LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

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-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.506	236	241	248	rBV2	15238	23789	2.84%	0.354%
2	5.382	382	390	397	rBV	204859	331218	39.59%	4.931%
3	6.980	655	662	673	rBV	223148	388948	46.49%	5.791%
4	7.803	791	802	813	rBV	61296	104921	12.54%	1.562%
5	8.972	994	1001	1008	rBV	131097	240933	28.80%	3.587%
6	10.605	1268	1279	1286	rBV	87173	173208	20.70%	2.579%
7	11.622	1447	1452	1458	rBV	6773	11305	1.35%	0.168%
8	12.021	1514	1520	1527	rBV2	5773	9626	1.15%	0.143%
9	12.280	1559	1564	1572	rVB	6154	10556	1.26%	0.157%
10	12.497	1594	1601	1608	rBV	6075	10108	1.21%	0.150%
11	13.073	1692	1699	1711	rBV	369020	572554	68.43%	8.524%
12	13.267	1728	1732	1737	rBV	10351	15180	1.81%	0.226%
13	13.778	1813	1819	1823	rBV2	8934	15467	1.85%	0.230%
14	13.925	1841	1844	1848	rVB2	8447	11356	1.36%	0.169%
15	14.342	1910	1915	1920	rBV2	11456	15585	1.86%	0.232%
16	14.454	1928	1934	1942	rBV	170555	266461	31.85%	3.967%
17	14.853	1997	2002	2009	rVB4	7987	13933	1.67%	0.207%
18	15.071	2034	2039	2045	rBV	5947	9615	1.15%	0.143%
19	15.241	2063	2068	2072	rBV5	5856	11373	1.36%	0.169%
20	15.294	2072	2077	2082	rVB3	14131	19118	2.28%	0.285%
21	15.494	2107	2111	2116	rBV3	7889	12397	1.48%	0.185%
22	15.699	2142	2146	2152	rVB3	5573	8918	1.07%	0.133%
23	15.946	2182	2188	2201	rBV	301589	497206	59.43%	7.402%
24	16.175	2218	2227	2232	rBV3	26497	57710	6.90%	0.859%
25	16.733	2315	2322	2326	rBV5	6887	14256	1.70%	0.212%
26	16.863	2340	2344	2349	rBV4	4593	9642	1.15%	0.144%
27	16.945	2352	2358	2363	rVB2	18072	25988	3.11%	0.387%
28	17.197	2395	2401	2406	rBV	232353	357454	42.72%	5.322%
29	17.244	2406	2409	2415	rVV	35622	51495	6.15%	0.767%
30	17.338	2419	2425	2428	rVB4	5066	9994	1.19%	0.149%
31	17.391	2428	2434	2441	rBV6	4147	11163	1.33%	0.166%
32	17.685	2479	2484	2487	rVB2	16391	20233	2.42%	0.301%
33	18.085	2547	2552	2556	rBV4	34272	60709	7.26%	0.904%
34	18.126	2556	2559	2564	rVV2	26386	39867	4.76%	0.594%
35	18.208	2567	2573	2579	rVV8	5349	15988	1.91%	0.238%
36	18.267	2579	2583	2587	rVV3	20930	36993	4.42%	0.551%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

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-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.314	2587	2591	2595	rVB3	10850	18020	2.15%	0.268%
38	18.378	2596	2602	2607	rBV	14927	21156	2.53%	0.315%
39	18.578	2632	2636	2642	rBV2	9458	16656	1.99%	0.248%
40	18.872	2683	2686	2690	rVV3	7007	11301	1.35%	0.168%
41	18.995	2702	2707	2713	rBV2	29219	59096	7.06%	0.880%
42	19.048	2713	2716	2720	rVV4	10193	18467	2.21%	0.275%
43	19.083	2720	2722	2725	rVV2	10612	11495	1.37%	0.171%
44	19.130	2726	2730	2739	rVB6	11116	26852	3.21%	0.400%
45	19.260	2747	2752	2759	rVB	92558	128514	15.36%	1.913%
46	19.318	2759	2762	2765	rBV	7611	9156	1.09%	0.136%
47	19.365	2765	2770	2773	rBV5	11899	19226	2.30%	0.286%
48	19.589	2803	2808	2810	rBV2	28840	37921	4.53%	0.565%
49	19.624	2810	2814	2821	rVV	68125	107673	12.87%	1.603%
50	19.695	2821	2826	2831	rVB2	16300	25101	3.00%	0.374%
51	19.818	2841	2847	2852	rBV	652363	836683	100.00%	12.457%
52	19.935	2862	2867	2869	rBV4	14172	23306	2.79%	0.347%
53	20.071	2886	2890	2891	rBV3	9086	9917	1.19%	0.148%
54	20.118	2894	2898	2904	rVB	42400	56993	6.81%	0.849%
55	20.217	2911	2915	2918	rBV	15109	20827	2.49%	0.310%
56	20.270	2919	2924	2929	rVB4	14603	26160	3.13%	0.389%
57	20.347	2935	2937	2943	rVB7	5932	10000	1.20%	0.149%
58	20.411	2944	2948	2952	rBV2	11685	21205	2.53%	0.316%
59	20.458	2953	2956	2959	rVB2	8644	11578	1.38%	0.172%
60	20.611	2979	2982	2985	rBV2	19889	19450	2.32%	0.290%
61	20.734	3000	3003	3007	rVB6	8985	12953	1.55%	0.193%
62	20.828	3014	3019	3021	rBV5	9542	15364	1.84%	0.229%
63	20.870	3022	3026	3031	rVB3	17372	27773	3.32%	0.413%
64	21.011	3046	3050	3052	rBV5	6165	8821	1.05%	0.131%
65	21.040	3052	3055	3058	rVV3	14638	22730	2.72%	0.338%
66	21.093	3060	3064	3075	rVV7	56100	130168	15.56%	1.938%
67	21.181	3075	3079	3087	rVB5	22806	45509	5.44%	0.678%
68	21.440	3115	3123	3128	rBV3	250444	467845	55.92%	6.965%
69	21.487	3128	3131	3141	rVB	44688	81535	9.75%	1.214%
70	21.616	3150	3153	3157	rVB4	11749	16264	1.94%	0.242%
71	22.133	3239	3241	3246	rVB2	12896	20215	2.42%	0.301%
72	22.192	3246	3251	3262	rVB4	14840	39652	4.74%	0.590%
73	22.397	3283	3286	3291	rBV7	7120	11220	1.34%	0.167%
74	22.838	3356	3361	3372	rVB7	13831	37873	4.53%	0.564%
75	23.026	3389	3393	3399	rVB7	12113	23750	2.84%	0.354%
76	23.537	3473	3480	3486	rBV2	32103	89324	10.68%	1.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

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-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.784	3517	3522	3529	rBV6	11074	25539	3.05%	0.380%
78	24.224	3590	3597	3609	rVB3	18833	58185	6.95%	0.866%
79	24.366	3613	3621	3629	rVB2	27808	70740	8.45%	1.053%
80	24.512	3635	3646	3667	rBV2	155280	458932	54.85%	6.833%
81	27.985	4232	4237	4238	rBV5	8929	11067	1.32%	0.165%
82	29.084	4419	4424	4426	rBV6	5520	9263	1.11%	0.138%

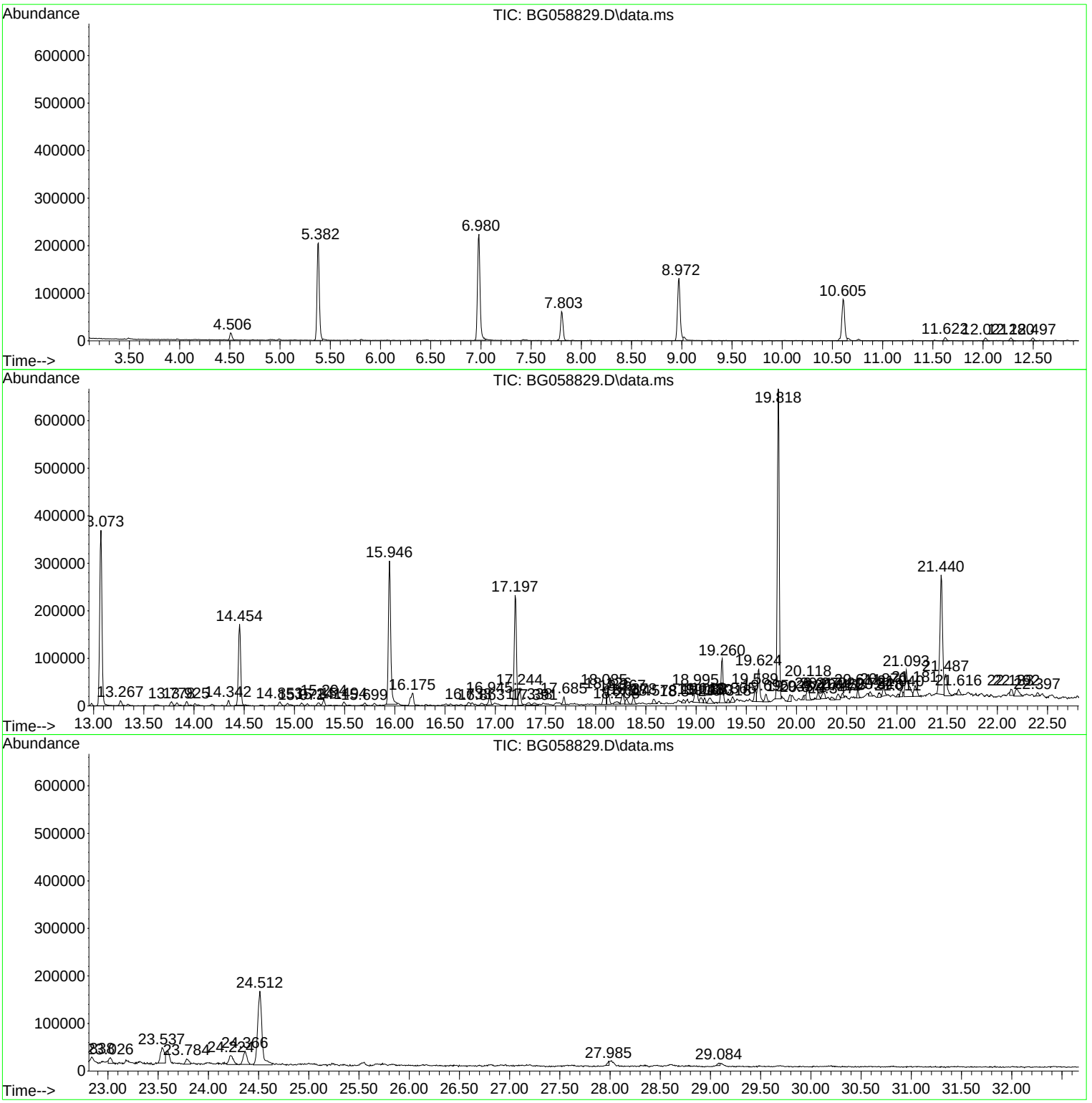
Sum of corrected areas: 6716742

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

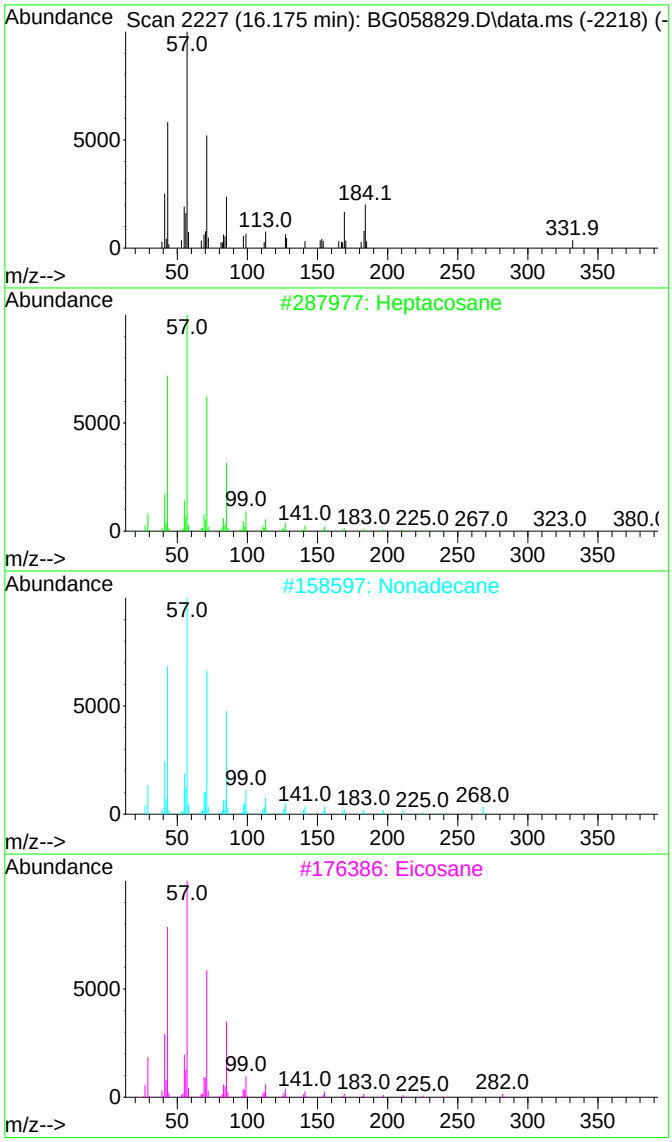
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

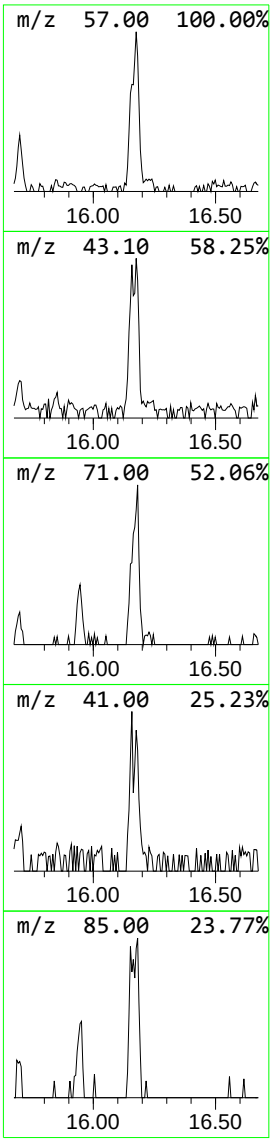
****

Peak Number 2 unknown16.175 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	3.23 ng	57710	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	47
2	Nonadecane	268	C19H40	000629-92-5	47
3	Eicosane	282	C20H42	000112-95-8	47
4	Heptadecane	240	C17H36	000629-78-7	47
5	Octacosane	394	C28H58	000630-02-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

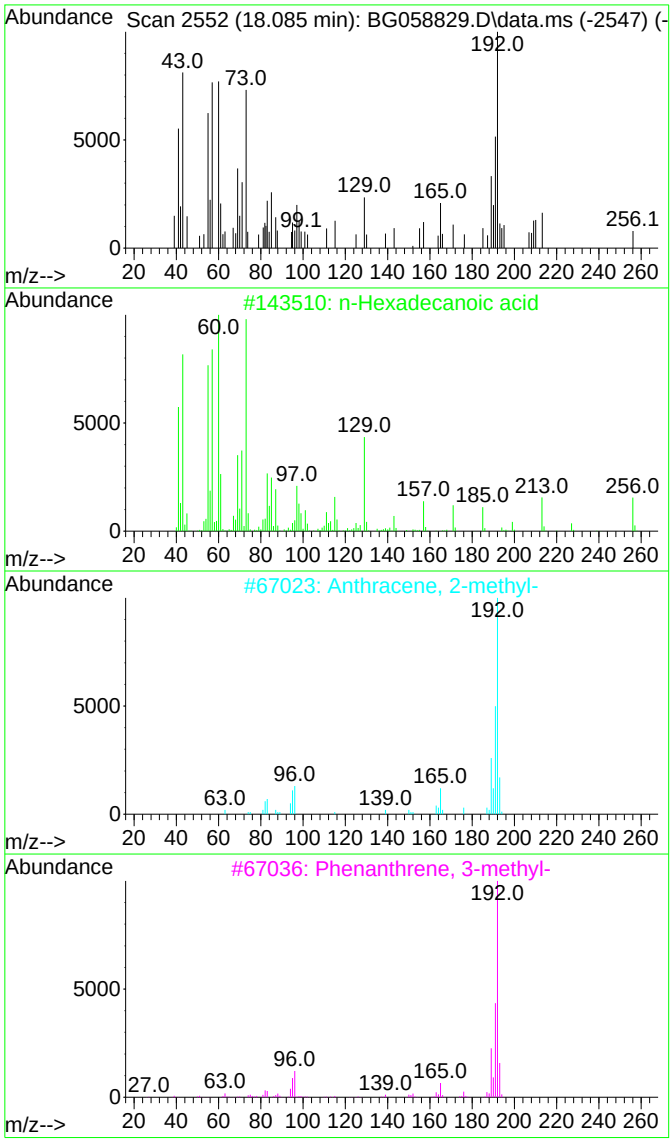
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

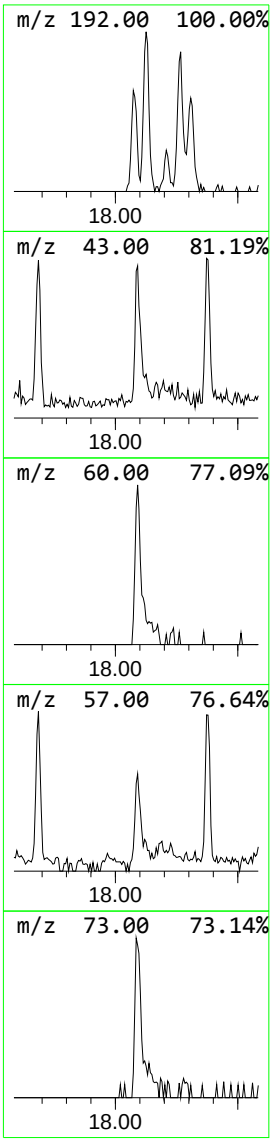
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.085	3.40 ng	60709	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

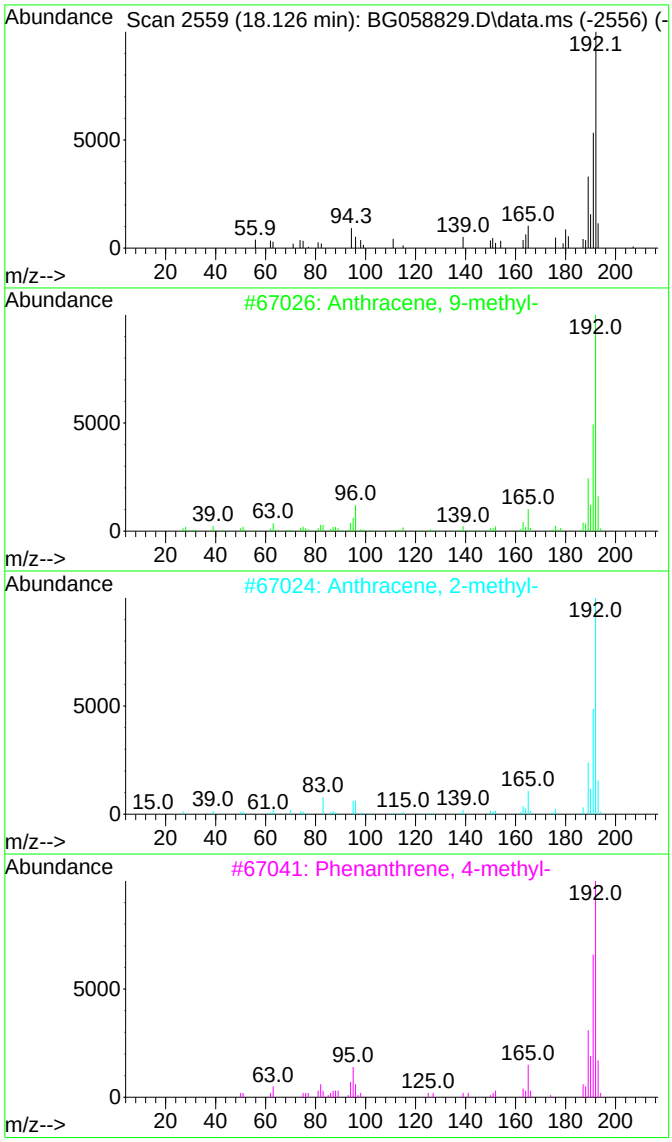
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

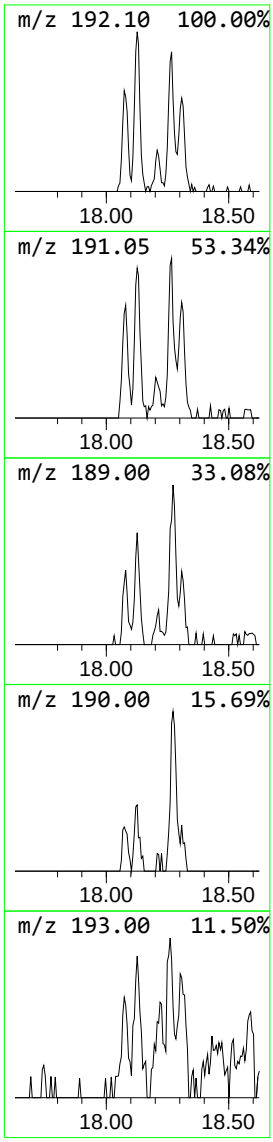
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.126	2.23 ng	39867	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

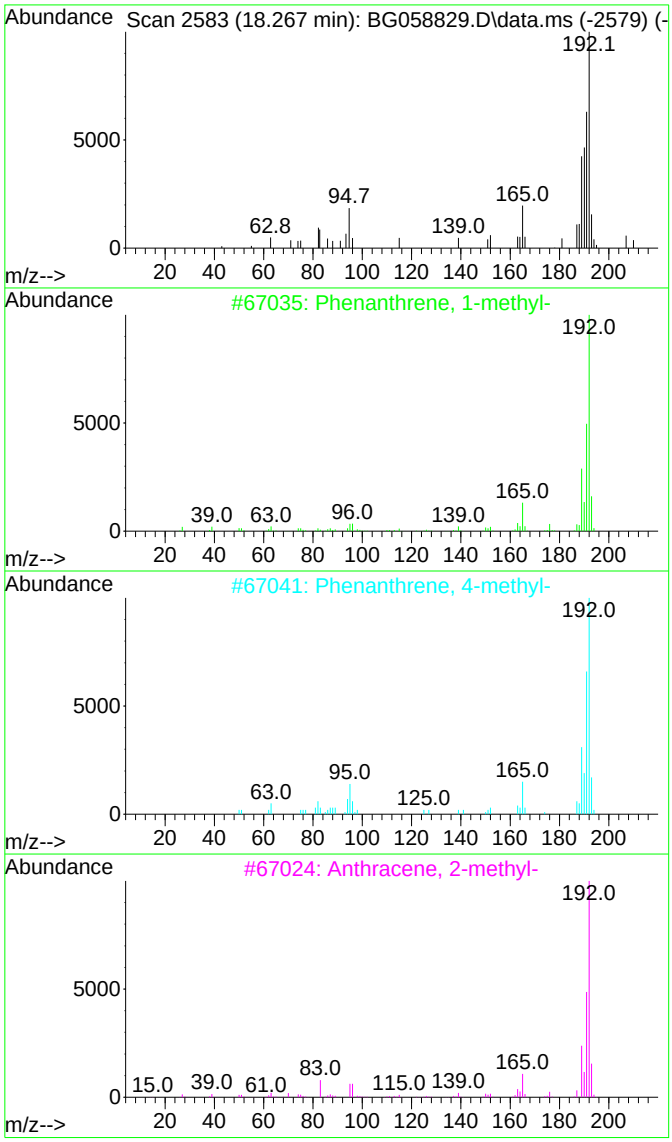
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

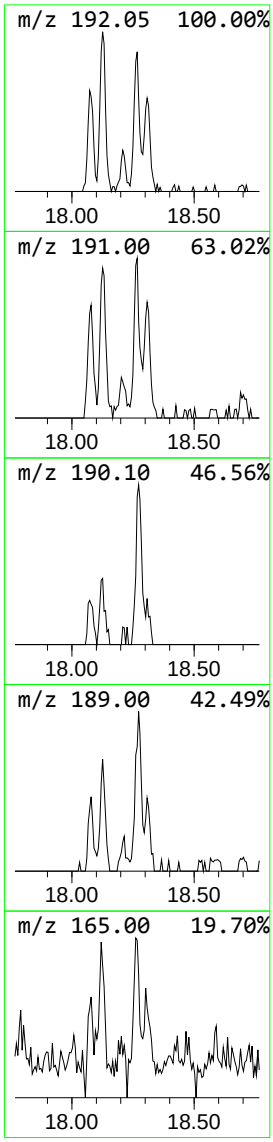
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.267	2.07 ng	36993	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

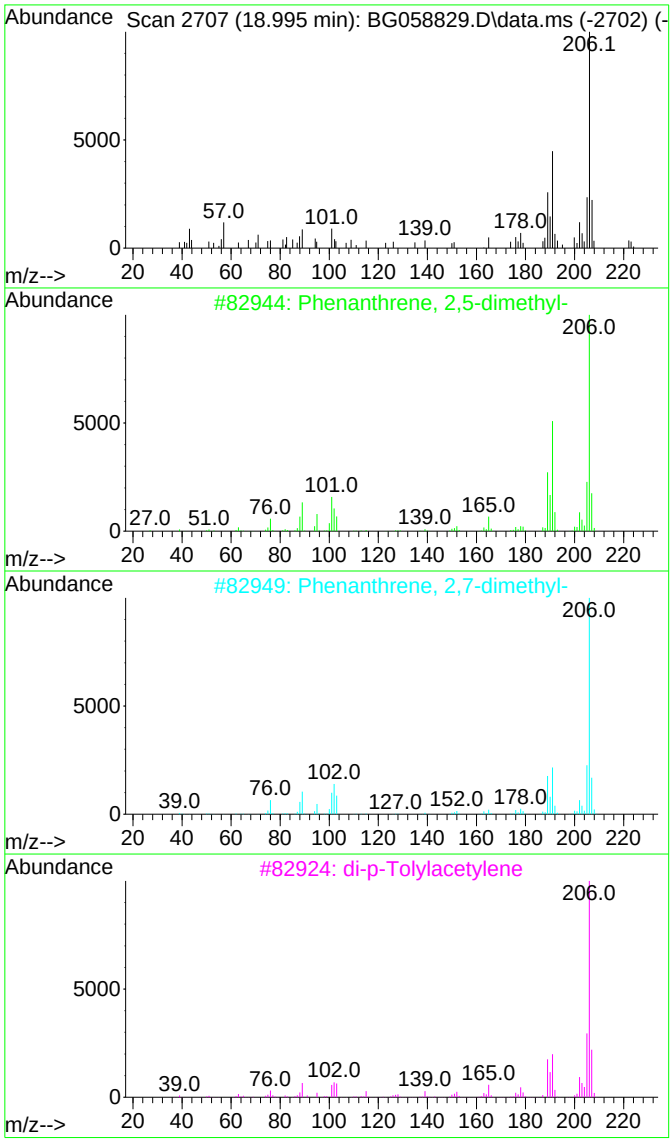
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

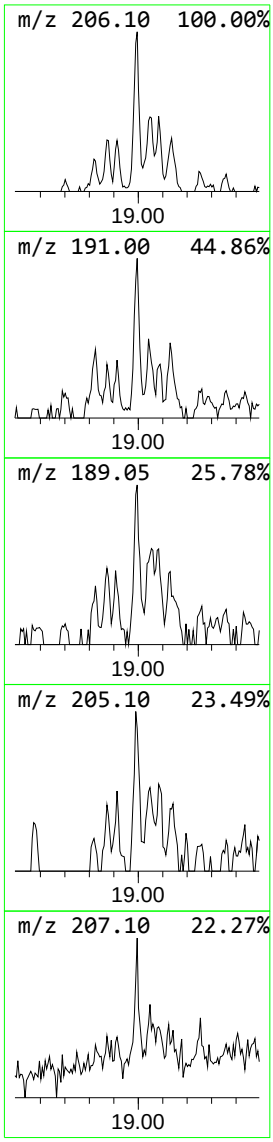
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.995	3.31 ng	59096	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

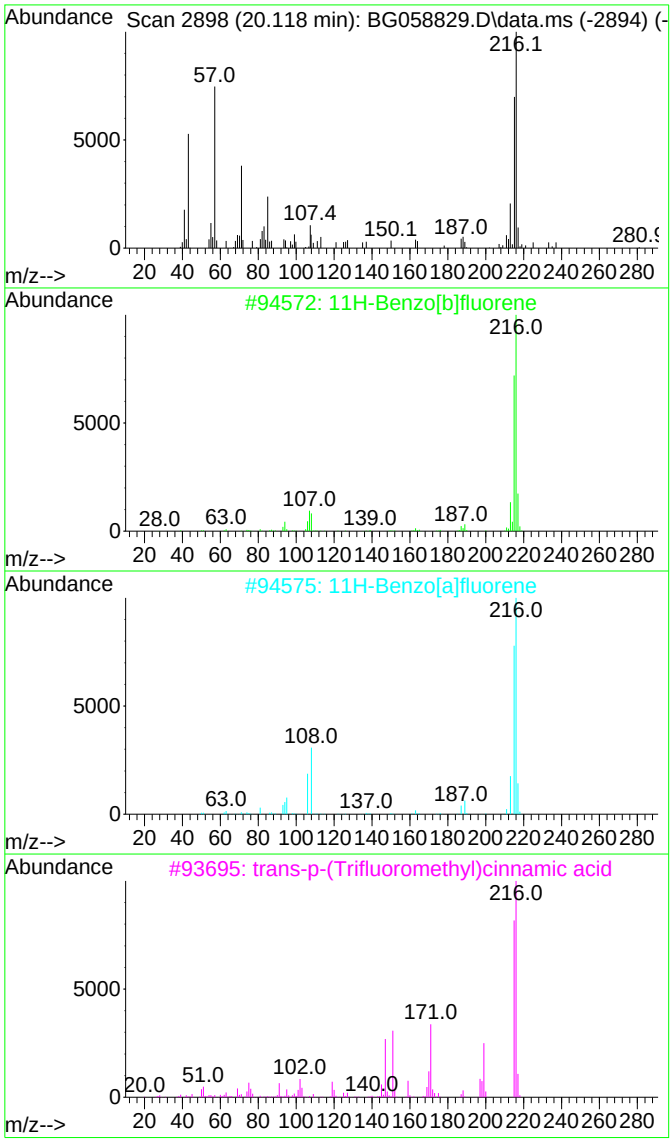
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

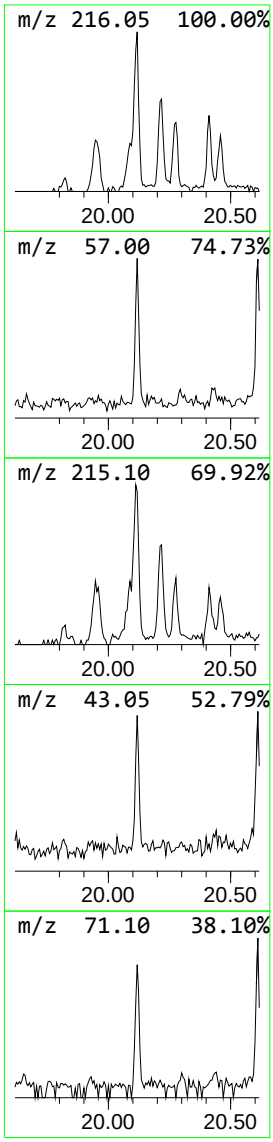
****

Peak Number 7 unknown20.118 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.118	2.44 ng	56993	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
3	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	38
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	38
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

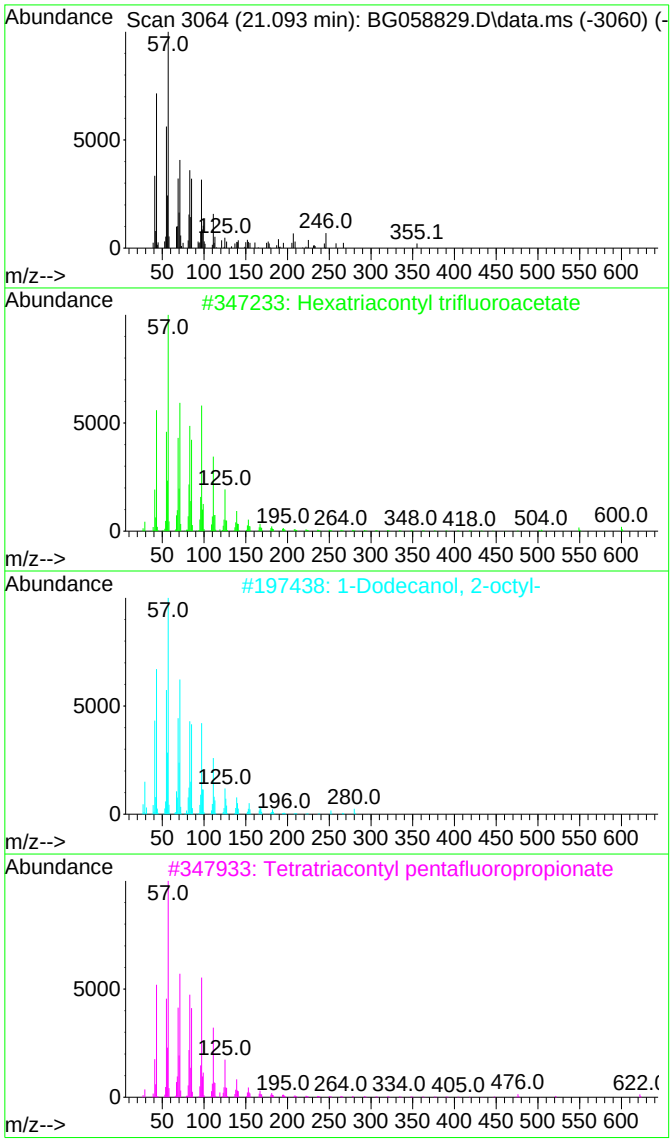
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

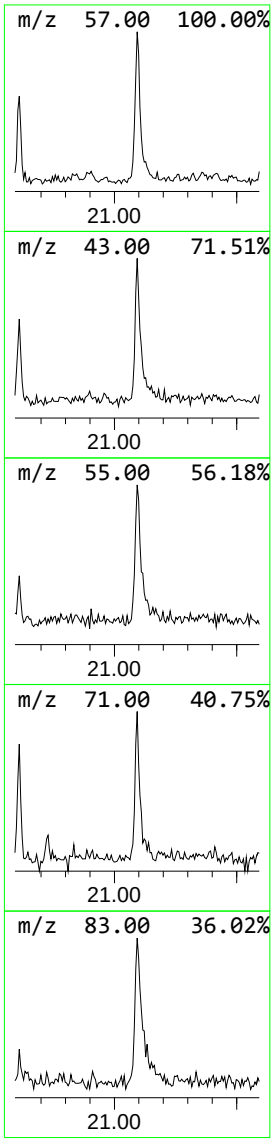
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexatriacontyl trifluoroace... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.093	5.56 ng	130168	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	90
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	90
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
5	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

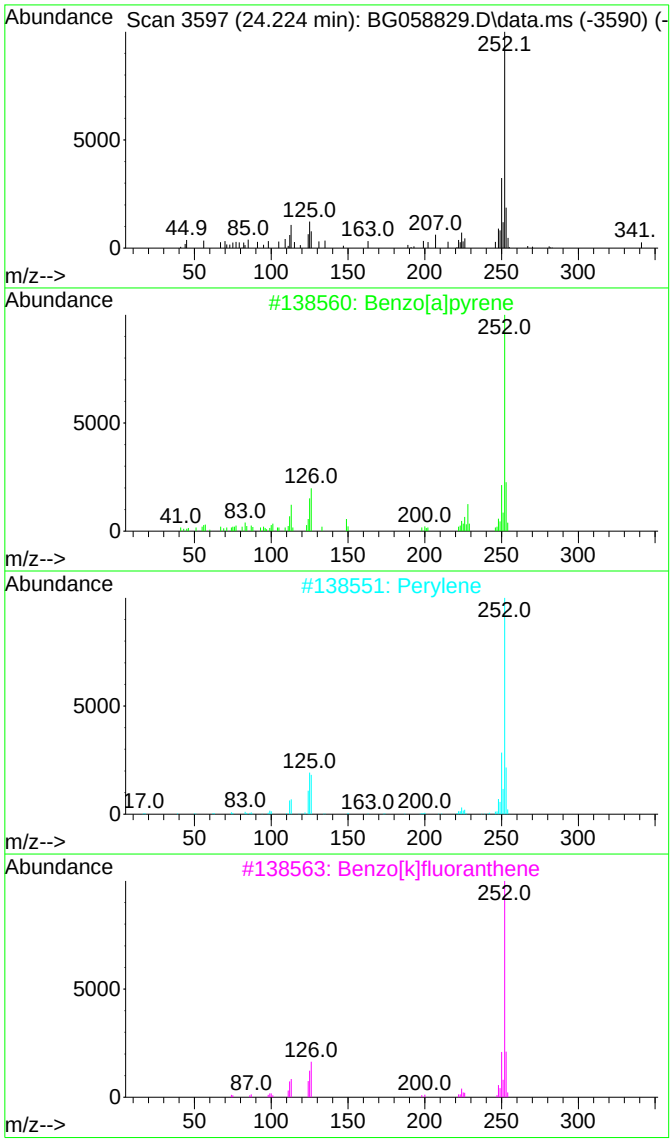
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

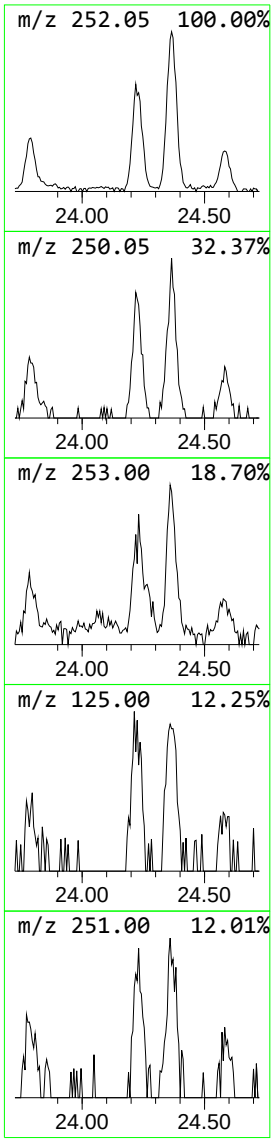
****

Peak Number 9 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.224	2.54 ng	58185	Perylene-d12	24.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	76
2	Perylene	252	C20H12	000198-55-0	70
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058829.D
Acq On : 23 Aug 2023 19:42
Operator : MA/JU
Sample : 04110-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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
unknown16.175	16.175	3.2	ng	57710	4	17.197	357454	20.0
n-Hexadecanoic ...	18.085	3.4	ng	60709	4	17.197	357454	20.0
Anthracene, 9-m...	18.126	2.2	ng	39867	4	17.197	357454	20.0
Phenanthrene, 1...	18.267	2.1	ng	36993	4	17.197	357454	20.0
Phenanthrene, 2...	18.995	3.3	ng	59096	4	17.197	357454	20.0
unknown20.118	20.118	2.4	ng	56993	5	21.439	467845	20.0
Hexatriacontyl ...	21.093	5.6	ng	130168	5	21.439	467845	20.0
Perylene	24.224	2.5	ng	58185	6	24.512	458932	20.0