LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.690	383	392	401	rBV	209919	360451	35.25%	3.262%
2	6.818	577	584	590	rBV4	12764	22451	2.20%	0.203%
3	7.123	630	636	642	rVB4	16447	29161	2.85%	0.264%
4	7.276	654	662	671	rBV	233893	421668	41.23%	3.816%
5	7.576	707	713	720	rBV5	8818	16591	1.62%	0.150%
6	8.128	800	807	814	rBV	163255	275551	26.94%	2.494%
7	9.285	997	1004	1013	rBV	149557	270684	26.47%	2.450%
8	10.942	1275	1286	1292	rBV	213948	398818	39.00%	3.609%
9	12.287	1510	1515	1520	rBV3	7547	12099	1.18%	0.110%
10	12.581	1558	1565	1571	rVB3	5909	10904	1.07%	0.099%
11	13.374	1693	1700	1706	rVB	375850	595599	58.24%	5.390%
12	13.568	1723	1733	1738	rBV5	11234	24895	2.43%	0.225%
13	14.079	1815	1820	1824	rBV6	9196	17773	1.74%	0.161%
14	14.220	1839	1844	1849	rVB7	5975	10406	1.02%	0.094%
15	14.472	1882	1887	1893	rBV3	11475	20726	2.03%	0.188%
16	14.637	1911	1915	1919	rVB4	8558	13017	1.27%	0.118%
17	14.748	1928	1934	1940	rVV	330050	522307	51.07%	4.727%
18	14.813	1940	1945	1951	rVB3	24055	41660	4.07%	0.377%
19	15.142	1996	2001	2006	rVB2	19555	33149	3.24%	0.300%
20	15.583	2072	2076	2080	rVB3	10806	15035	1.47%	0.136%
21	15.635	2080	2085	2090	rVB6	5953	10851	1.06%	0.098%
22	15.794	2105	2112	2118	rBV	35296	60351	5.90%	0.546%
23	15.964	2135	2141	2143	rVV6	6290	10445	1.02%	0.095%
24	15.988	2143	2145	2150	rVB6	8203	12576	1.23%	0.114%
25	16.082	2158	2161	2166	rVB5	9991	16764	1.64%	0.152%
26	16.229	2179	2186	2195	rVB	296951	457159	44.70%	4.137%
27	16.446	2218	2223	2225	rBV3	16692	27854	2.72%	0.252%
28	16.470	2225	2227	2231	rVB5	16498	19875	1.94%	0.180%
29	16.787	2276	2281	2287	rBV8	13157	26473	2.59%	0.240%
30	16.840	2287	2290	2295	rVB6	8553	10410	1.02%	0.094%
31	16.992	2313	2316	2319	rBV4	7372	12351	1.21%	0.112%
32	17.233	2352	2357	2362	rBV6	16954	30648	3.00%	0.277%
33	17.310	2362	2370	2379	rVB2	20508	55984	5.47%	0.507%
34	17.492	2395	2401	2405	rBV	380805	608840	59.54%	5.510%
35	17.533	2405	2408	2417	rVV	248381	367337	35.92%	3.325%
36	17.621	2419	2423	2429	rVB	57932	93788	9.17%	0.849%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.680	2429	2433	2438	rBV5	15966	30470	2.98%	0.276%
38	17.885	2462	2468	2473	rBV	31984	59121	5.78%	0.535%
39	17.974	2481	2483	2487	rVB2	15142	15768	1.54%	0.143%
40	18.332	2539	2544	2545	rBV5	9099	15972	1.56%	0.145%
41	18.367	2546	2550	2555	rVV	48003	81225	7.94%	0.735%
42	18.414	2555	2558	2562	rVB2	55898	73697	7.21%	0.667%
43	18.496	2568	2572	2576	rVB2	17102	25349	2.48%	0.229%
44	18.561	2578	2583	2587	rBV4	65253	120901	11.82%	1.094%
45	18.661	2597	2600	2603	rBV3	23588	33317	3.26%	0.302%
46	18.861	2630	2634	2637	rBV	32349	44076	4.31%	0.399%
47	18.902	2637	2641	2647	rVB6	21599	38989	3.81%	0.353%
48	19.160	2681	2685	2687	rBV4	14133	16614	1.62%	0.150%
49	19.283	2700	2706	2707	rBV4	34641	62447	6.11%	0.565%
50	19.419	2725	2729	2733	rBV3	25274	42972	4.20%	0.389%
51	19.536	2744	2749	2755	rBV	488965	723752	70.77%	6.550%
52	19.865	2801	2805	2807	rBV	95155	138594	13.55%	1.254%
53	19.900	2807	2811	2819	rVB	451570	655727	64.12%	5.935%
54	20.088	2838	2843	2848	rVB	515311	702783	68.72%	6.361%
55	20.223	2860	2866	2872	rBV5	42544	111577	10.91%	1.010%
56	20.388	2891	2894	2899	rVB	91800	119910	11.73%	1.085%
57	20.488	2908	2911	2916	rVB	61209	81476	7.97%	0.737%
58	21.774	3122	3130	3135	rBV2	380738	1022647	100.00%	9.255%
59	21.821	3135	3138	3148	rVB	218664	355105	34.72%	3.214%
60	24.030	3507	3514	3522	rBV2	189200	623719	60.99%	5.645%
61	24.929	3660	3667	3682	rVB	155184	456324	44.62%	4.130%
62	25.082	3686	3693	3702	rBV2	156881	461992	45.18%	4.181%

Sum of corrected areas: 11049175

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
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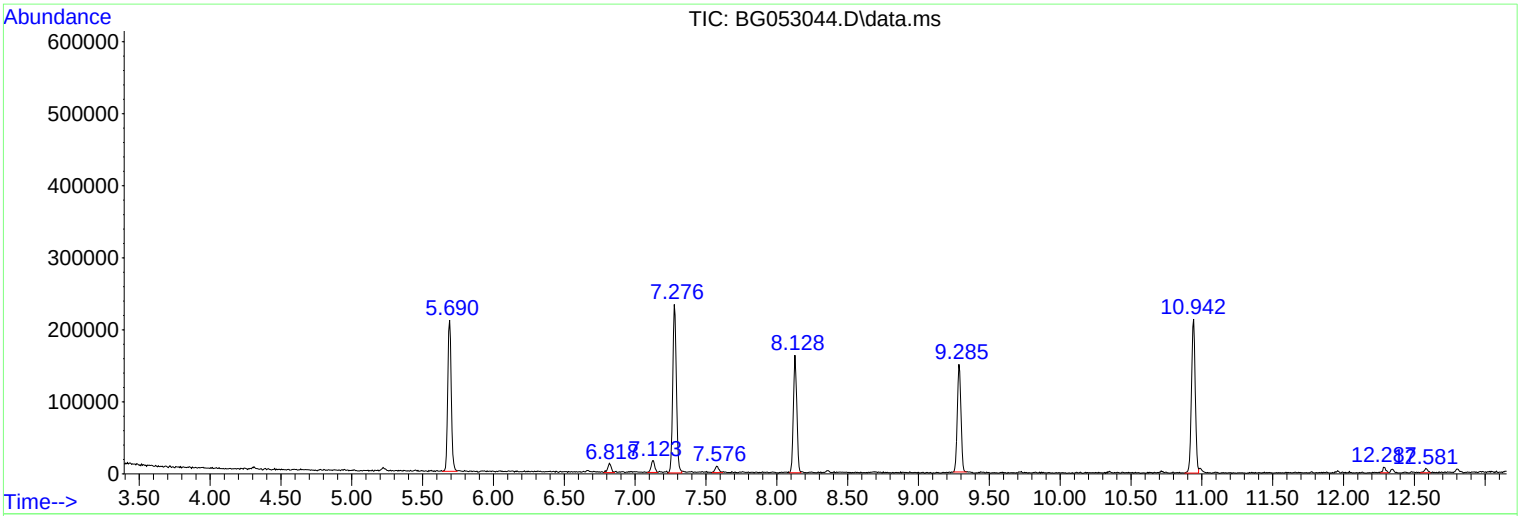
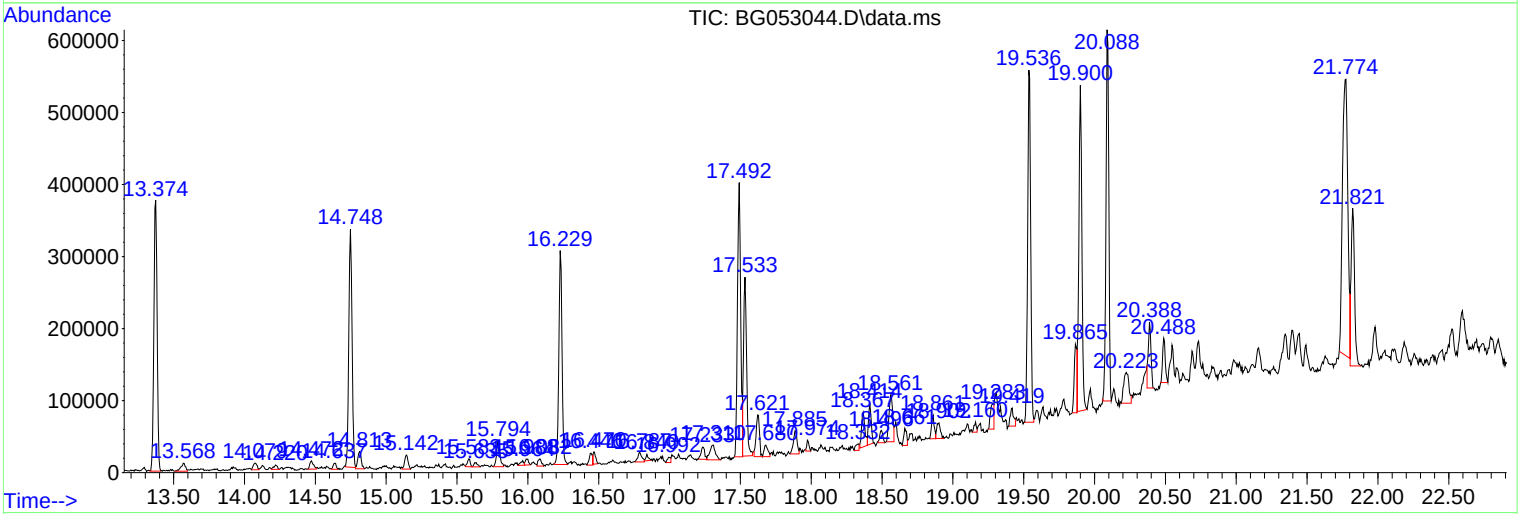
Misc :
ALS Vial : 12 Sample Multiplier: 1

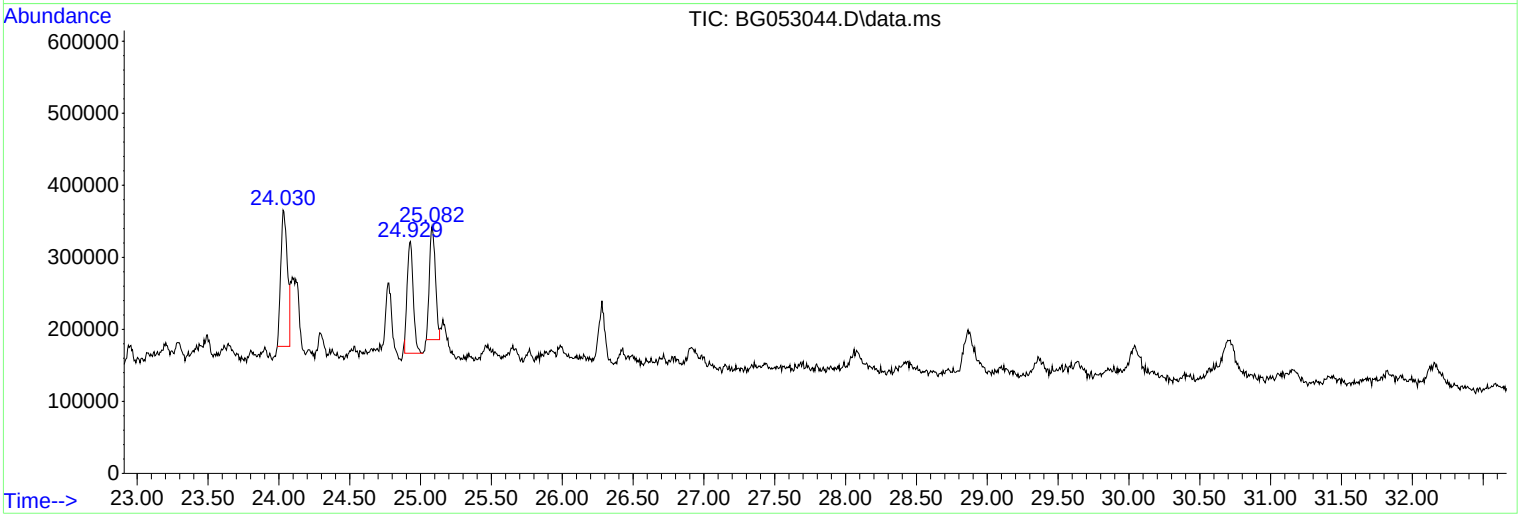
Instrument :
BNA_G
ClientSampleId :
OK-01-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
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Instrument :
BNA_G
ClientSampleId :
OK-01-040422

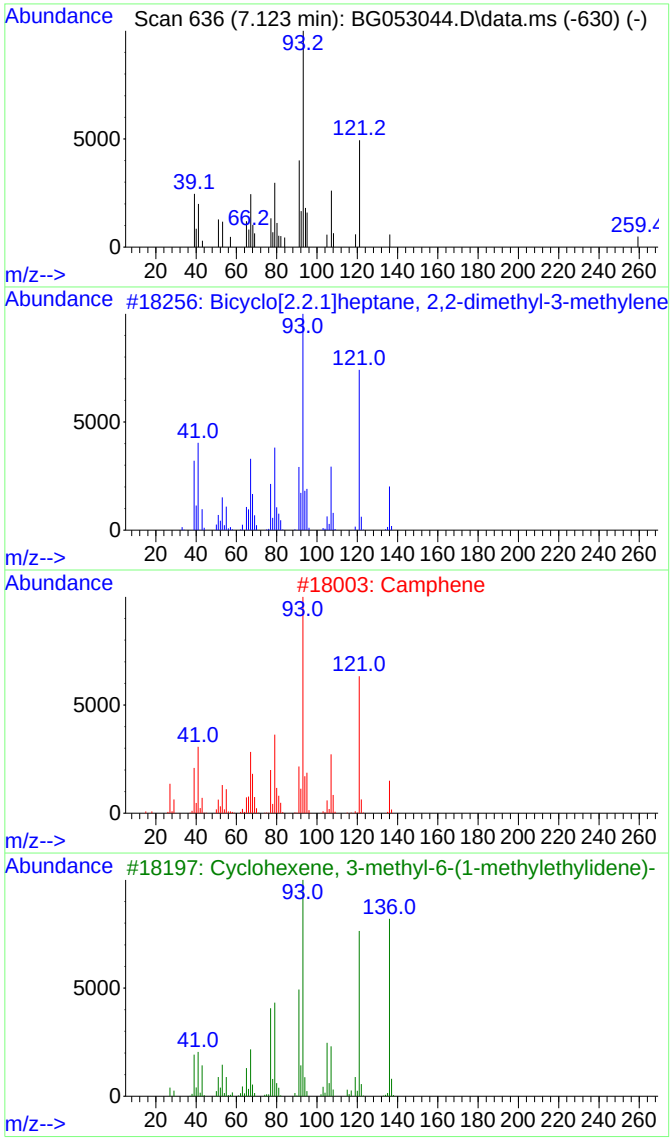
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

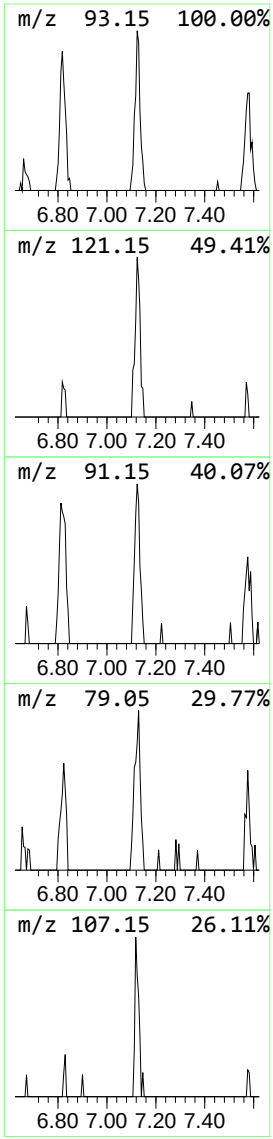
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.123	2.12 ng	29161	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	95
2	Camphene	136	C10H16	000079-92-5	95
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	59
4	Acetic acid, 1-methyl-3-(2,6,6-t...	238	C15H26O2	1000192-15-8	59
5	.beta.-Pinene	136	C10H16	000127-91-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

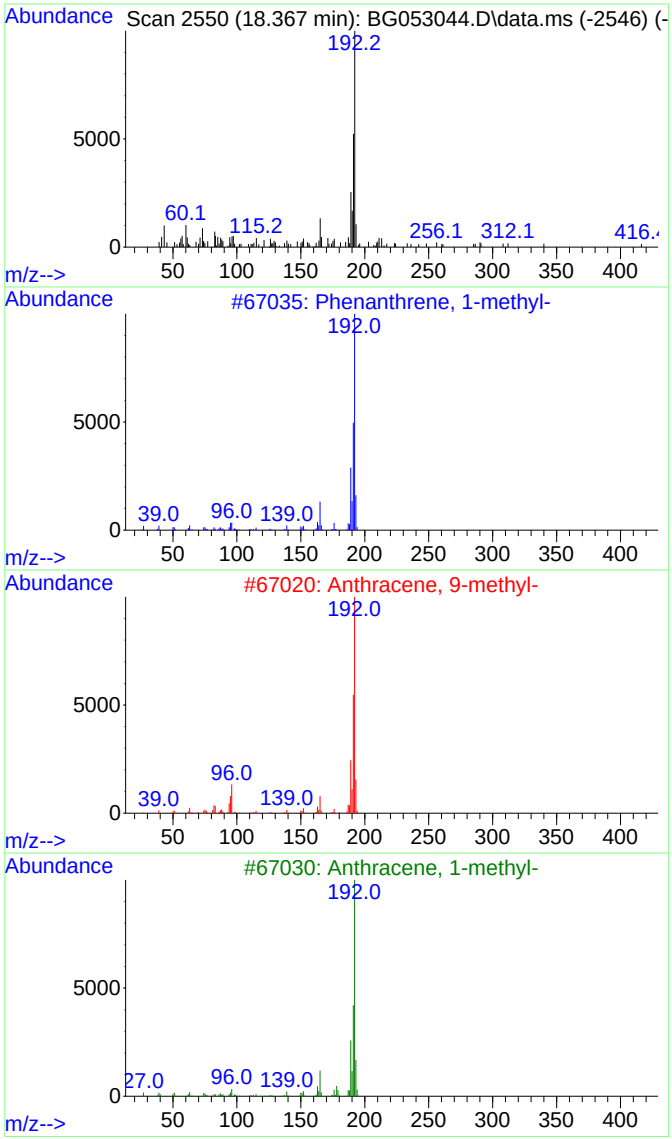
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

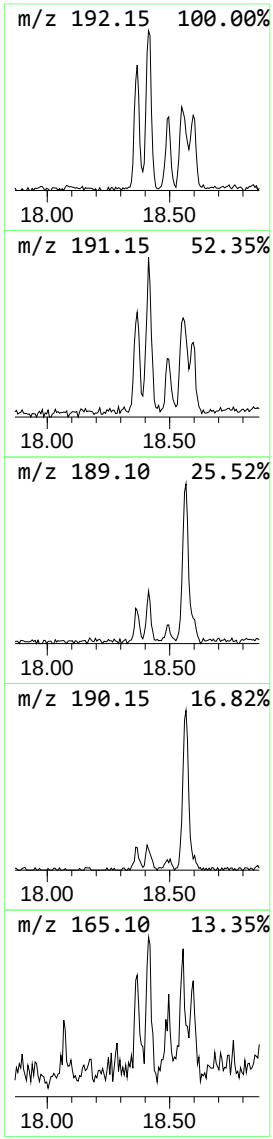
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	2.67 ng	81225	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

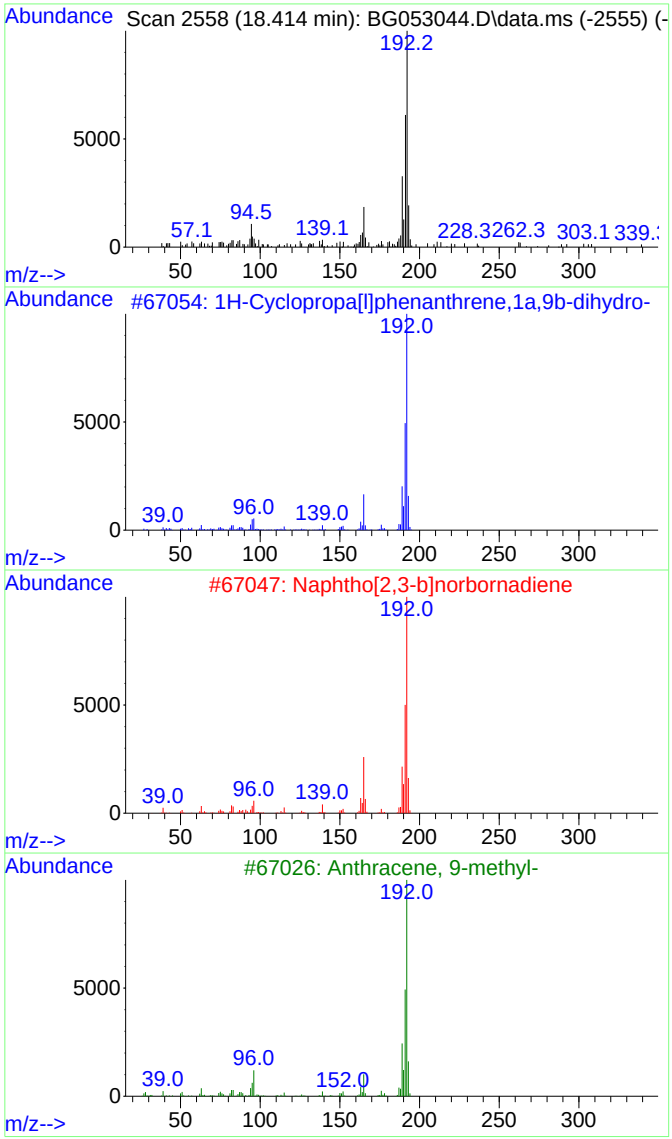
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

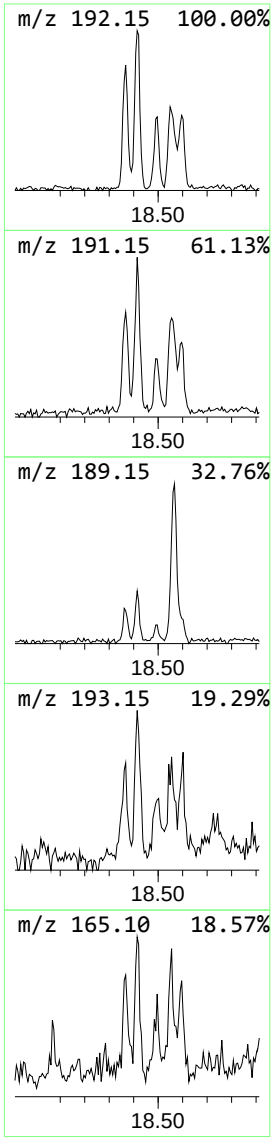
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.414	2.42 ng	73697	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

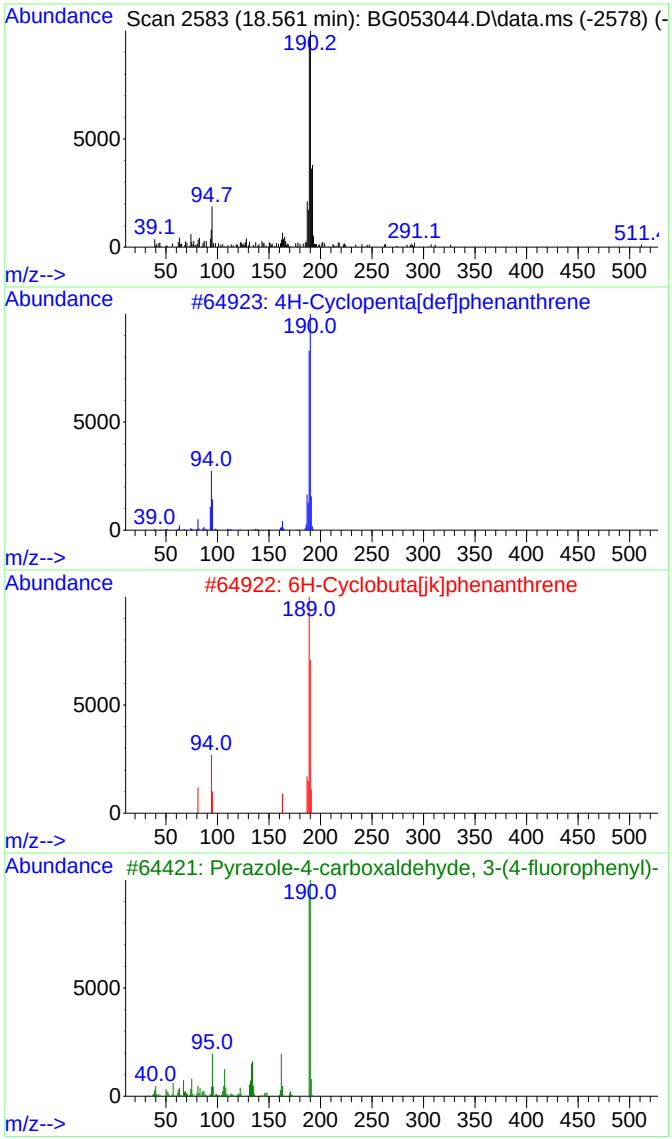
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

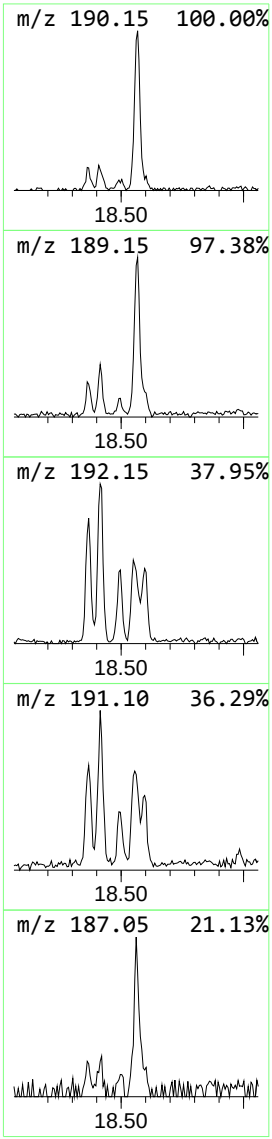
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.561	3.97 ng	120901	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
5	Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

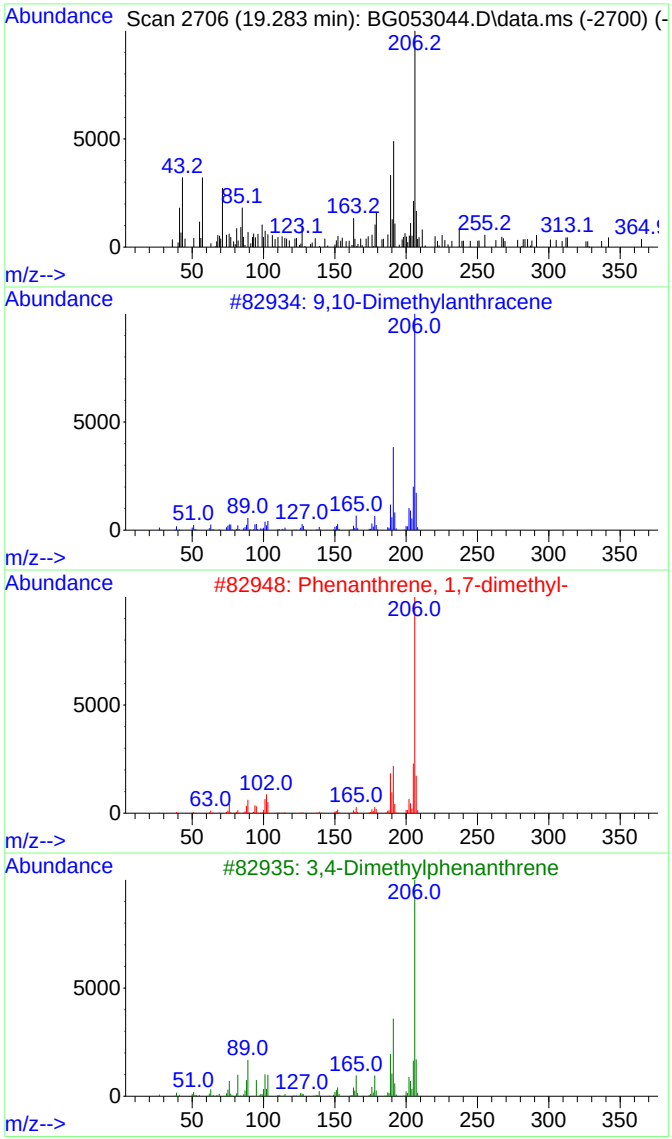
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

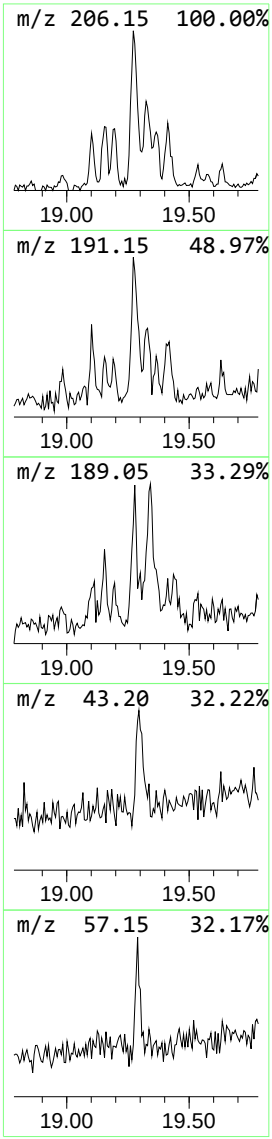
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.284	2.05 ng	62447	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

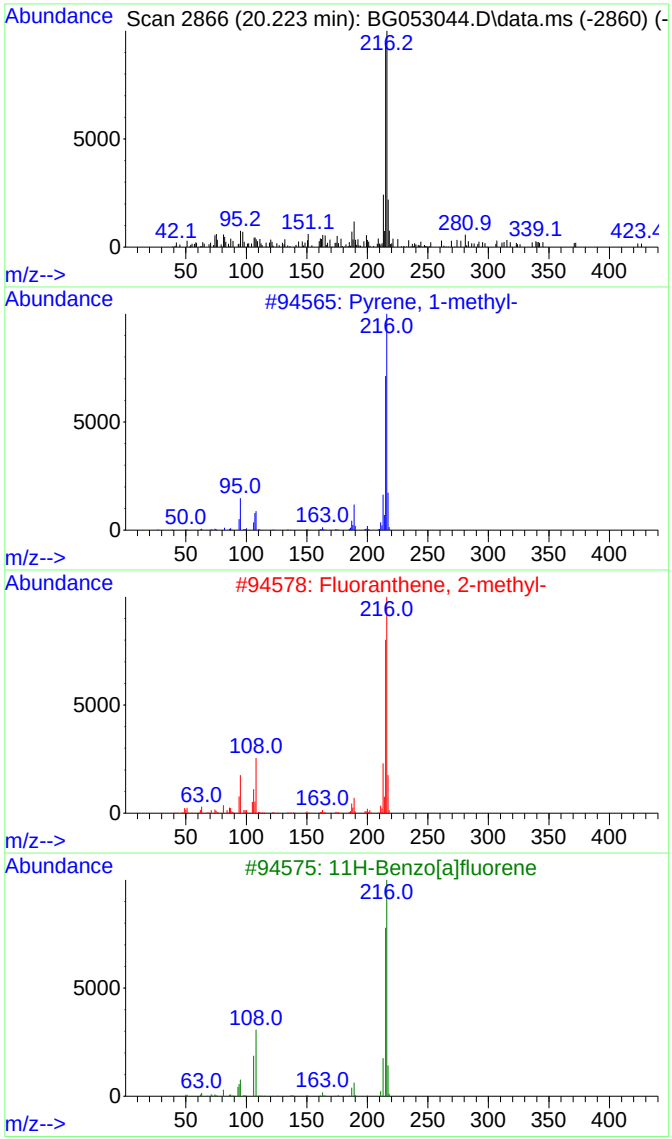
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

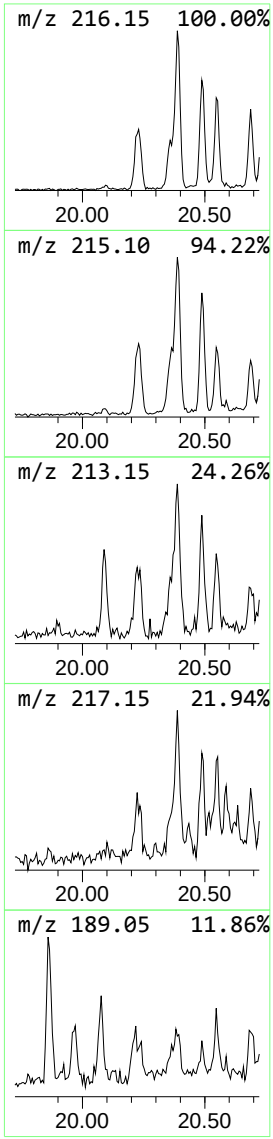
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.223	2.18 ng	111577	Chrysene-d12	21.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

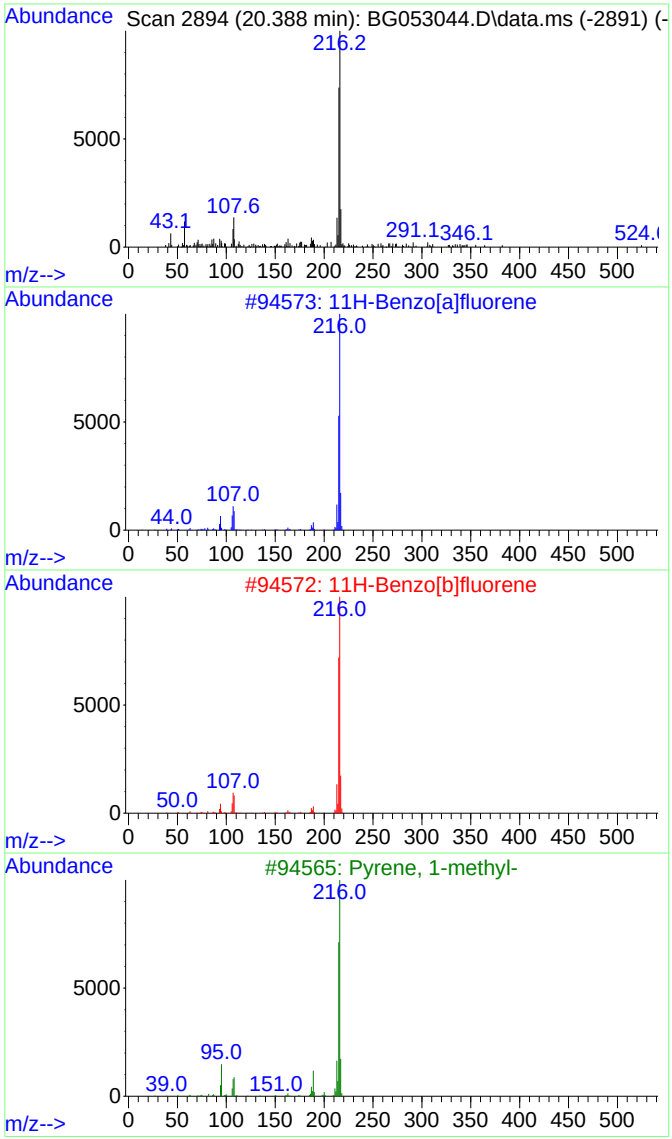
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

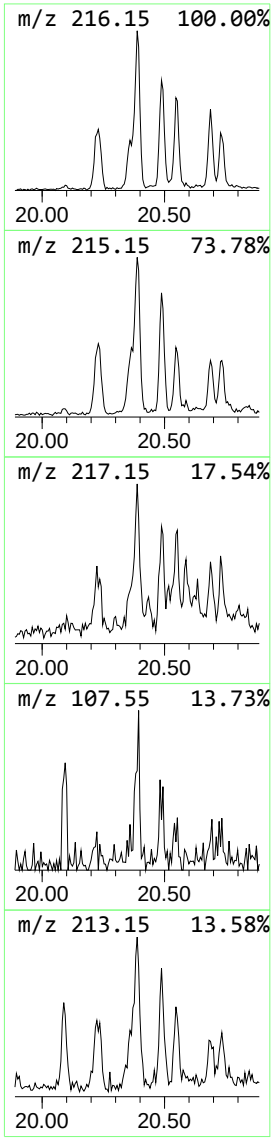
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.388	2.35 ng	119910	Chrysene-d12	21.774

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053044.D
Acq On : 5 Apr 2022 23:05
Operator : CG/JU
Sample : N2252-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
Bicyclo[2.2.1]h...	7.123	2.1	ng	29161	1	8.128	275551	20.0
Phenanthrene, 1...	18.367	2.7	ng	81225	4	17.492	608840	20.0
1H-Cyclopropa[l...	18.414	2.4	ng	73697	4	17.492	608840	20.0
4H-Cyclopenta[d...	18.561	4.0	ng	120901	4	17.492	608840	20.0
9,10-Dimethylan...	19.284	2.0	ng	62447	4	17.492	608840	20.0
Pyrene, 1-methyl-	20.223	2.2	ng	111577	5	21.774	1022650	20.0
11H-Benzo[a]flu...	20.388	2.4	ng	119910	5	21.774	1022650	20.0