LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061241.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	22	28	41	rVB	64227	116479	12.05%	1.165%
2	3.676	113	117	125	rBV2	6265	11284	1.17%	0.113%
3	5.527	425	432	440	rVB	94295	150404	15.56%	1.504%
4	7.113	695	702	711	rVB	95980	169786	17.56%	1.698%
5	7.930	835	841	848	rVB	118712	193473	20.01%	1.935%
6	9.082	1030	1037	1048	rVB	63837	114470	11.84%	1.145%
7	10.727	1308	1317	1322	rBV	150968	266583	27.57%	2.666%
8	10.774	1322	1325	1336	rVB2	32161	50200	5.19%	0.502%
9	12.384	1593	1599	1604	rBV	9348	14576	1.51%	0.146%
10	13.177	1728	1734	1742	rBV	152929	227932	23.58%	2.280%
11	14.558	1962	1969	1975	rBV	239159	358513	37.08%	3.586%
12	14.622	1975	1980	1987	rVB	89891	134092	13.87%	1.341%
13	14.957	2032	2037	2042	rBV	28473	41642	4.31%	0.416%
14	15.609	2141	2148	2158	rVB	55831	83121	8.60%	0.831%
15	15.774	2172	2176	2181	rVB4	6988	9902	1.02%	0.099%
16	15.897	2194	2197	2207	rVB	7113	11554	1.20%	0.116%
17	16.050	2217	2223	2231	rBV	123842	196095	20.28%	1.961%
18	16.614	2316	2319	2323	rVV4	7020	10858	1.12%	0.109%
19	16.961	2373	2378	2383	rVB2	9184	14595	1.51%	0.146%
20	17.055	2386	2394	2399	rBV5	6755	15675	1.62%	0.157%
21	17.125	2399	2406	2415	rVB2	19211	30074	3.11%	0.301%
22	17.307	2431	2437	2441	rBV	289596	460311	47.61%	4.604%
23	17.348	2441	2444	2451	rVV	421793	596902	61.74%	5.970%
24	17.442	2451	2460	2465	rVV	105927	174018	18.00%	1.740%
25	17.501	2465	2470	2481	rVB	13789	23388	2.42%	0.234%
26	17.713	2496	2506	2515	rBV2	47095	87803	9.08%	0.878%
27	17.824	2520	2525	2532	rVV8	7099	11184	1.16%	0.112%
28	18.183	2576	2586	2590	rBV2	33442	53292	5.51%	0.533%
29	18.236	2590	2595	2601	rVV	48844	74000	7.65%	0.740%
30	18.312	2601	2608	2613	rVV	18222	28752	2.97%	0.288%
31	18.383	2613	2620	2624	rVV2	70605	126211	13.05%	1.262%
32	18.412	2624	2625	2631	rVB2	20832	23324	2.41%	0.233%
33	18.682	2666	2671	2675	rBV	31136	43419	4.49%	0.434%
34	18.729	2675	2679	2685	rVV2	23944	33918	3.51%	0.339%
35	18.935	2708	2714	2717	rBV5	7774	10928	1.13%	0.109%
36	19.017	2725	2728	2734	rVB6	6303	10145	1.05%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.099	2738	2742	2748	rBV4	13699	29194	3.02%	0.292%
38	19.164	2748	2753	2757	rBV8	9330	14342	1.48%	0.143%
39	19.246	2761	2767	2770	rBV5	14543	24106	2.49%	0.241%
40	19.364	2781	2787	2793	rBV	599330	838391	86.72%	8.385%
41	19.422	2794	2797	2800	rVV4	6980	10647	1.10%	0.106%
42	19.458	2800	2803	2807	rVB2	13679	19737	2.04%	0.197%
43	19.558	2816	2820	2822	rBV5	6575	9863	1.02%	0.099%
44	19.605	2824	2828	2833	rVV	13631	22724	2.35%	0.227%
45	19.728	2845	2849	2857	rVB	451148	669438	69.24%	6.695%
46	19.799	2857	2861	2868	rVB3	25137	40172	4.16%	0.402%
47	19.922	2875	2882	2886	rBV2	278498	401384	41.52%	4.014%
48	19.963	2886	2889	2897	rVB	29038	43547	4.50%	0.436%
49	20.051	2898	2904	2910	rVV5	24452	63192	6.54%	0.632%
50	20.104	2910	2913	2918	rVB	13828	19123	1.98%	0.191%
51	20.180	2921	2926	2927	rVV4	23330	33566	3.47%	0.336%
52	20.222	2928	2933	2938	rVB	90944	142410	14.73%	1.424%
53	20.321	2945	2950	2953	rBV	92778	128149	13.25%	1.282%
54	20.374	2953	2959	2963	rVV2	42622	81784	8.46%	0.818%
55	20.415	2963	2966	2969	rVB	31933	38820	4.02%	0.388%
56	20.457	2971	2973	2980	rVB7	11848	19831	2.05%	0.198%
57	20.521	2980	2984	2987	rBV	20775	32256	3.34%	0.323%
58	20.562	2988	2991	2994	rVB3	23003	28769	2.98%	0.288%
59	21.156	3087	3092	3096	rBV3	38498	65992	6.83%	0.660%
60	21.197	3096	3099	3102	rVV	36364	47056	4.87%	0.471%
61	21.244	3103	3107	3112	rVB4	36597	71148	7.36%	0.712%
62	21.561	3154	3161	3166	rBV3	394937	966834	100.00%	9.670%
63	21.614	3166	3170	3178	rVB	239175	389103	40.25%	3.892%
64	21.761	3191	3195	3202	rVB3	55118	88121	9.11%	0.881%
65	21.967	3226	3230	3237	rVB3	34589	64841	6.71%	0.649%
66	23.706	3519	3526	3533	rBV	154665	480279	49.68%	4.804%
67	24.399	3639	3644	3657	rVB	83203	250809	25.94%	2.508%
68	24.546	3662	3669	3684	rVB2	134060	368463	38.11%	3.685%
69	24.693	3686	3694	3702	rBV	183504	515487	53.32%	5.156%

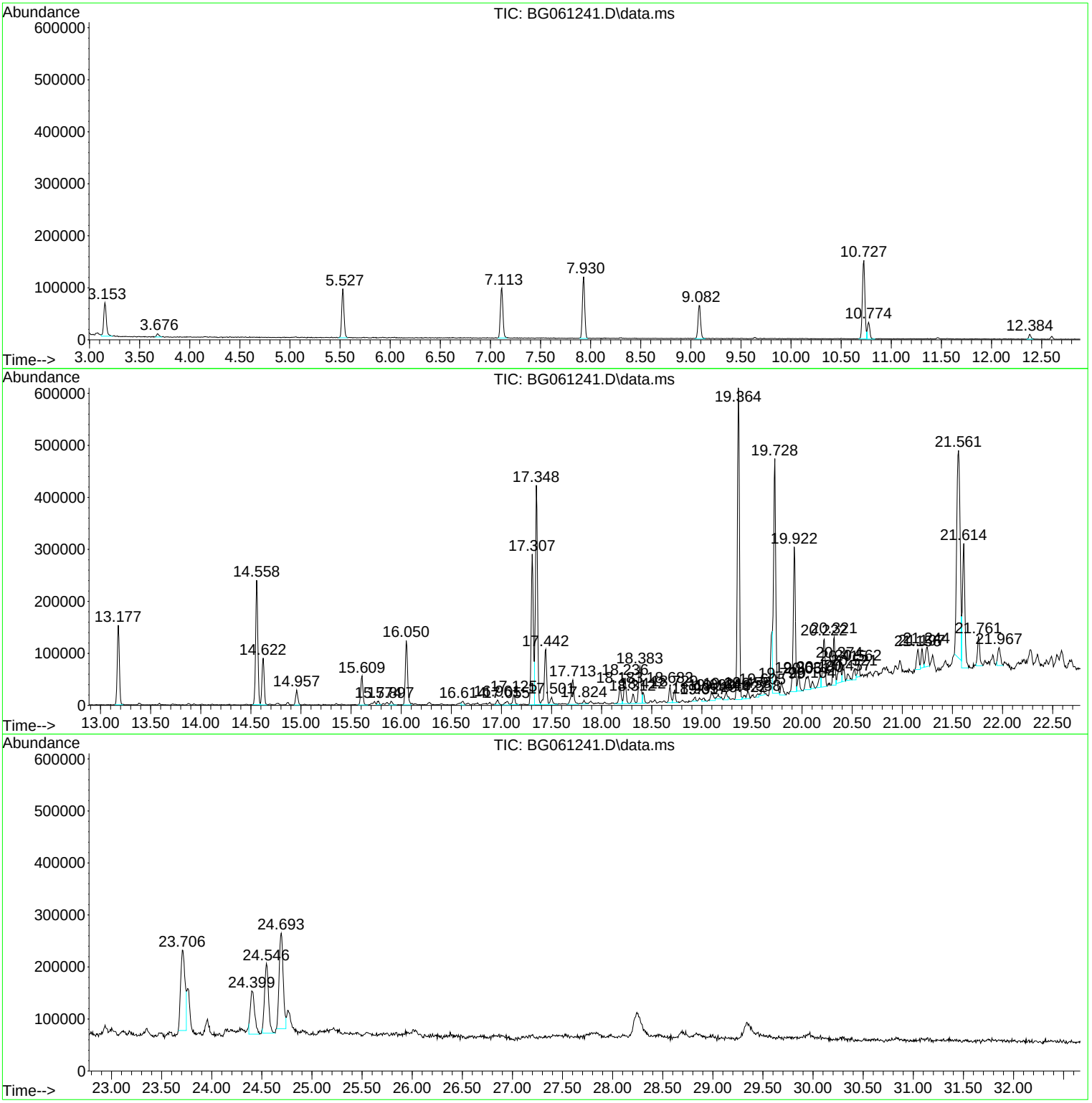
Sum of corrected areas: 9998481

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

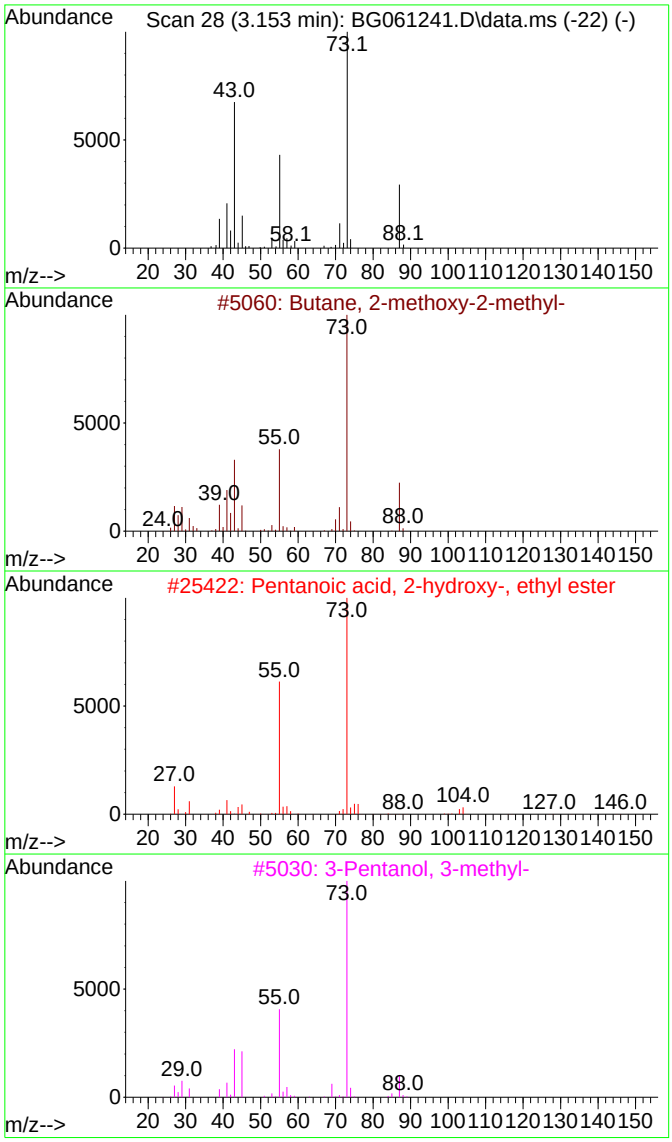
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

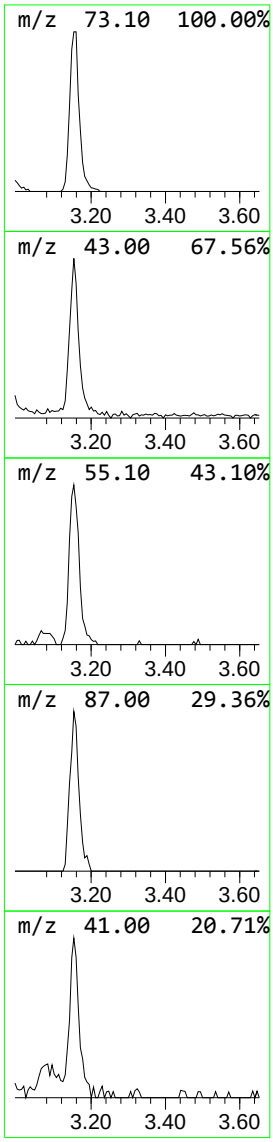
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	12.04 ng	116479	1,4-Dichlorobenzene-d4	7.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	37
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

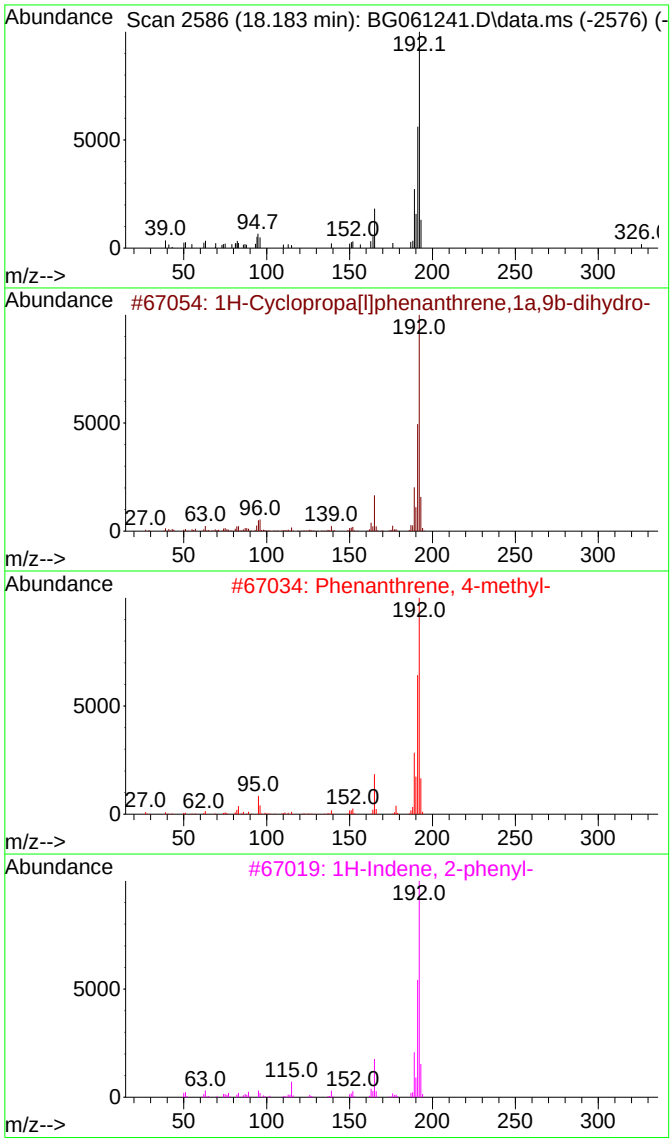
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

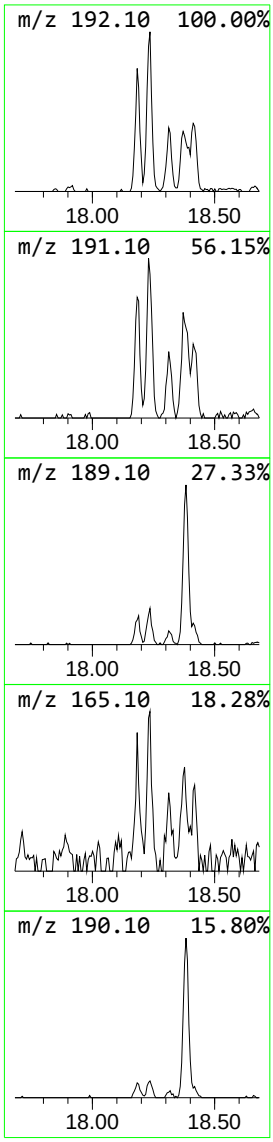
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.183	2.32 ng	53292	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

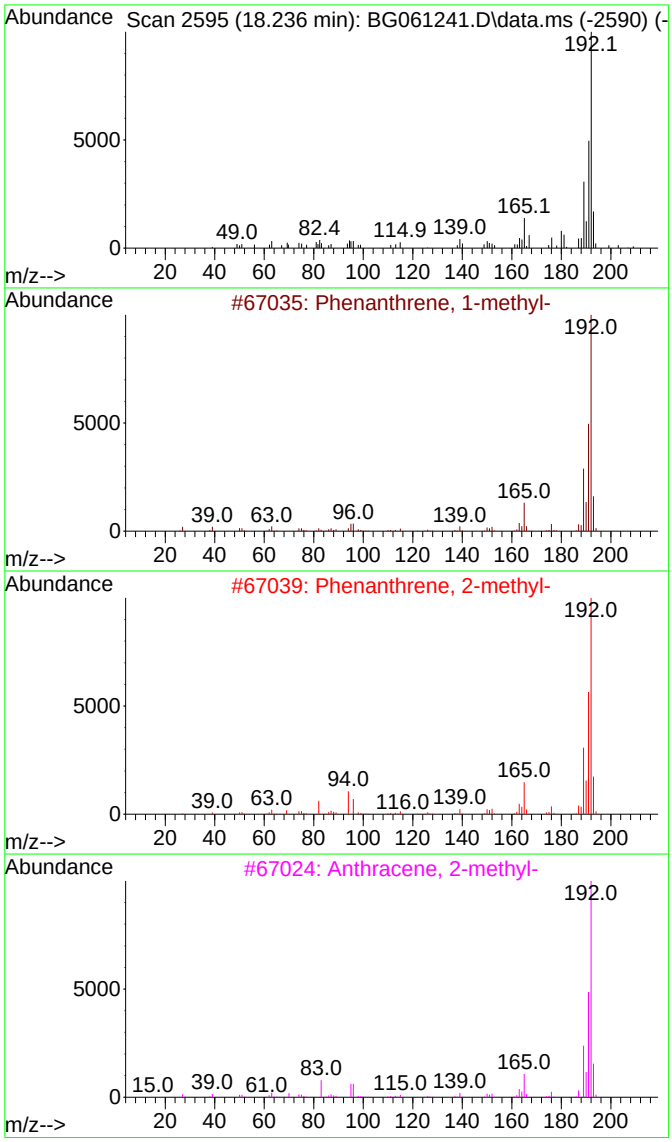
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

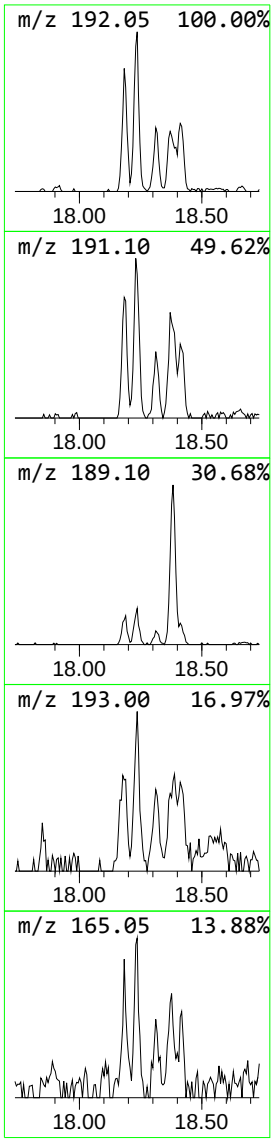
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	3.22 ng	74000	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

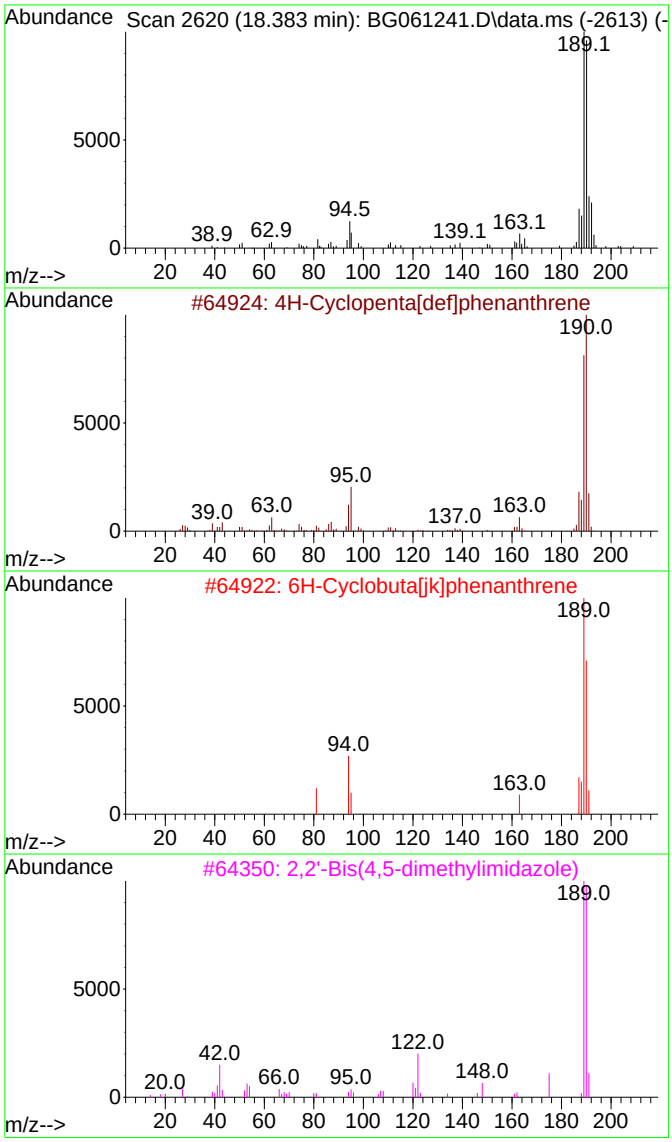
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

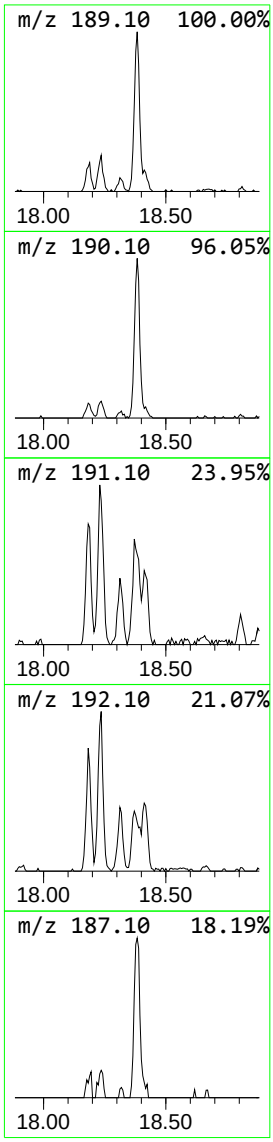
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.383	5.48 ng	126211	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

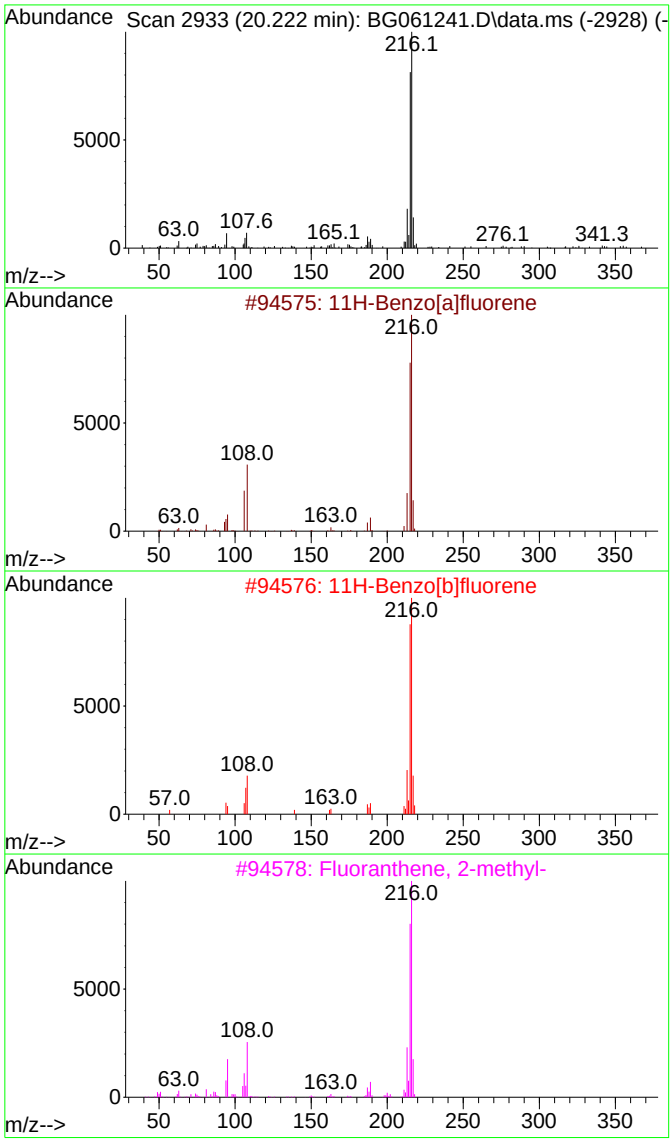
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

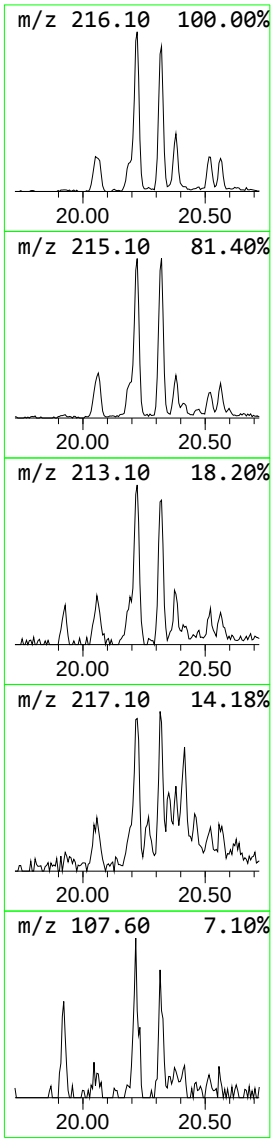
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.222	2.95 ng	142410	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	80
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

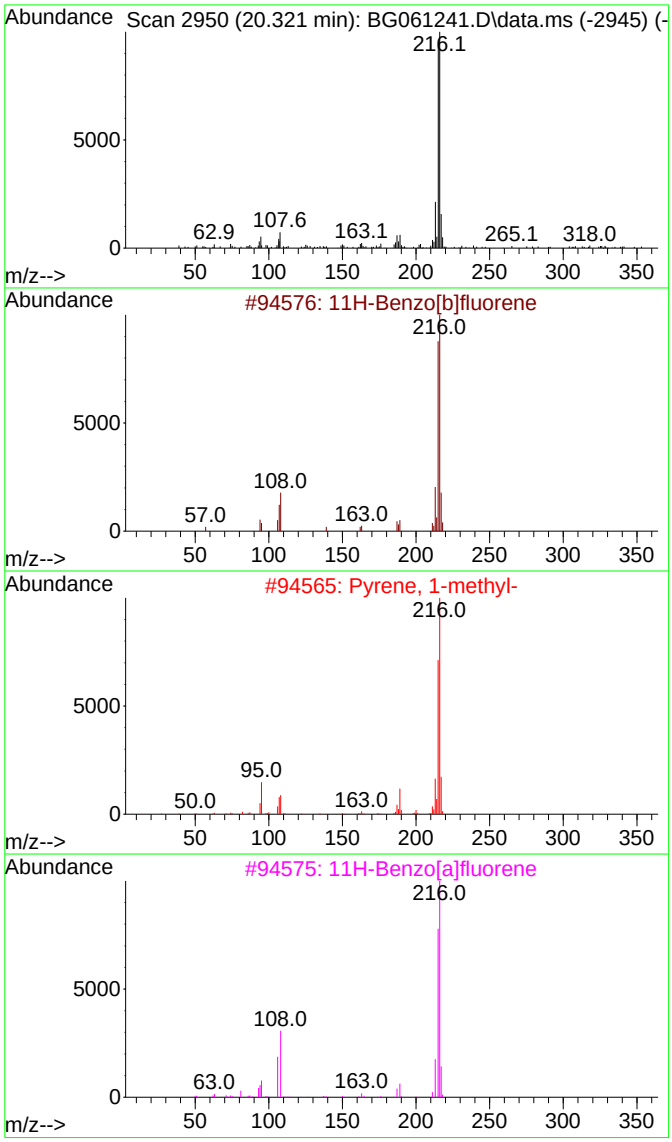
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

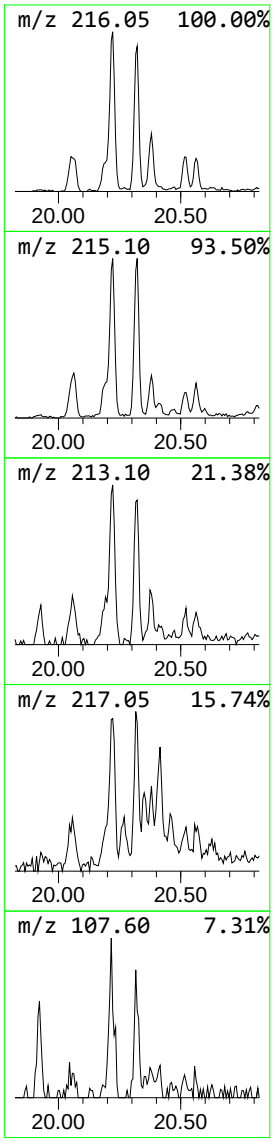
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.321	2.65 ng	128149	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

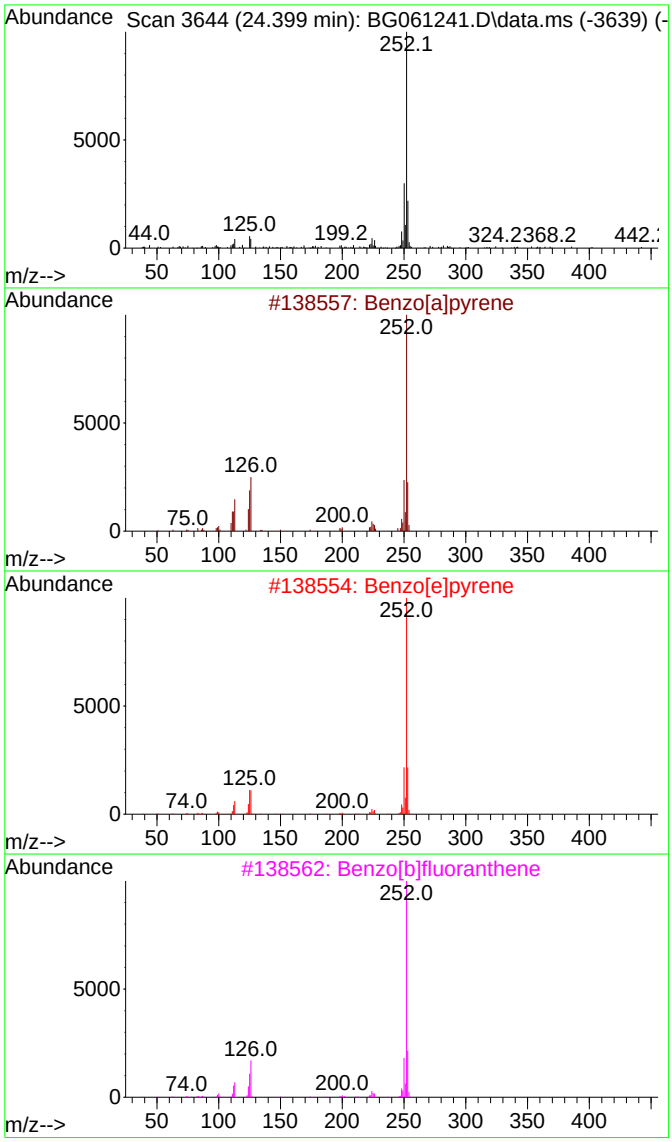
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

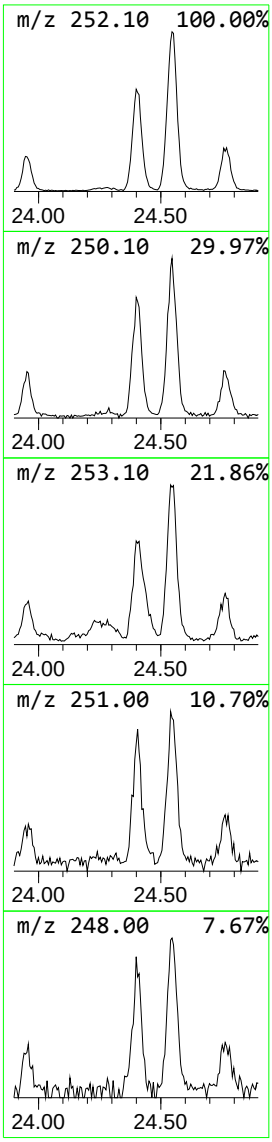
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.399	9.73 ng	250809	Perylene-d12	24.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061241.D
Acq On : 17 May 2024 16:32
Operator : MA/JU
Sample : P2482-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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
Butane, 2-metho...	3.153	12.0	ng	116479	1	7.930	193473	20.0
1H-Cyclopropa[l...	18.183	2.3	ng	53292	4	17.307	460311	20.0
Phenanthrene, 1...	18.236	3.2	ng	74000	4	17.307	460311	20.0
4H-Cyclopenta[d...	18.383	5.5	ng	126211	4	17.307	460311	20.0
11H-Benzo[a]flu...	20.222	3.0	ng	142410	5	21.567	966834	20.0
11H-Benzo[b]flu...	20.321	2.6	ng	128149	5	21.567	966834	20.0
Benzo[e]pyrene	24.399	9.7	ng	250809	6	24.693	515487	20.0