LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.201	15	19	28	rBV2	17299	33034	2.18%	0.283%
2	3.283	28	33	48	rVB	269441	411868	27.14%	3.523%
3	5.751	445	453	465	rVB	332962	549579	36.21%	4.701%
4	7.355	716	726	735	rBV	365717	651224	42.91%	5.571%
5	8.219	866	873	880	rVB	133457	222690	14.67%	1.905%
6	9.382	1062	1071	1079	rVB	213864	384387	25.33%	3.288%
7	11.045	1346	1354	1361	rBV	190127	345145	22.74%	2.952%
8	13.471	1759	1767	1776	rBV	615358	949061	62.54%	8.118%
9	14.840	1991	2000	2007	rVB	335322	535229	35.27%	4.578%
10	15.880	2170	2177	2182	rBV6	10466	20775	1.37%	0.178%
11	16.180	2221	2228	2234	rBV	94810	139886	9.22%	1.197%
12	16.315	2244	2251	2261	rBV	591016	908690	59.88%	7.773%
13	17.390	2430	2434	2440	rVB4	14942	26442	1.74%	0.226%
14	17.578	2459	2466	2470	rBV2	444828	692269	45.62%	5.922%
15	17.619	2470	2473	2478	rVB	96969	133088	8.77%	1.138%
16	17.713	2485	2489	2494	rBV3	14846	25350	1.67%	0.217%
17	18.154	2560	2564	2573	rVB	20425	32787	2.16%	0.280%
18	18.319	2585	2592	2596	rBV3	17502	45058	2.97%	0.385%
19	18.454	2609	2615	2619	rBV	234864	344454	22.70%	2.946%
20	18.495	2619	2622	2630	rVB	65832	103213	6.80%	0.883%
21	18.577	2631	2636	2641	rBV4	11682	17145	1.13%	0.147%
22	18.642	2641	2647	2651	rBV3	52018	107115	7.06%	0.916%
23	18.677	2651	2653	2661	rVB	39924	50953	3.36%	0.436%
24	18.753	2662	2666	2669	rBV3	11752	19263	1.27%	0.165%
25	18.842	2676	2681	2685	rVB2	16442	29265	1.93%	0.250%
26	18.936	2693	2697	2701	rBV2	25751	42115	2.78%	0.360%
27	18.977	2701	2704	2712	rVB5	20170	41366	2.73%	0.354%
28	19.182	2731	2739	2742	rBV3	25411	55071	3.63%	0.471%
29	19.229	2744	2747	2751	rVV2	26563	37660	2.48%	0.322%
30	19.270	2751	2754	2757	rVB3	18687	22719	1.50%	0.194%
31	19.353	2763	2768	2773	rBV2	67347	120395	7.93%	1.030%
32	19.488	2787	2791	2797	rBV4	29823	62260	4.10%	0.533%
33	19.611	2806	2812	2818	rBV	149417	221827	14.62%	1.897%
34	19.670	2818	2822	2825	rBV6	18665	25412	1.67%	0.217%
35	19.711	2825	2829	2833	rVB2	43042	54047	3.56%	0.462%
36	19.852	2849	2853	2857	rBV4	23974	42924	2.83%	0.367%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.970	2864	2873	2880	rBV	226598	396585	26.13%	3.392%
38	20.046	2882	2886	2891	rVB2	39555	64899	4.28%	0.555%
39	20.164	2901	2906	2912	rBV	1184424	1517632	100.00%	12.982%
40	20.287	2923	2927	2928	rBV4	26552	30484	2.01%	0.261%
41	20.457	2948	2956	2965	rVB2	49196	137863	9.08%	1.179%
42	20.534	2965	2969	2970	rBV4	20573	25232	1.66%	0.216%
43	20.616	2979	2983	2987	rBV	50634	65309	4.30%	0.559%
44	20.757	3003	3007	3011	rBV	41494	62775	4.14%	0.537%
45	20.804	3011	3015	3018	rVV	35403	42798	2.82%	0.366%
46	20.968	3040	3043	3046	rVB5	15278	18249	1.20%	0.156%
47	21.480	3128	3130	3139	rVB6	35478	72013	4.75%	0.616%
48	21.850	3185	3193	3198	rBV2	477726	929922	61.27%	7.954%
49	23.624	3491	3495	3501	rVB2	49699	92341	6.08%	0.790%
50	25.193	3754	3762	3773	rVB	264981	730698	48.15%	6.250%

Sum of corrected areas: 11690566

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
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Acq On : 31 Oct 2025 15:31
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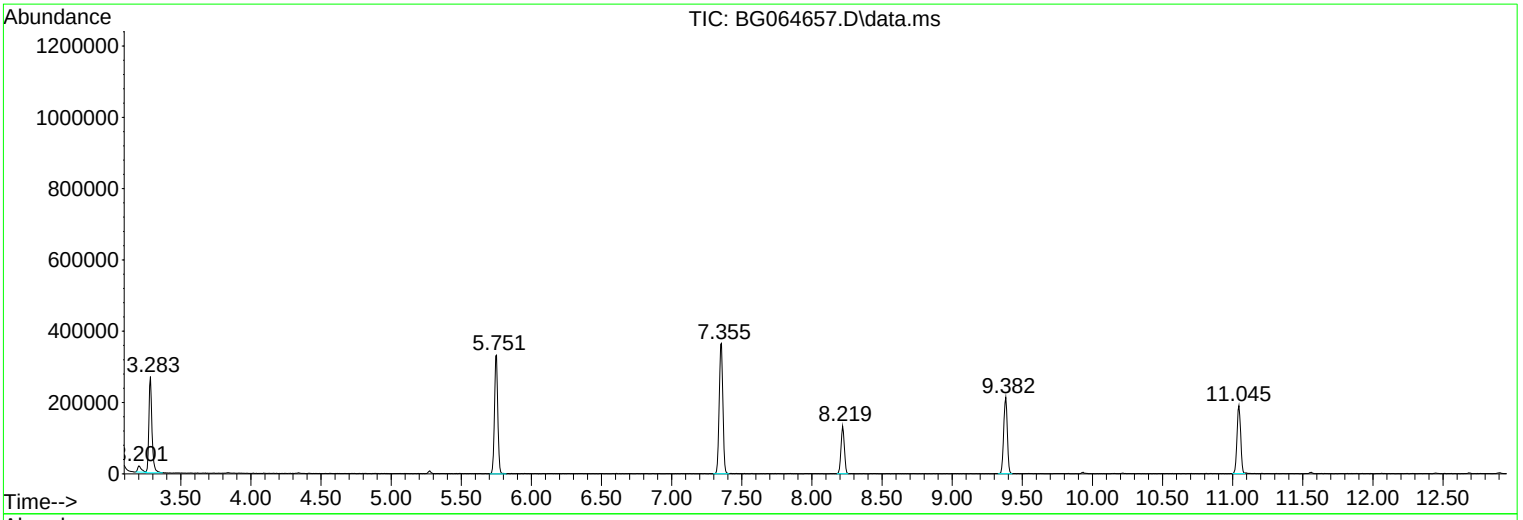
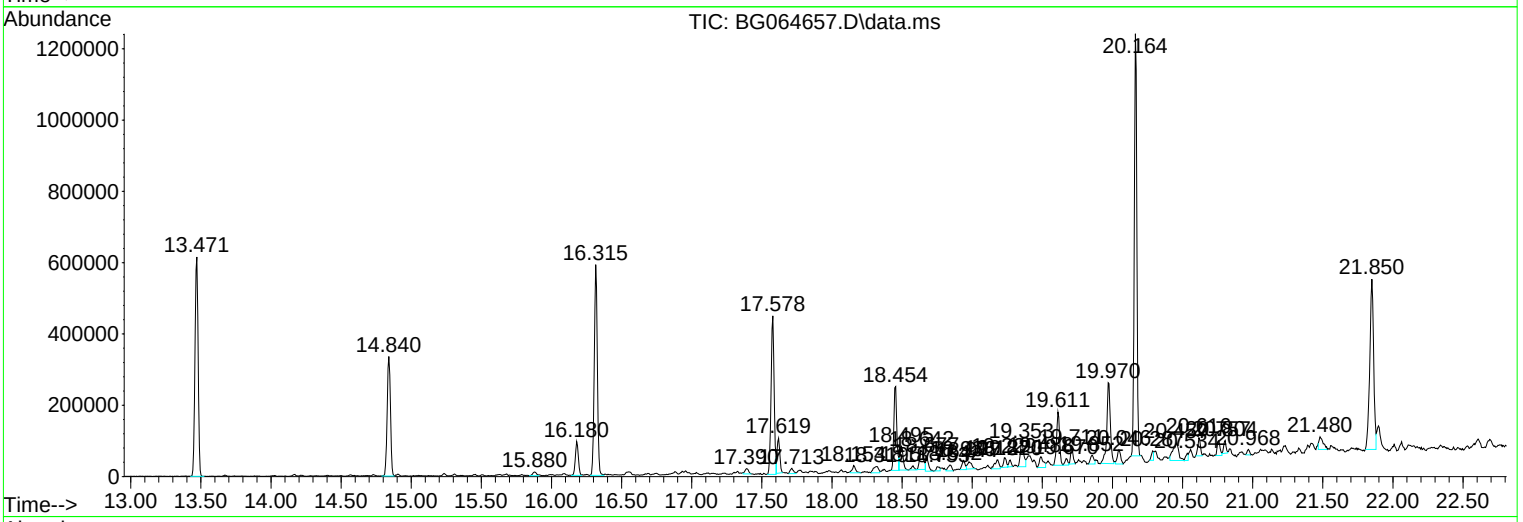
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

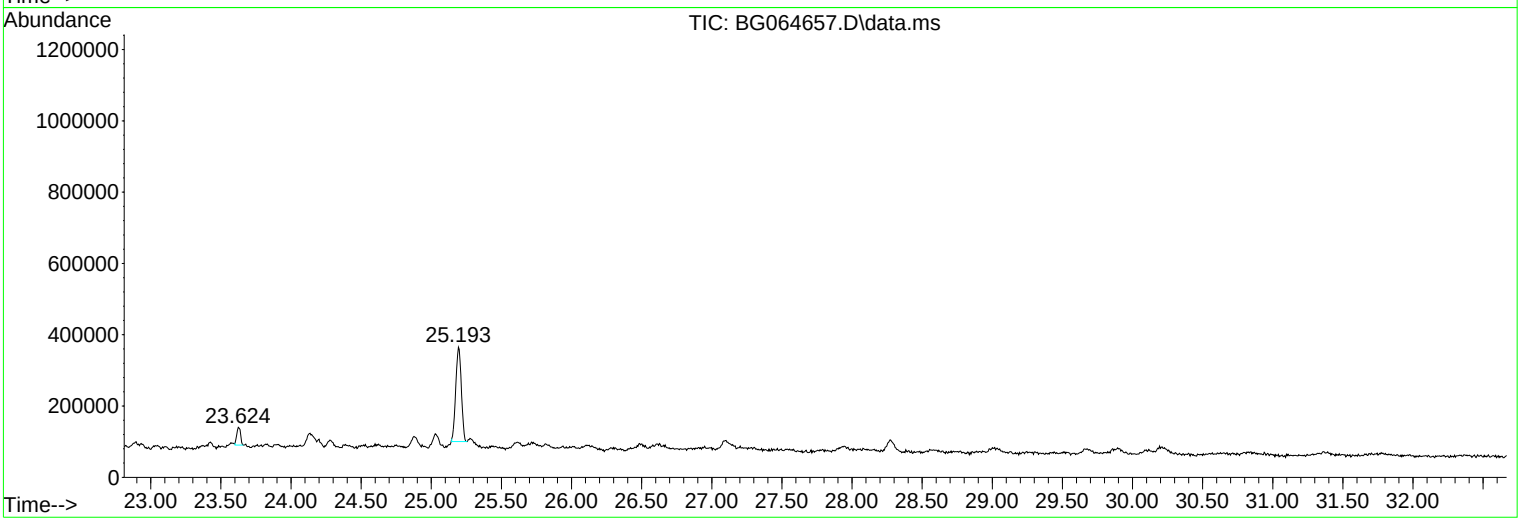
Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

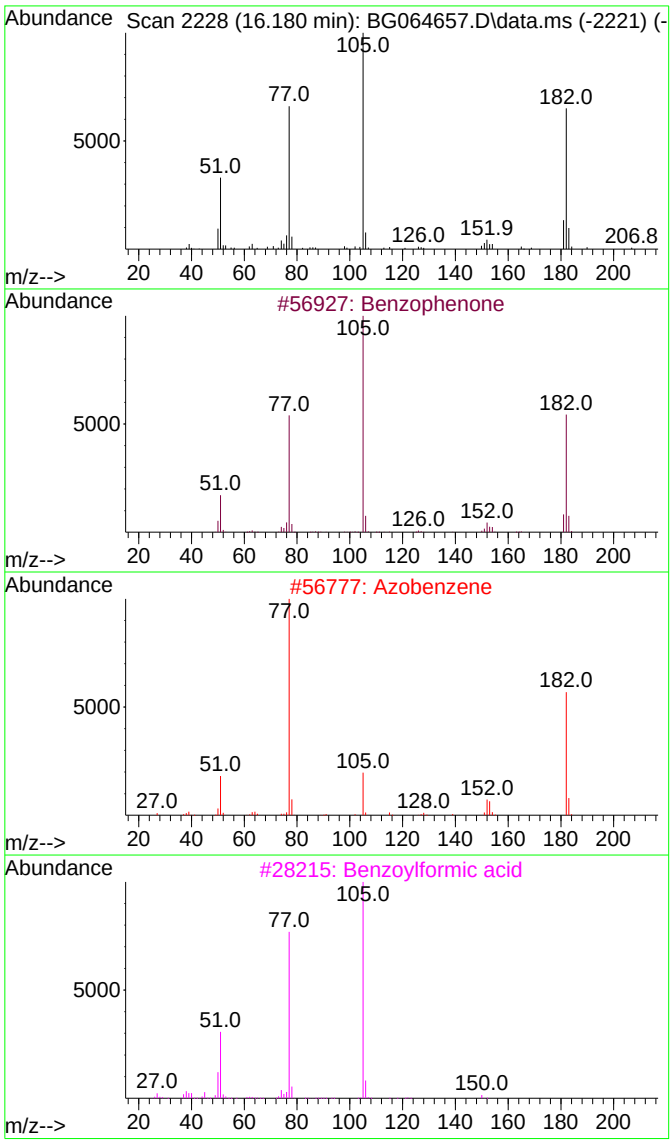
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

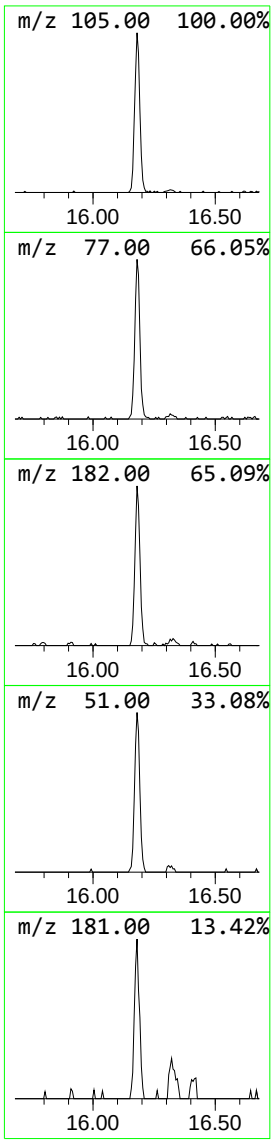
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	5.23 ng	139886	Acenaphthene-d10	14.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
5	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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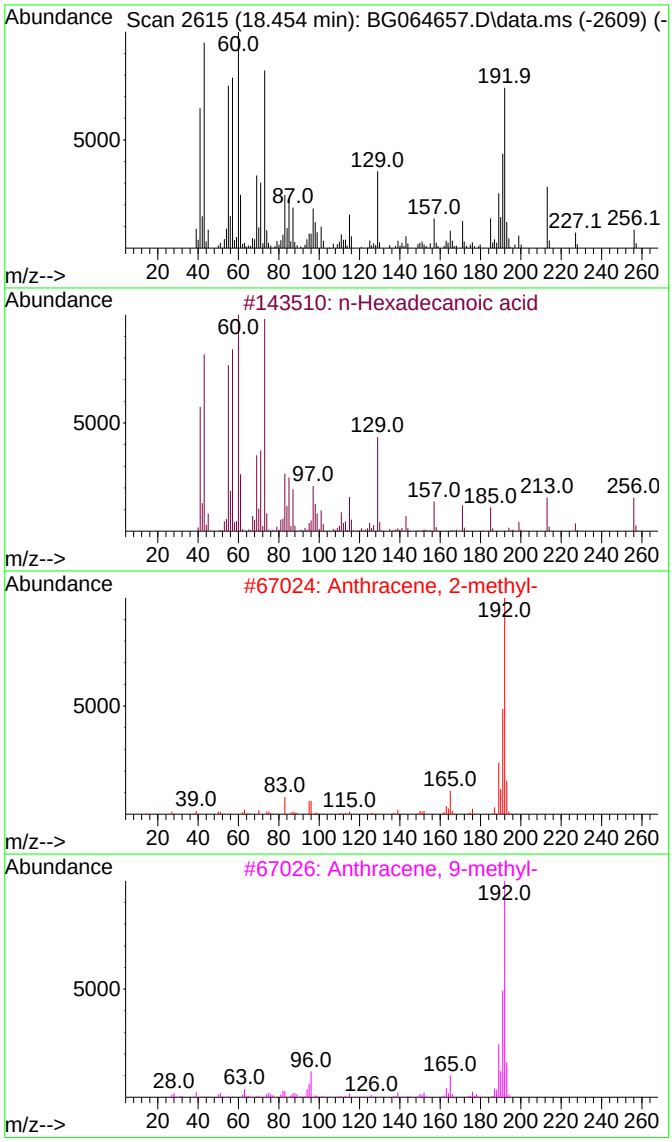
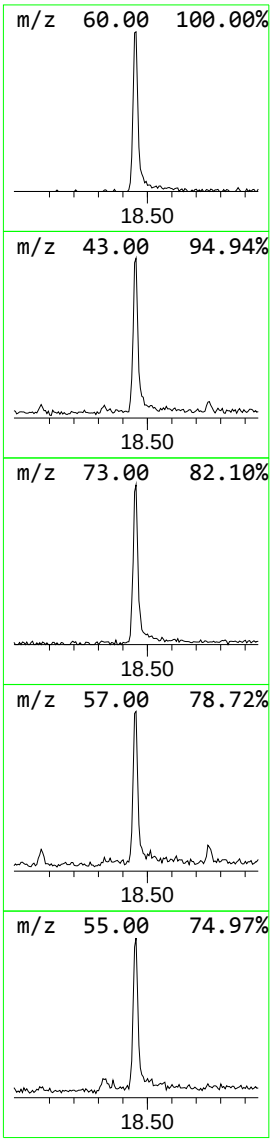
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	9.95 ng	344454	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

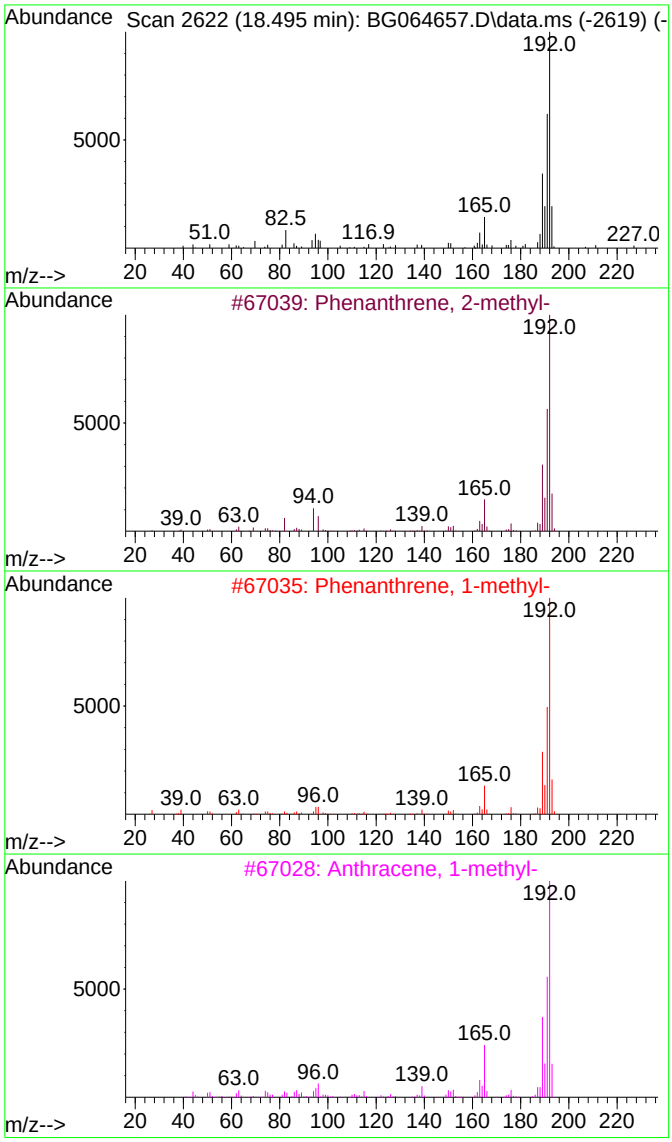
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

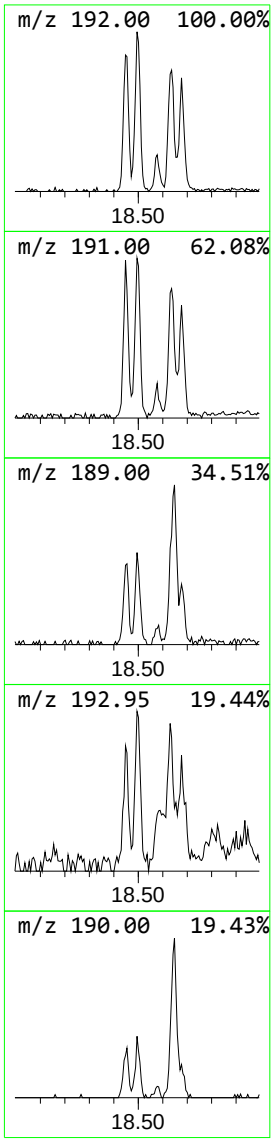
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.495	2.98 ng	103213	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

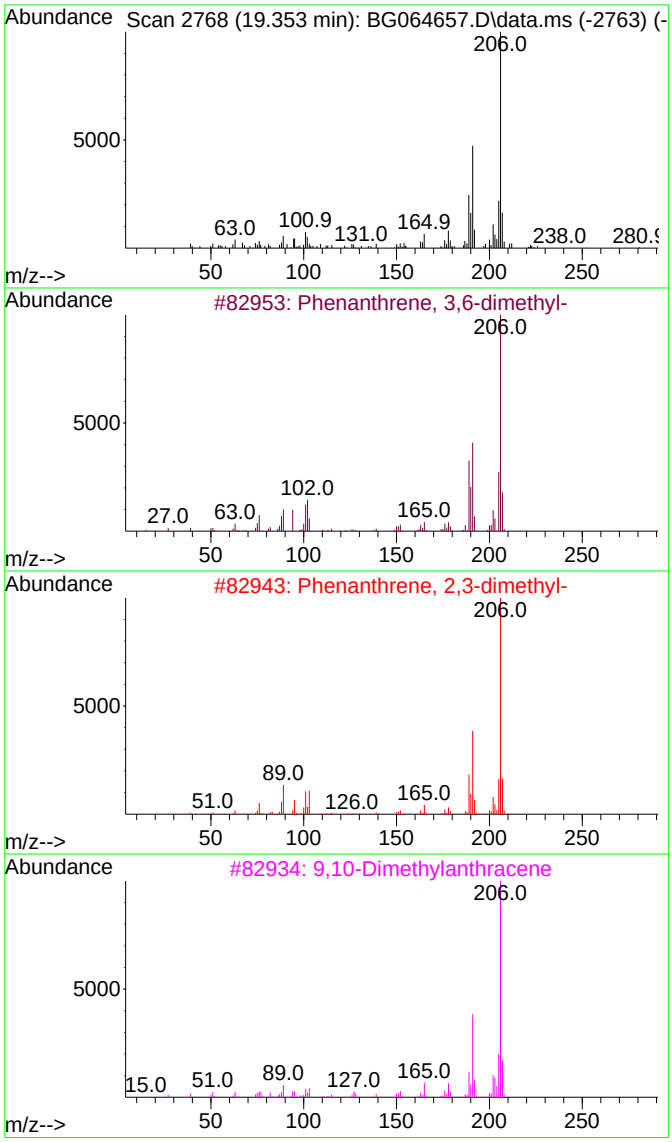
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

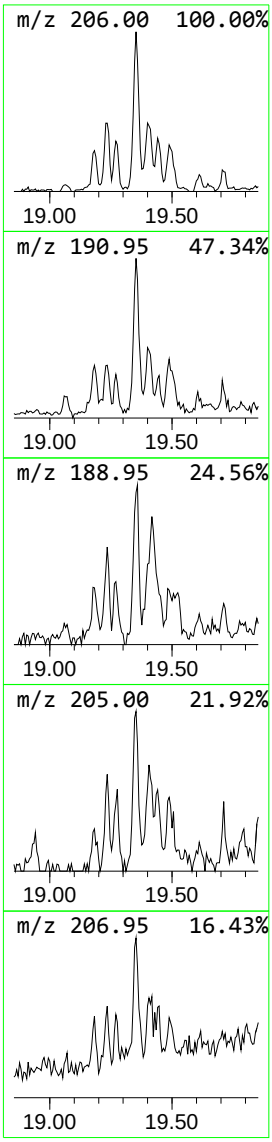
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.353	3.48 ng	120395	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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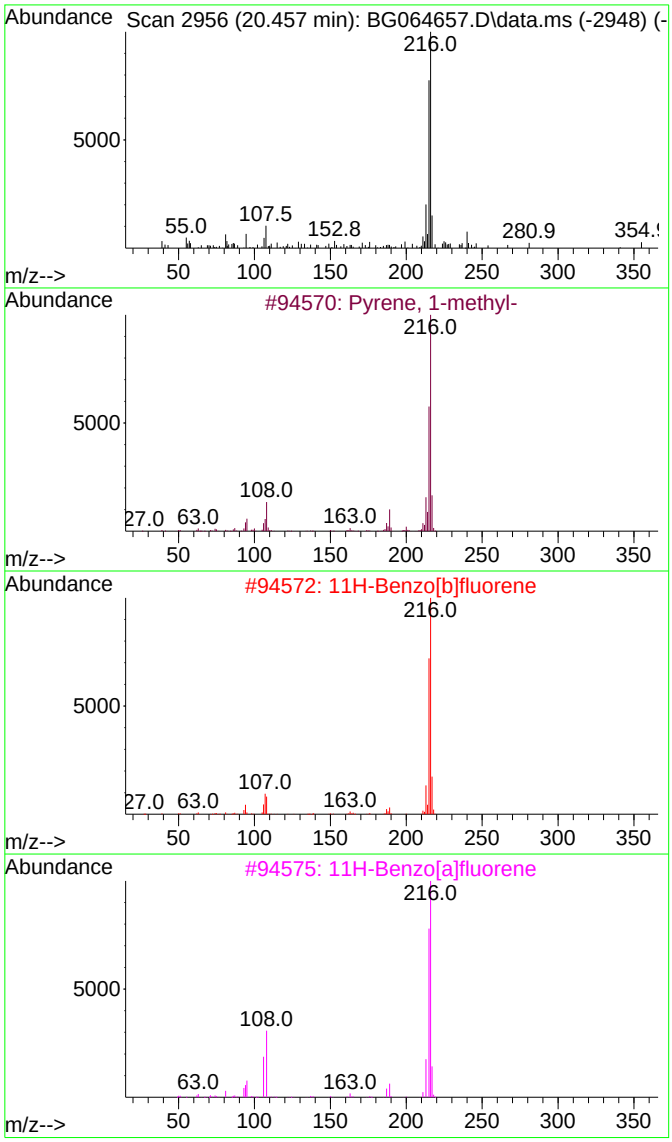
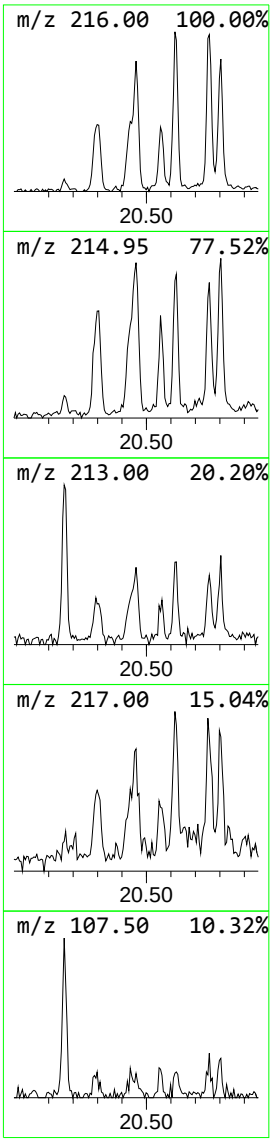
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.457	2.97 ng	137863	Chrysene-d12	21.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064657.D
Acq On : 31 Oct 2025 15:31
Operator : RC/JU
Sample : Q3497-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-103025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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	16.180	5.2	ng	139886	3	14.840	535229	20.0
n-Hexadecanoic ...	18.454	9.9	ng	344454	4	17.578	692269	20.0
Phenanthrene, 2...	18.495	3.0	ng	103213	4	17.578	692269	20.0
Phenanthrene, 3...	19.353	3.5	ng	120395	4	17.578	692269	20.0
Pyrene, 1-methyl-	20.457	3.0	ng	137863	5	21.850	929922	20.0