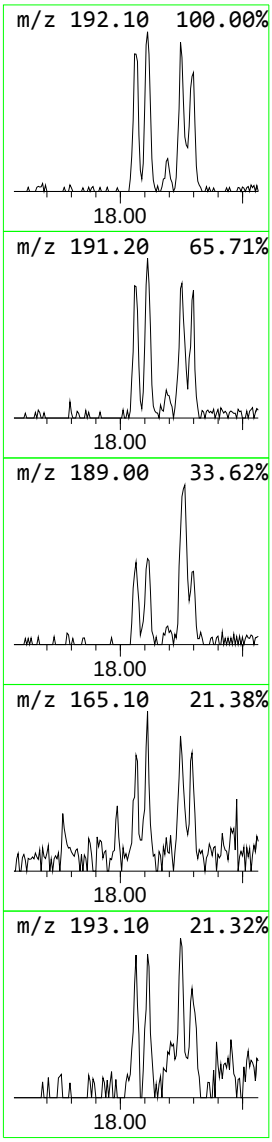
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.064	2.93 ng	35635	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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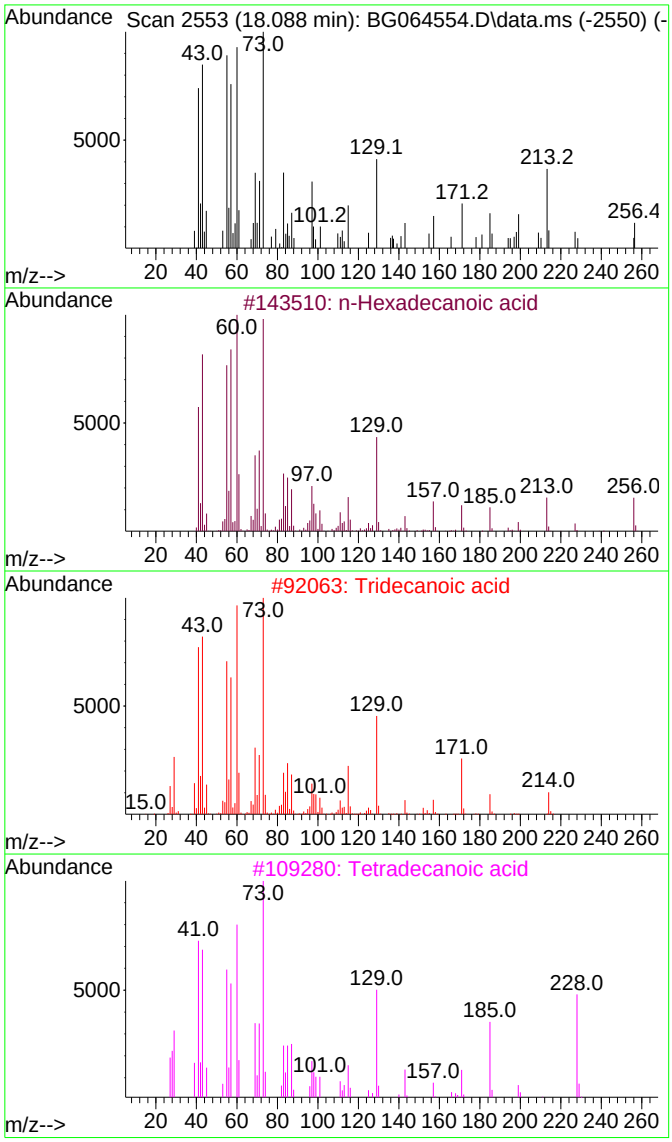
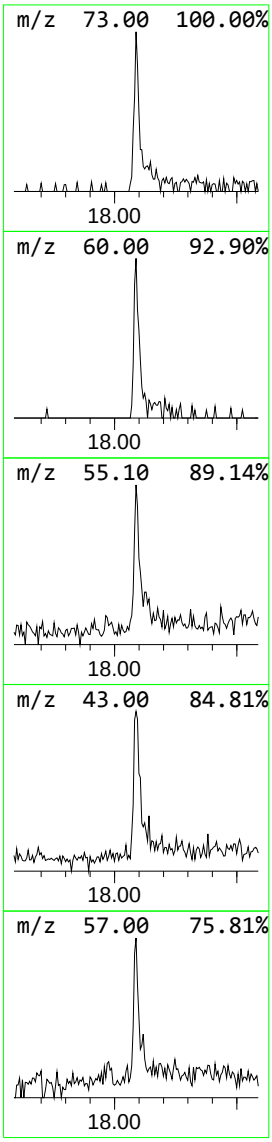
Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.088	2.11 ng	25609	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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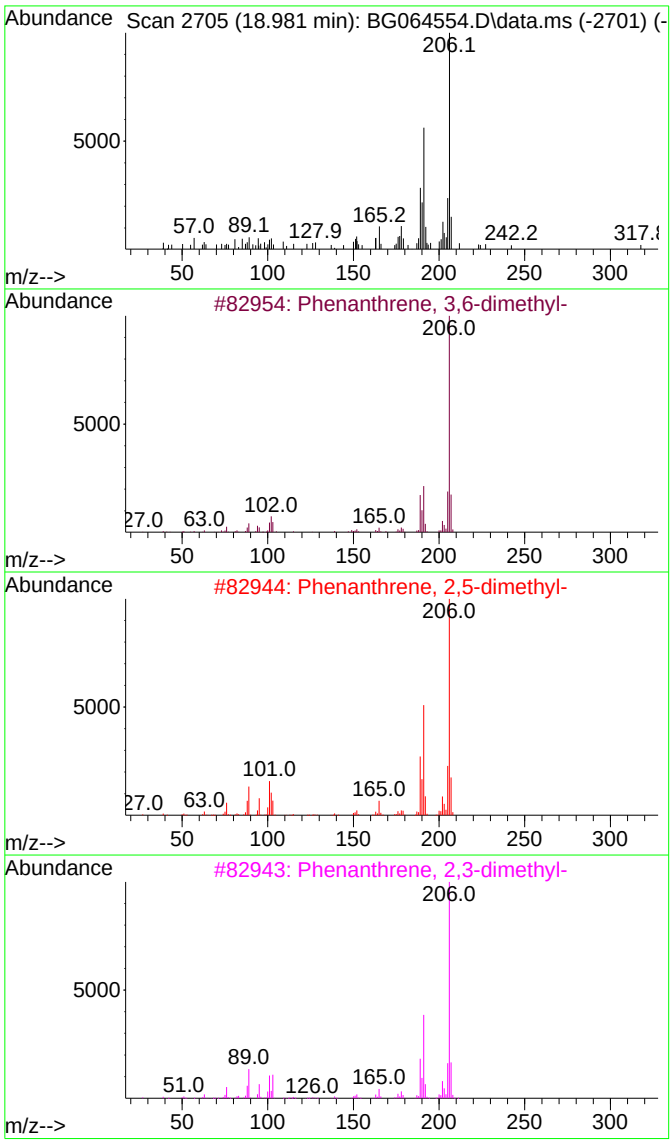
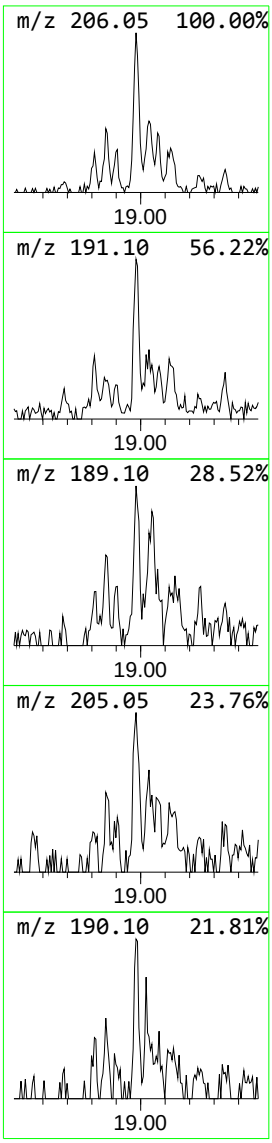
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	4.78 ng	58026	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064554.D
Acq On : 20 Oct 2025 18:05
Operator : RC/JU
Sample : Q3392-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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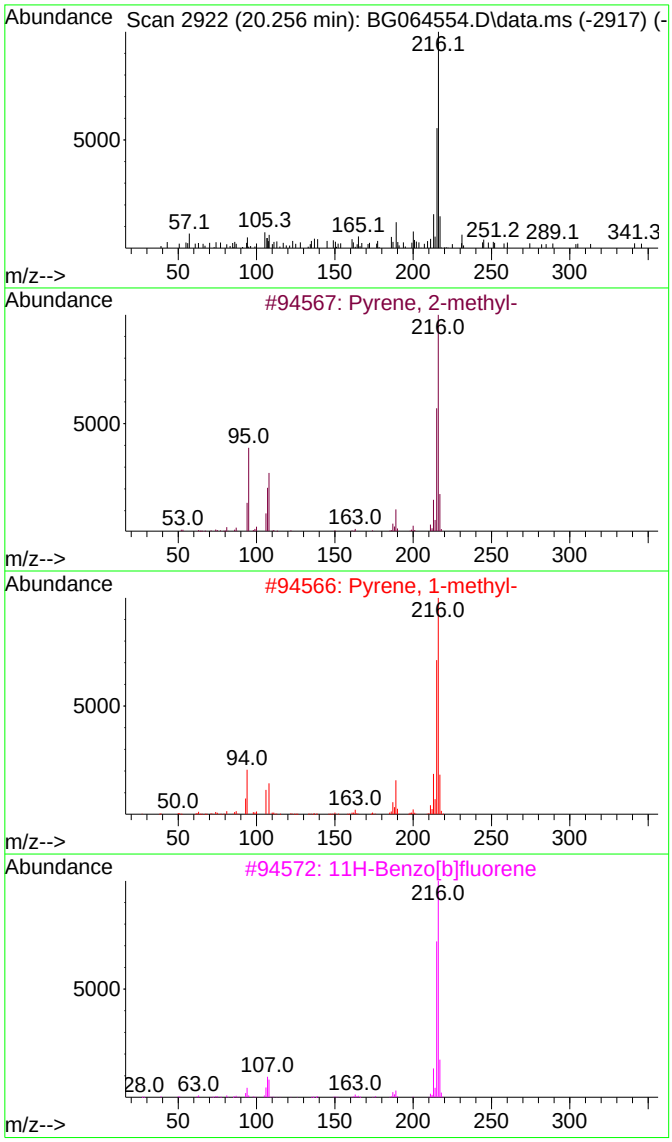
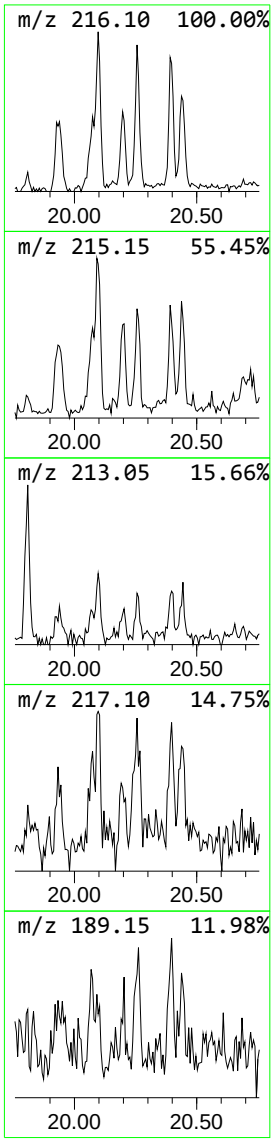
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.256	2.30 ng	43532	Chrysene-d12	21.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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	15.808	5.5	ng	50901	3	14.445	184170	20.0
Phenanthrene, 2...	18.064	2.9	ng	35635	4	17.189	242964	20.0
n-Hexadecanoic ...	18.088	2.1	ng	25609	4	17.189	242964	20.0
Phenanthrene, 3...	18.981	4.8	ng	58026	4	17.189	242964	20.0
Pyrene, 2-methyl-	20.256	2.3	ng	43532	5	21.413	378081	20.0