LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056701.D
Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056701.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	321	328	338	rBV	169475	284545	17.26%	1.494%
2	5.940	401	409	419	rBV	417269	687944	41.72%	3.613%
3	7.556	676	684	693	rBV	451331	794480	48.19%	4.173%
4	8.432	826	833	840	rBV	82251	139499	8.46%	0.733%
5	9.607	1023	1033	1040	rBV	272853	490269	29.74%	2.575%
6	11.269	1308	1316	1322	rBV	110160	198061	12.01%	1.040%
7	12.891	1586	1592	1598	rVB2	17936	26983	1.64%	0.142%
8	13.108	1624	1629	1636	rVB2	16546	29331	1.78%	0.154%
9	13.661	1716	1723	1730	rBV	688900	1095344	66.43%	5.753%
10	14.354	1836	1841	1846	rBV2	16932	30661	1.86%	0.161%
11	14.595	1876	1882	1891	rBV5	9911	18177	1.10%	0.095%
12	14.759	1904	1910	1917	rBV3	9248	20602	1.25%	0.108%
13	15.036	1951	1957	1963	rVV	165655	260844	15.82%	1.370%
14	15.094	1963	1967	1974	rVB2	41399	65469	3.97%	0.344%
15	15.423	2012	2023	2029	rVB2	24652	47382	2.87%	0.249%
16	16.070	2127	2133	2138	rBV	47508	77488	4.70%	0.407%
17	16.363	2177	2183	2189	rVB	68474	111593	6.77%	0.586%
18	16.510	2201	2208	2215	rVB	576241	848629	51.47%	4.457%
19	16.722	2240	2244	2254	rVB7	13331	34731	2.11%	0.182%
20	17.069	2294	2303	2307	rBV5	15578	35126	2.13%	0.184%
21	17.116	2307	2311	2316	rVB3	11697	17072	1.04%	0.090%
22	17.286	2334	2340	2344	rBV8	8972	23008	1.40%	0.121%
23	17.415	2357	2362	2368	rBV2	21226	35997	2.18%	0.189%
24	17.486	2370	2374	2379	rBV4	14412	28233	1.71%	0.148%
25	17.586	2387	2391	2398	rVB	28799	43783	2.66%	0.230%
26	17.768	2416	2422	2425	rBV	192617	302334	18.34%	1.588%
27	17.815	2425	2430	2436	rVV	525911	813998	49.37%	4.275%
28	17.903	2436	2445	2450	rVV	85659	146842	8.91%	0.771%
29	17.956	2450	2454	2458	rVB2	12083	23374	1.42%	0.123%
30	18.161	2482	2489	2496	rBV	52010	86160	5.23%	0.453%
31	18.279	2505	2509	2512	rBV2	22792	34141	2.07%	0.179%
32	18.349	2516	2521	2524	rVV3	13939	26132	1.58%	0.137%
33	18.390	2524	2528	2533	rVB	59397	71924	4.36%	0.378%
34	18.496	2540	2546	2549	rBV5	13841	27158	1.65%	0.143%
35	18.608	2561	2565	2568	rBV	134449	202296	12.27%	1.062%
36	18.684	2573	2578	2582	rVB	103585	162091	9.83%	0.851%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056701.D
Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.761	2585	2591	2596	rBV	27865	49320	2.99%	0.259%
38	18.831	2596	2603	2607	rBV2	128684	270123	16.38%	1.419%
39	19.119	2648	2652	2655	rBV	74898	100991	6.13%	0.530%
40	19.160	2655	2659	2666	rVB	102360	153853	9.33%	0.808%
41	19.360	2690	2693	2697	rVB3	22788	30605	1.86%	0.161%
42	19.413	2698	2702	2705	rVB	21501	27763	1.68%	0.146%
43	19.448	2705	2708	2714	rVB2	19891	31699	1.92%	0.166%
44	19.513	2714	2719	2721	rBV2	121024	175259	10.63%	0.920%
45	19.542	2721	2724	2728	rVB2	206545	248878	15.09%	1.307%
46	19.671	2742	2746	2750	rBV2	89385	133572	8.10%	0.702%
47	19.718	2752	2754	2756	rVV2	37212	42640	2.59%	0.224%
48	19.748	2756	2759	2762	rVV2	69248	93000	5.64%	0.488%
49	19.801	2762	2768	2773	rVB	1173732	1648782	100.00%	8.659%
50	19.859	2773	2778	2780	rBV4	35549	54464	3.30%	0.286%
51	20.036	2806	2808	2814	rVB	21774	24442	1.48%	0.128%
52	20.124	2817	2823	2825	rVV2	191480	344696	20.91%	1.810%
53	20.159	2825	2829	2835	rVV	952682	1393077	84.49%	7.317%
54	20.212	2835	2838	2844	rVB	55729	89061	5.40%	0.468%
55	20.335	2853	2859	2864	rBV	1046165	1377375	83.54%	7.234%
56	20.476	2876	2883	2888	rBV3	72703	171764	10.42%	0.902%
57	20.635	2907	2910	2915	rVB	165947	245516	14.89%	1.289%
58	20.735	2923	2927	2931	rBV	130559	163168	9.90%	0.857%
59	20.794	2935	2937	2941	rVB	78058	97267	5.90%	0.511%
60	20.940	2959	2962	2965	rBV	52230	64186	3.89%	0.337%
61	20.993	2967	2971	2979	rVB	59497	113626	6.89%	0.597%
62	21.434	3042	3046	3052	rVB	69883	113331	6.87%	0.595%
63	21.734	3092	3097	3102	rBV2	81956	151120	9.17%	0.794%
64	21.787	3102	3106	3115	rVB2	70888	142209	8.63%	0.747%
65	22.069	3147	3154	3161	rBV2	473849	1174532	71.24%	6.169%
66	22.139	3162	3166	3179	rVB	411234	744270	45.14%	3.909%
67	22.304	3190	3194	3200	rVB	79540	122597	7.44%	0.644%
68	22.521	3227	3231	3238	rBV2	60172	119223	7.23%	0.626%
69	24.501	3560	3568	3576	rBV	241334	917242	55.63%	4.817%
70	25.300	3699	3704	3718	rVB2	134000	402937	24.44%	2.116%
71	25.470	3725	3733	3748	rVB	200729	665905	40.39%	3.497%

Sum of corrected areas: 19040194

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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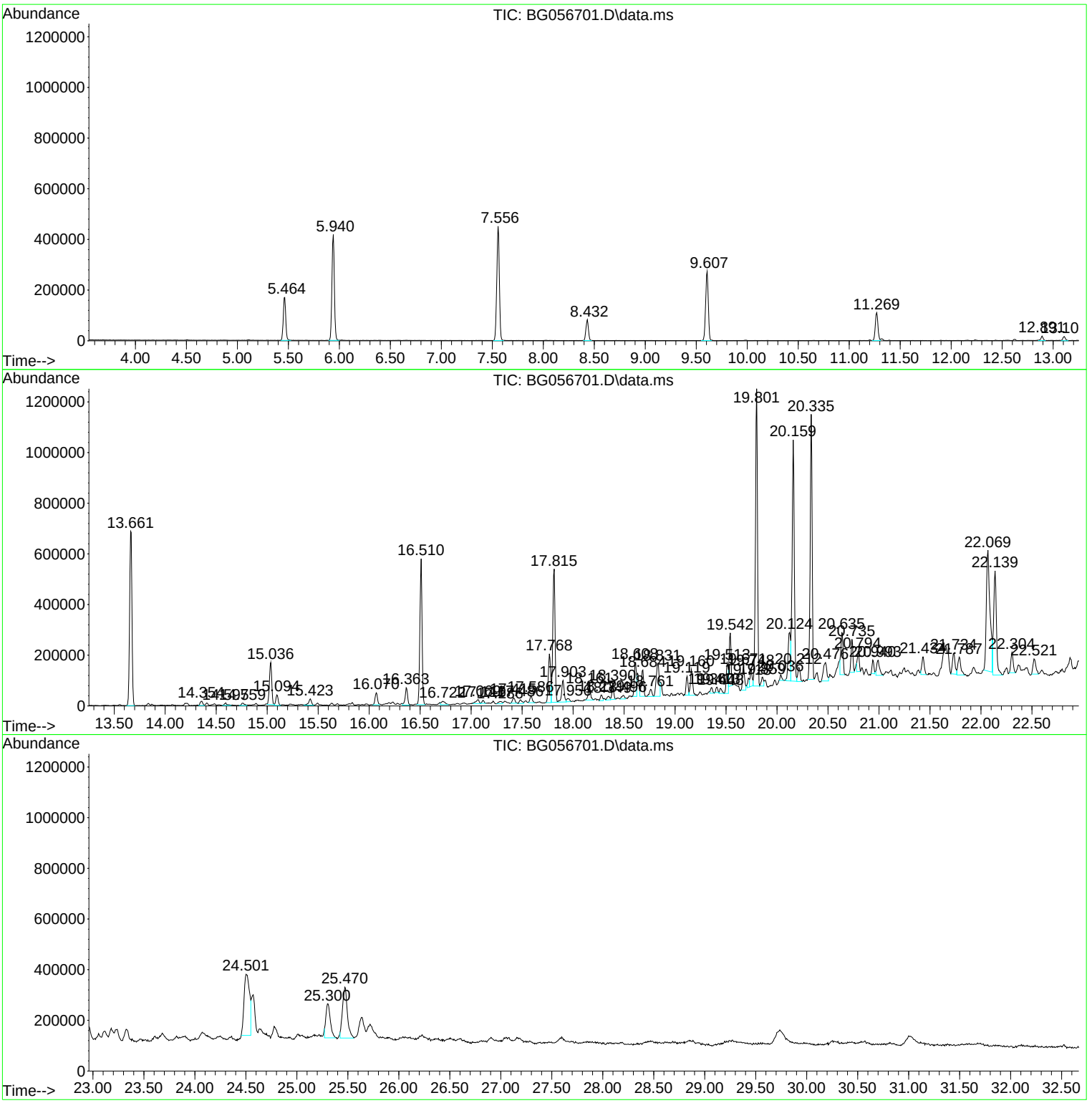
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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\BG022223\
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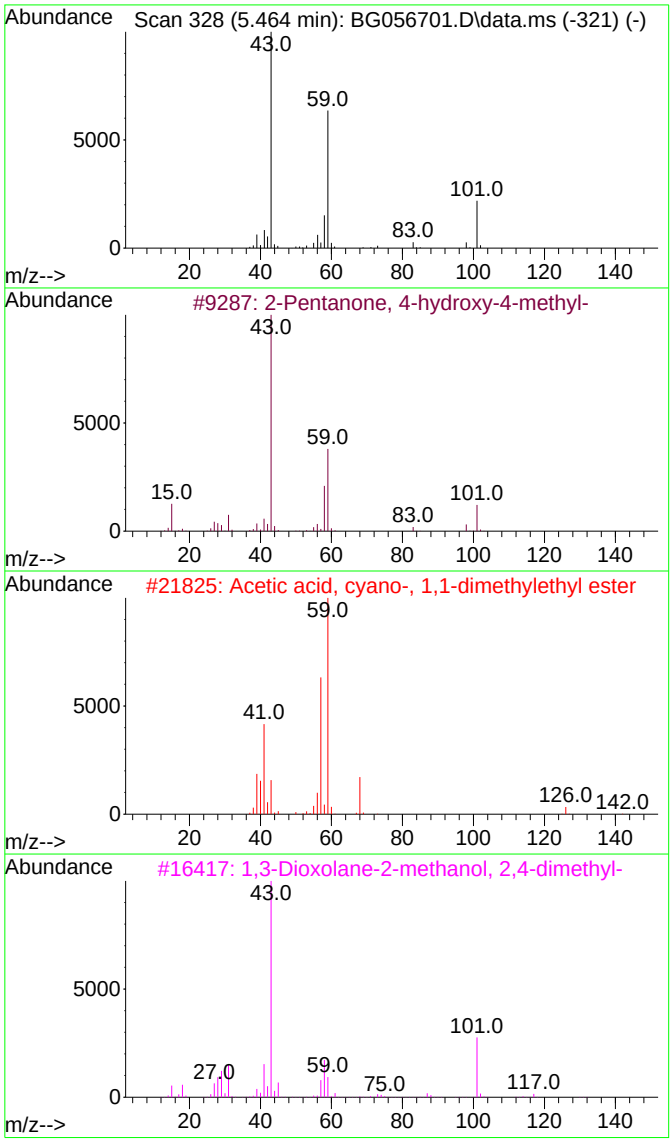
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

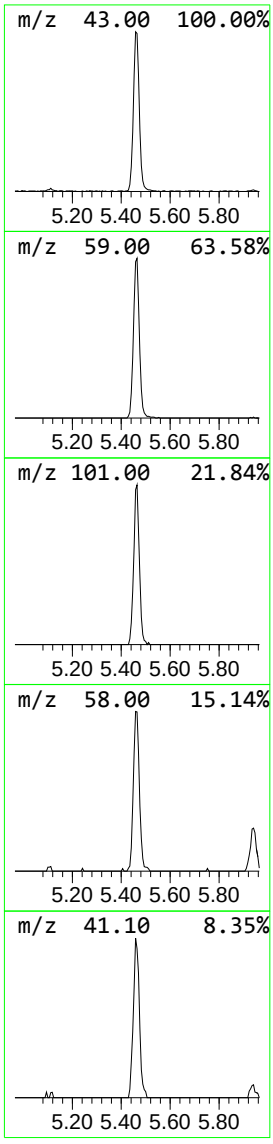
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.464	40.80 ng	284545	1,4-Dichlorobenzene-d4	8.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056701.D
Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

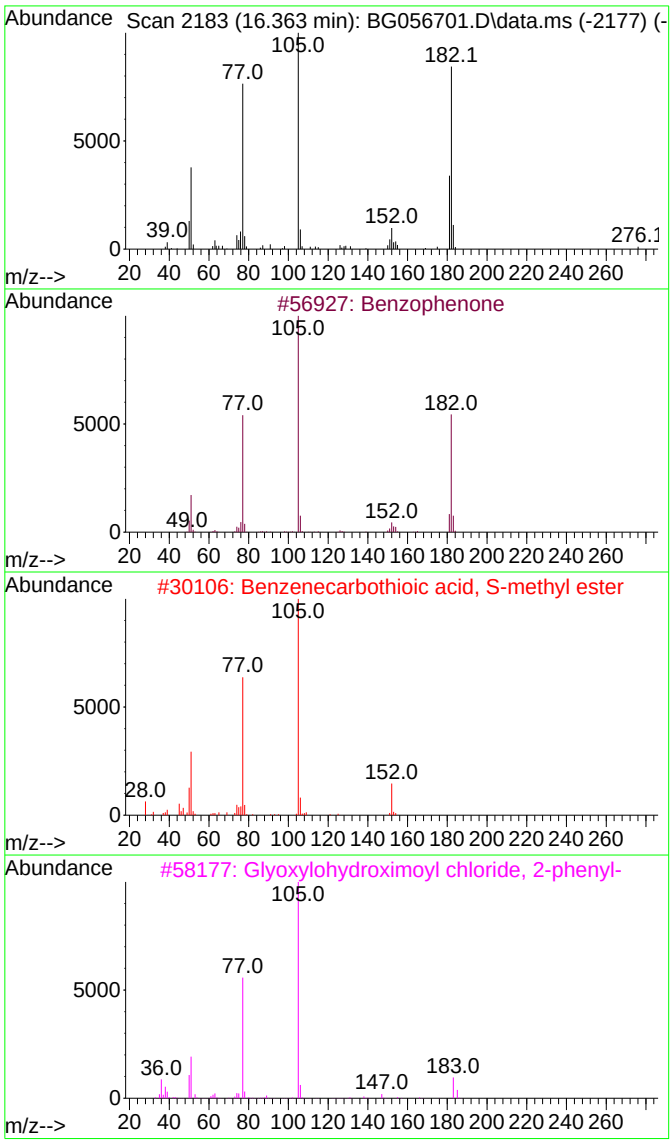
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

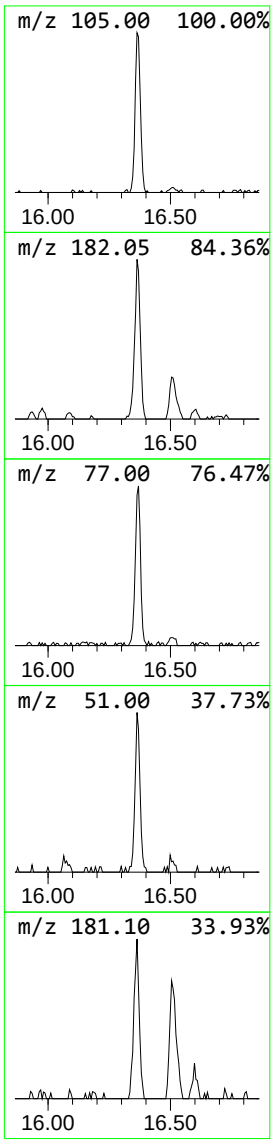
****

Peak Number 4 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	8.56 ng	111593	Acenaphthene-d10	15.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	46
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056701.D
Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

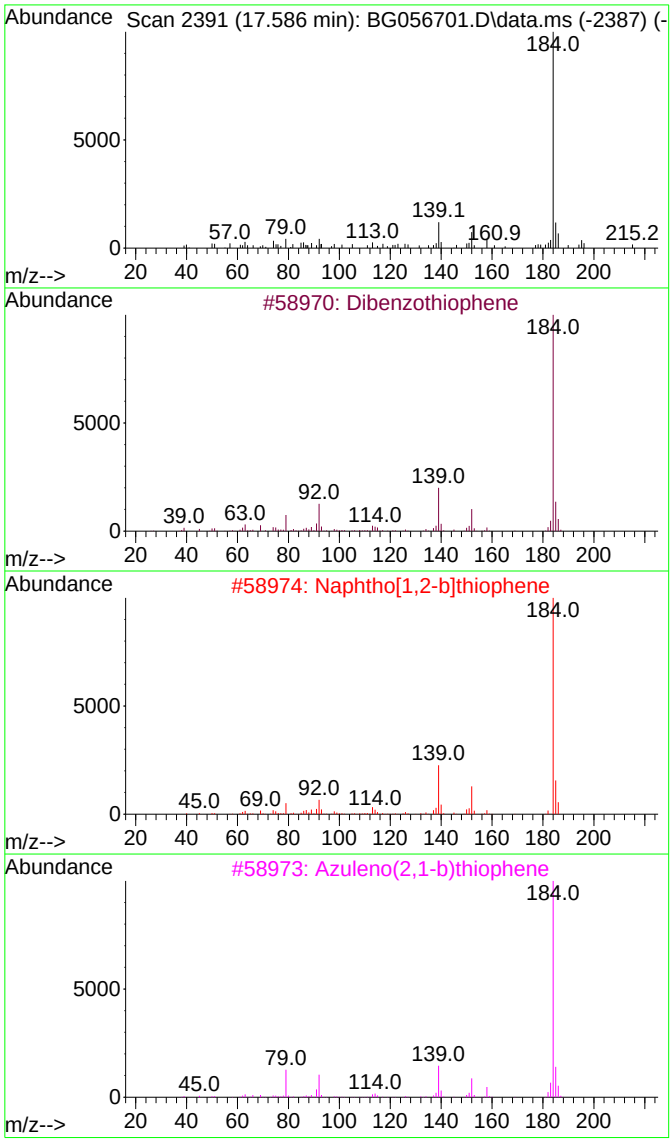
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

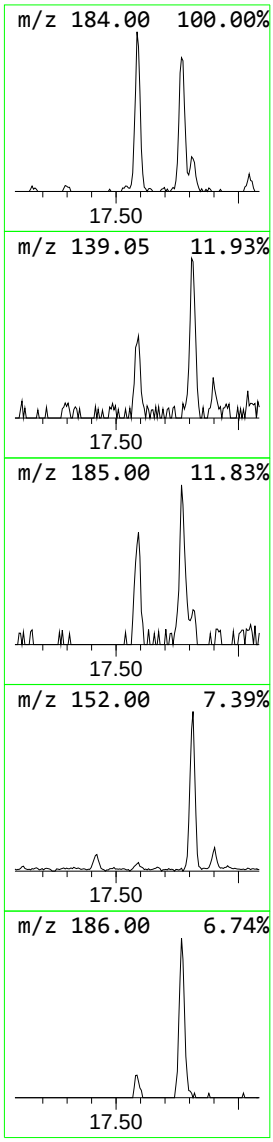
****

Peak Number 5 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.586	2.90 ng	43783	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

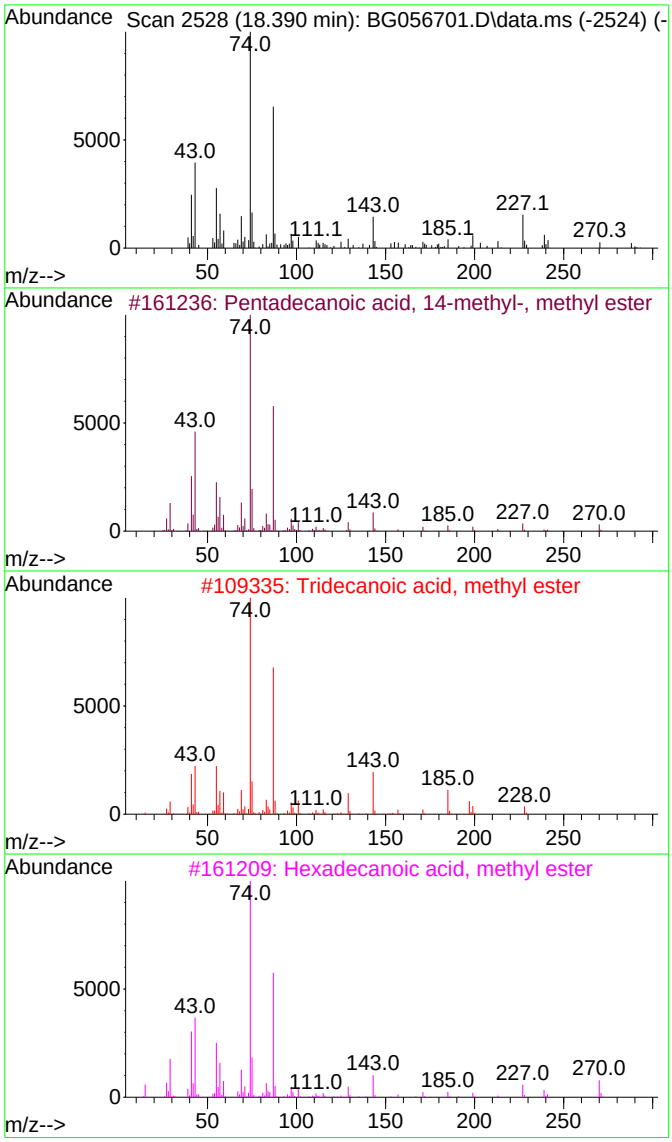
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

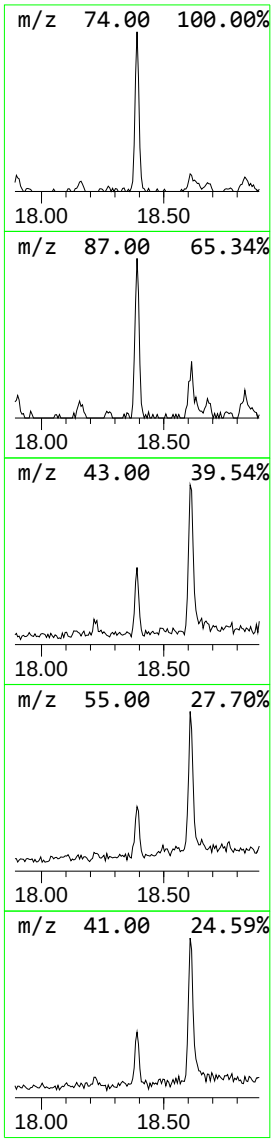
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecanoic acid, 14-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	4.76 ng	71924	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80
4	Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	72
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

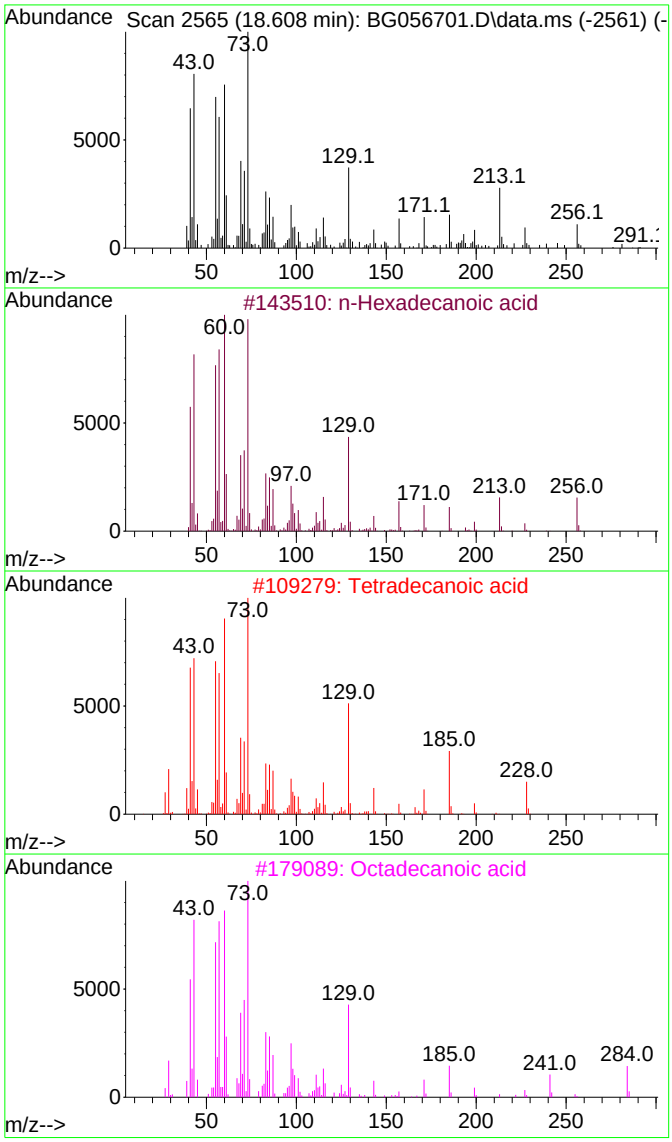
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

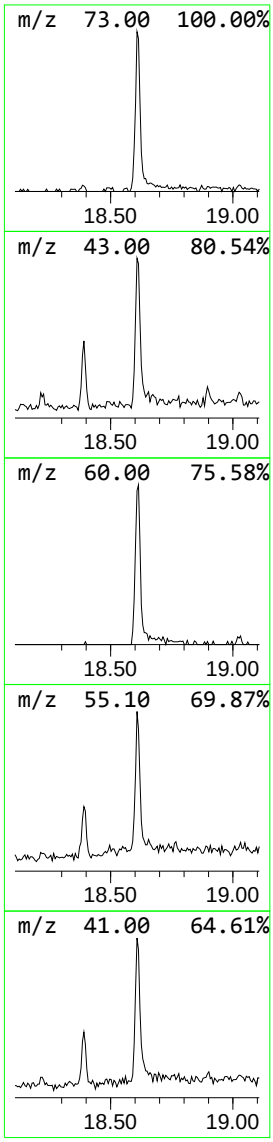
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.608	13.38 ng	202296	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

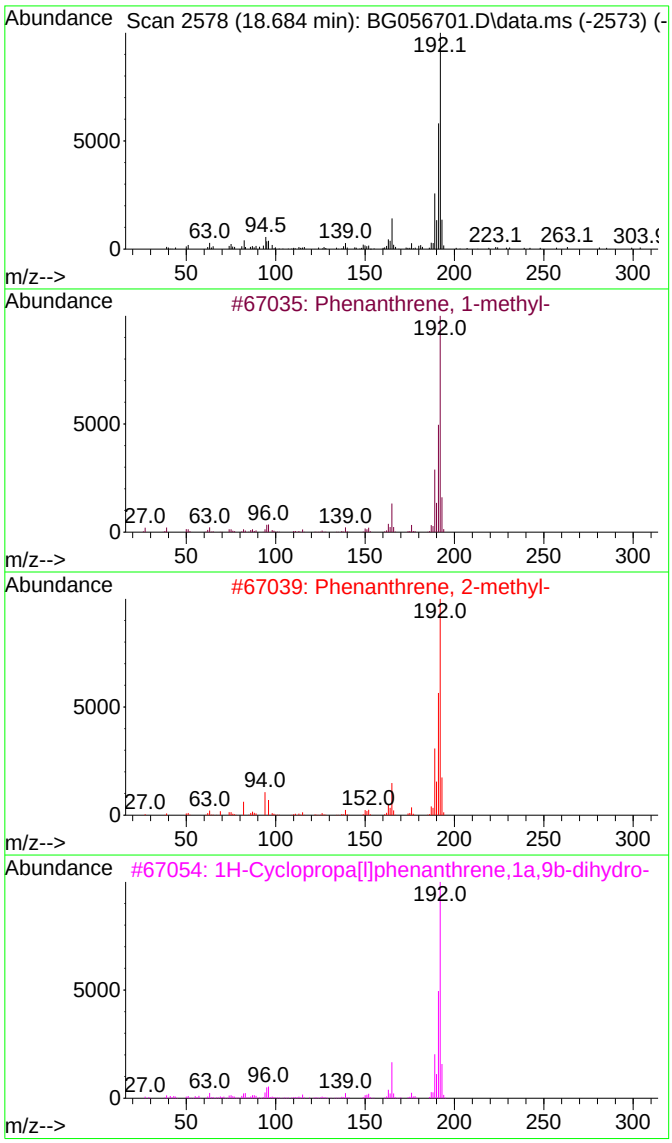
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

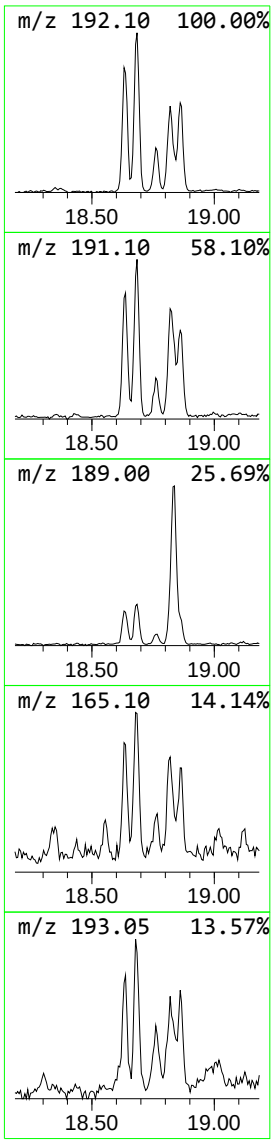
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.684	10.72 ng	162091	Phenanthrene-d10	17.768

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056701.D
Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

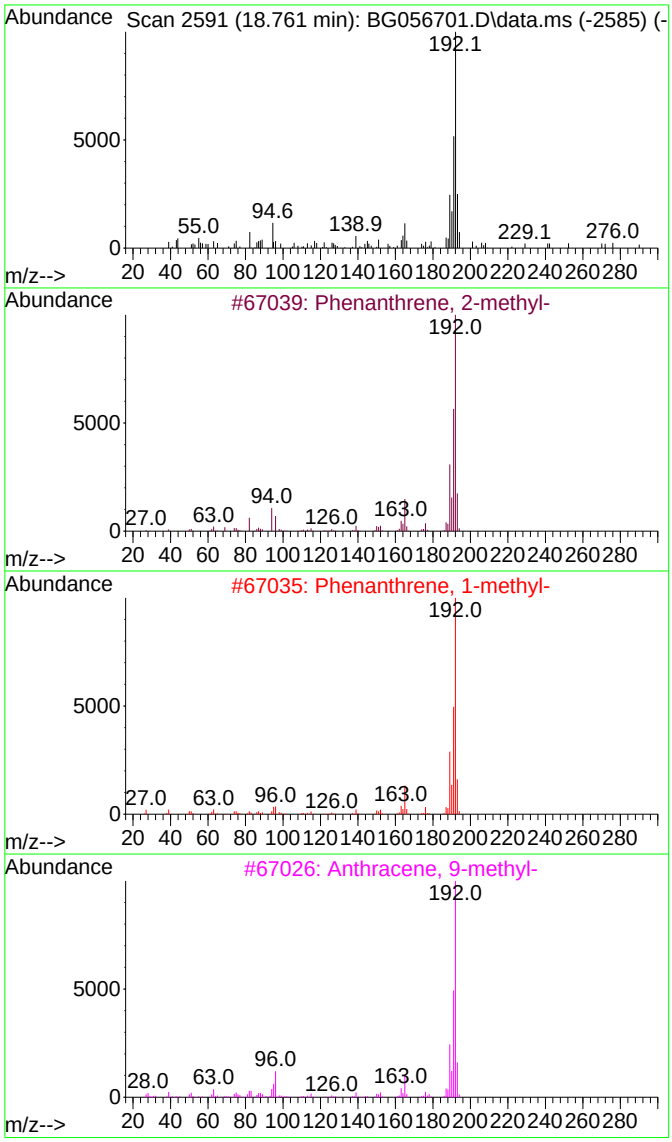
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

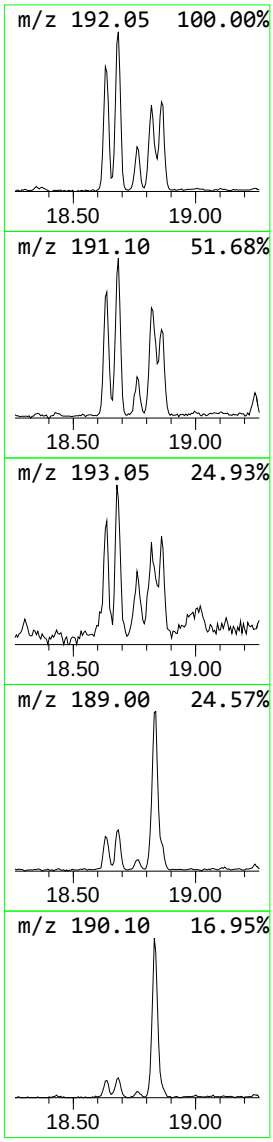
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.761	3.26 ng	49320	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Acq On : 22 Feb 2023 17:17
Operator : CG/JU
Sample : 01639-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-02212023

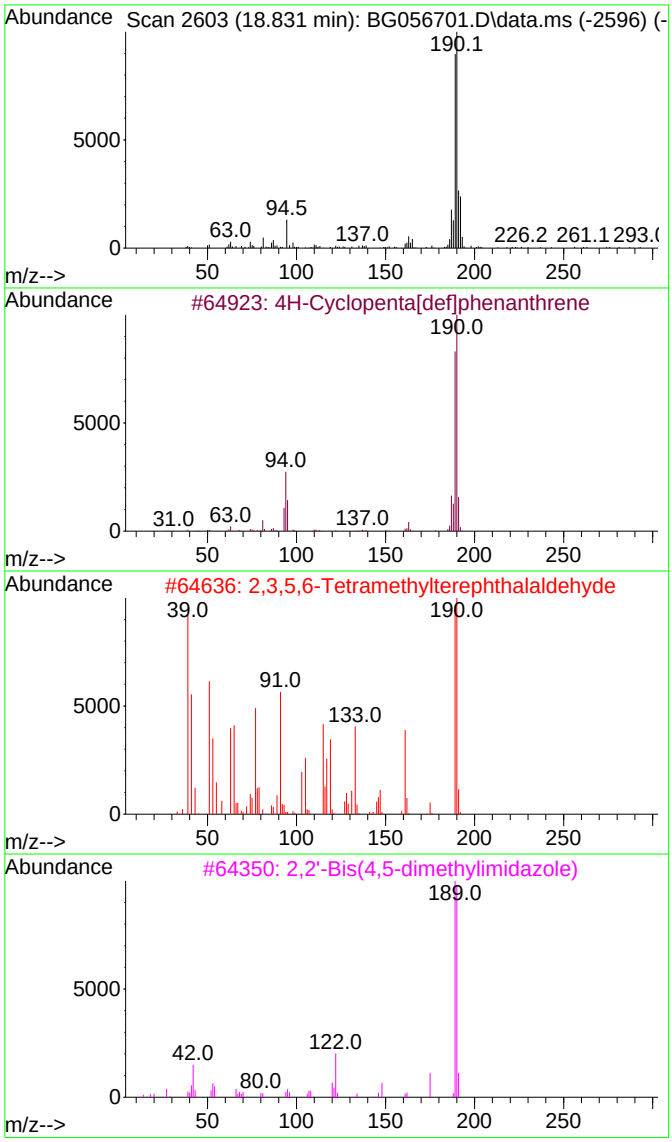
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

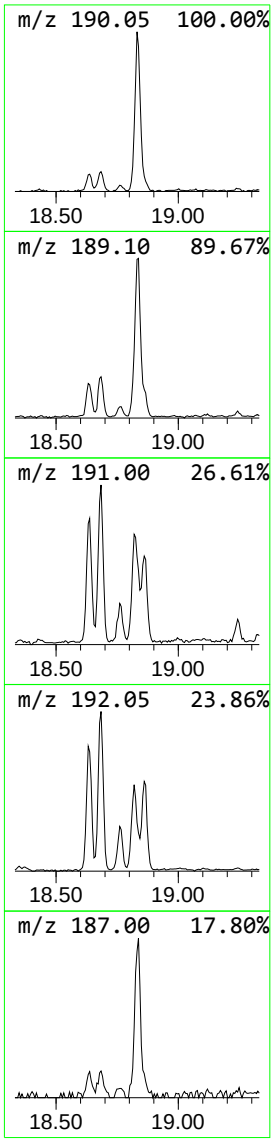
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.831	17.87 ng	270123	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5	Methyl diselenide	190	C2H6Se2	007101-31-7	22





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ClientSampleId :
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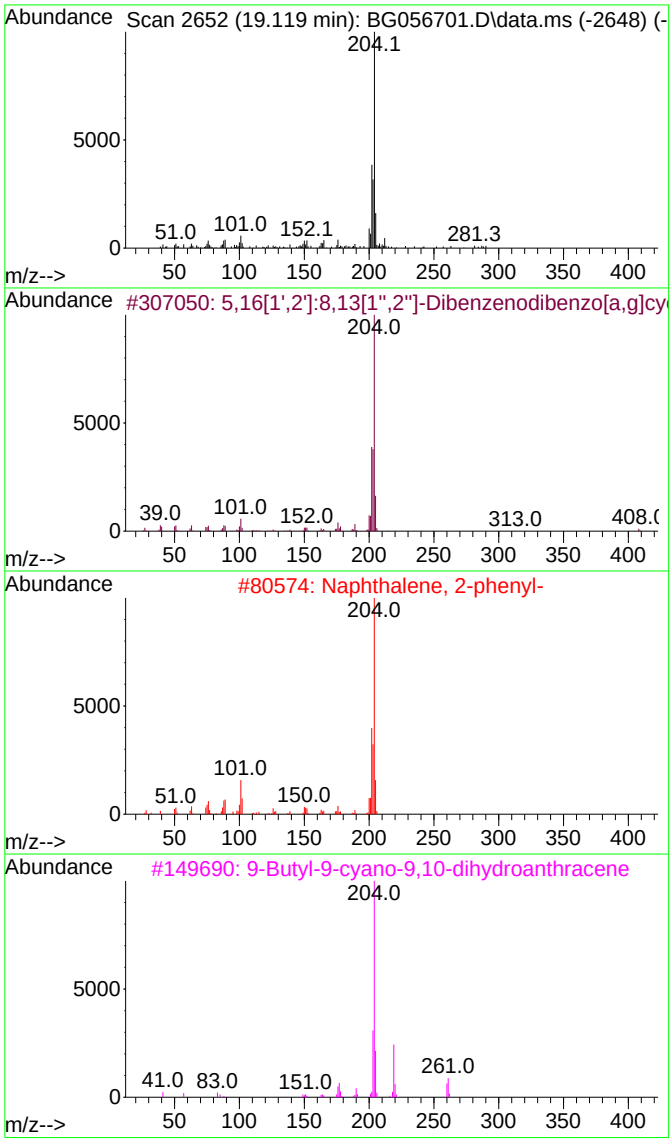
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

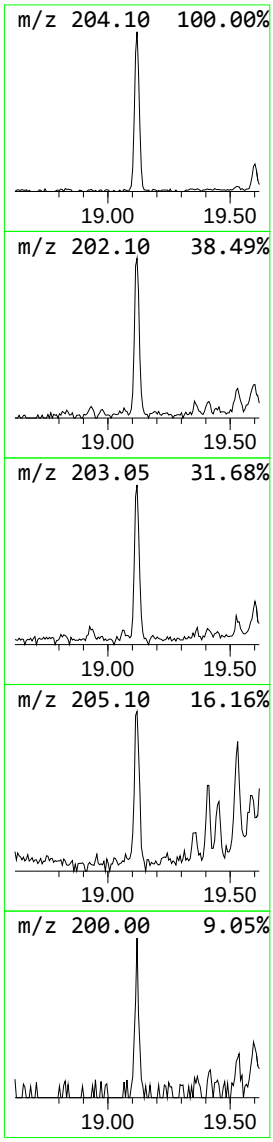
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.119	6.68 ng	100991	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	50
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

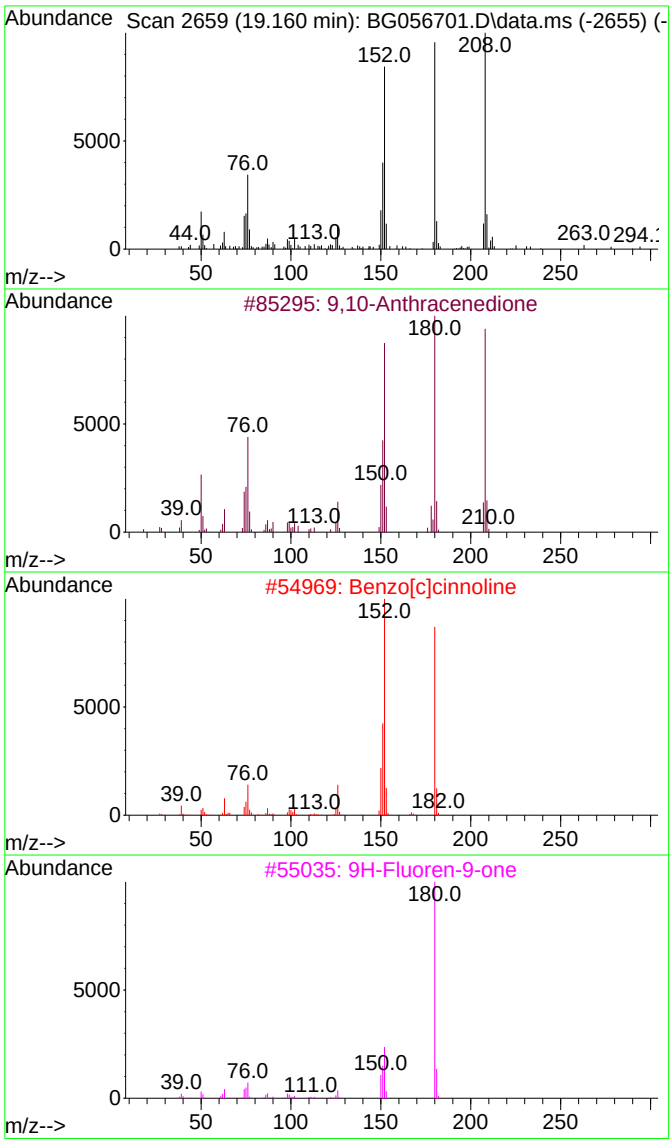
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

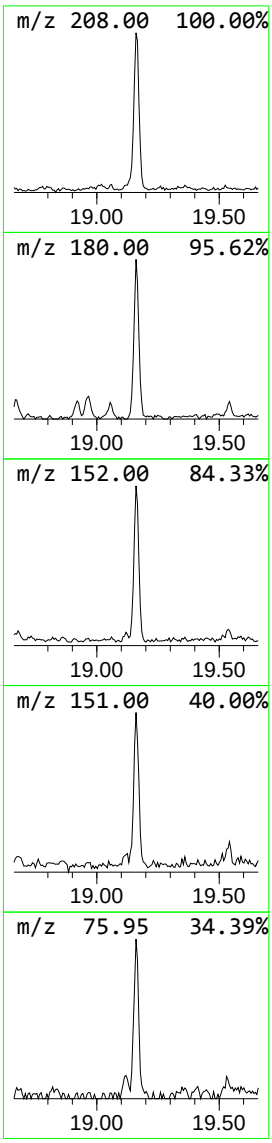
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.160	10.18 ng	153853	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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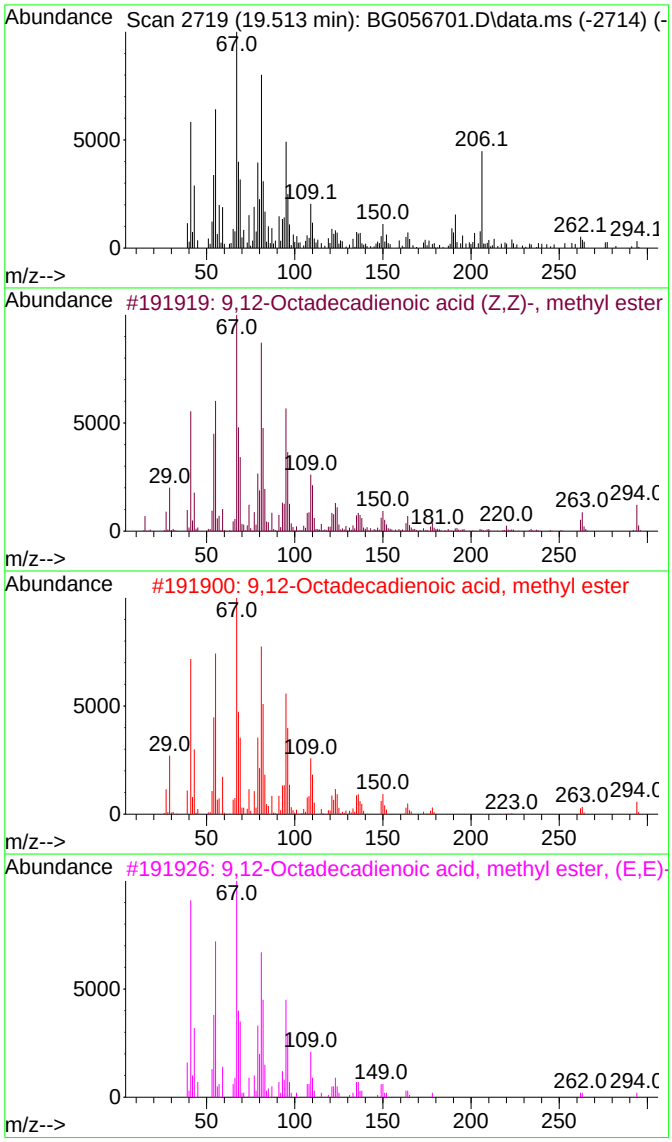
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

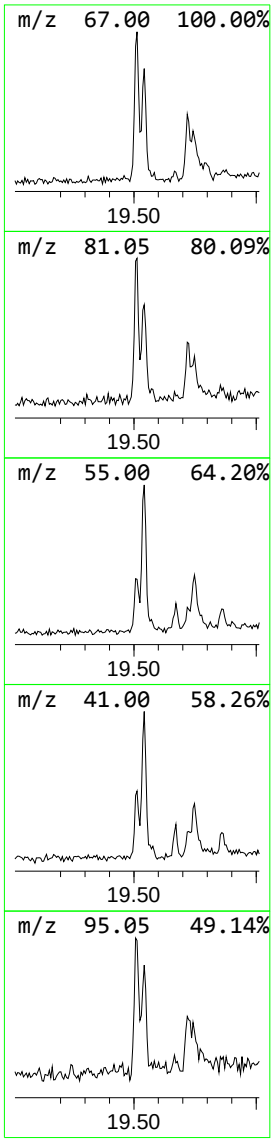
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.513	11.59 ng	175259	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	91





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ClientSampleId :
TR-05-02212023

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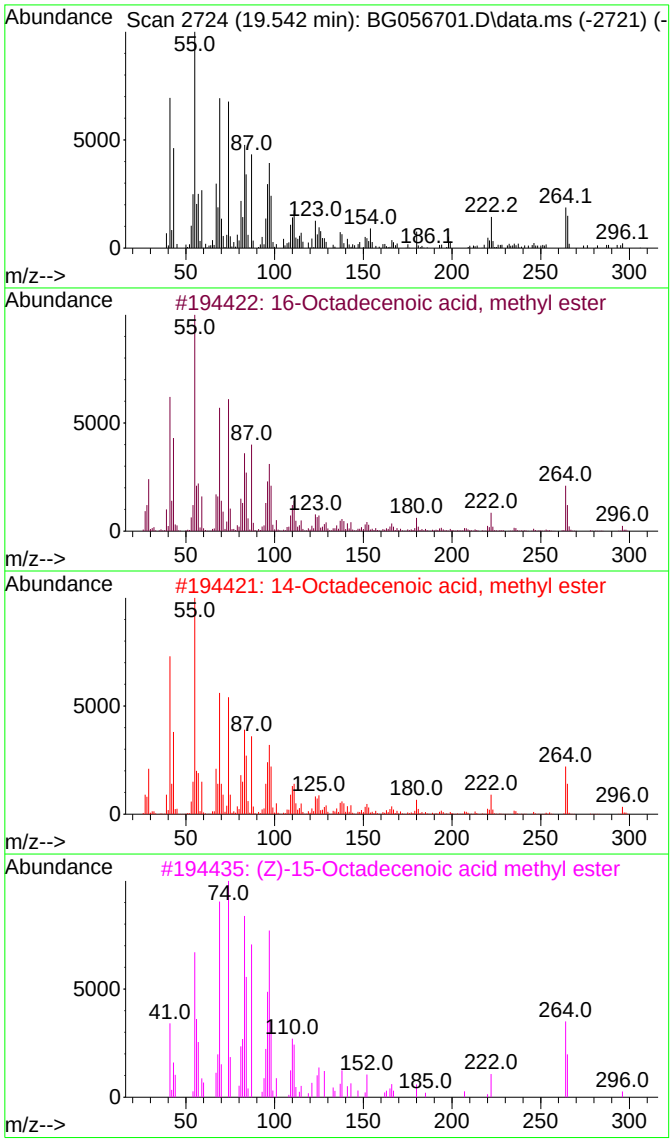
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

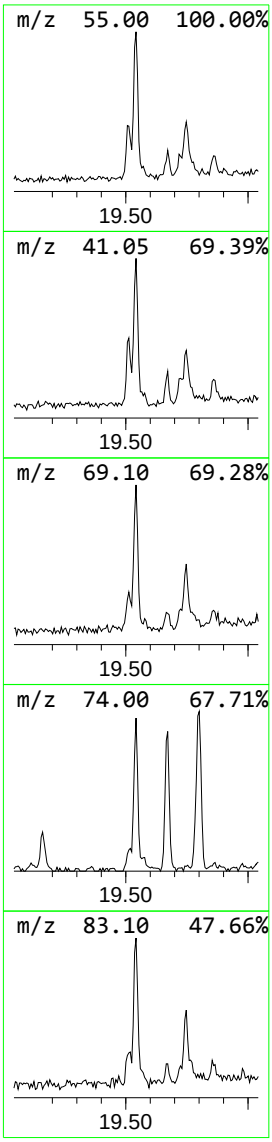
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 16-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.542	16.46 ng	248878	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98





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ClientSampleId :
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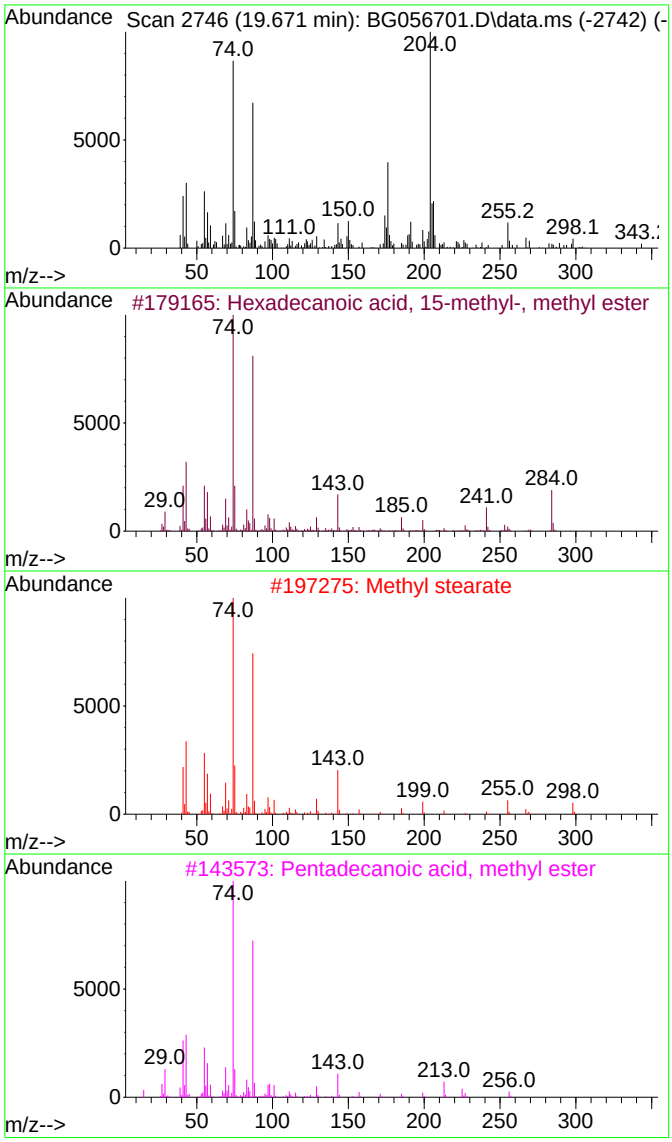
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

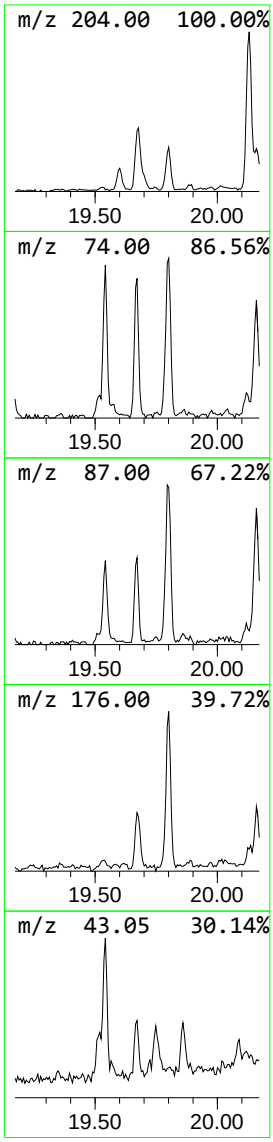
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecanoic acid, 15-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.671	8.84 ng	133572	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	78
2	Methyl stearate	298	C19H38O2	000112-61-8	59
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	51
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	51
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	45





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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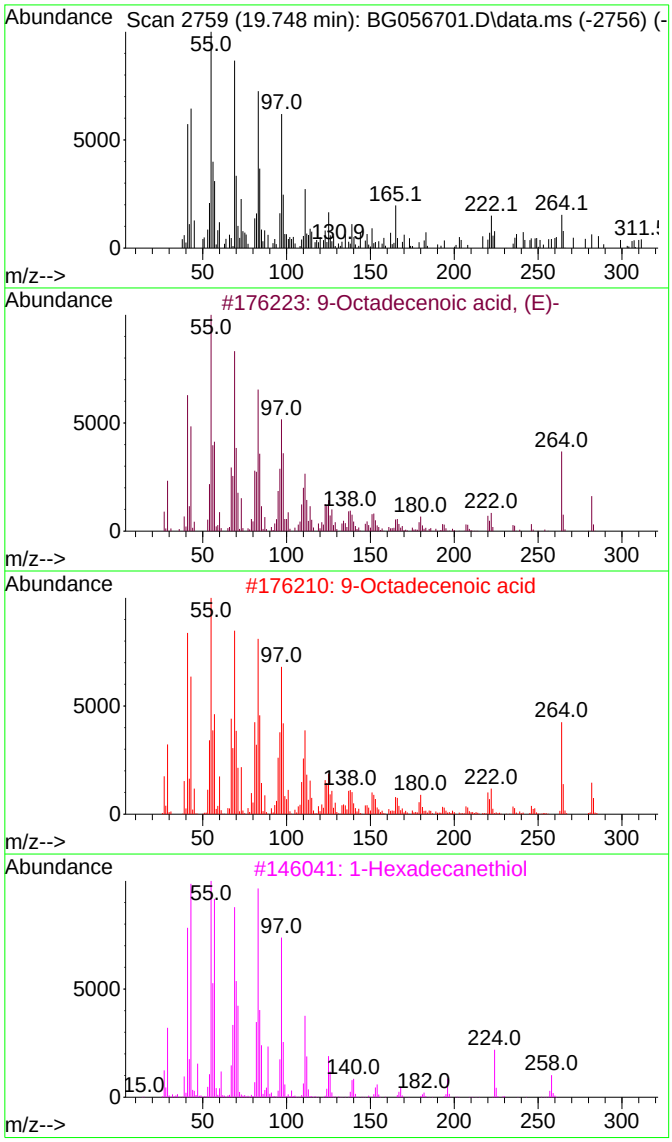
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

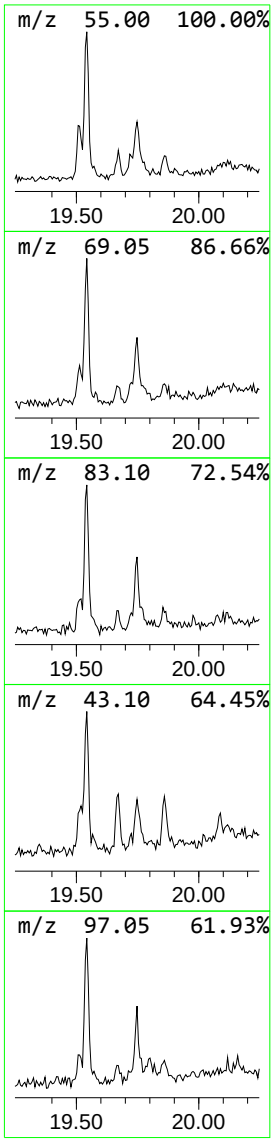
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.748	6.15 ng	93000	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	81
3	1-Hexadecanethiol	258	C16H34S	002917-26-2	76
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	68
5	1-Tridecene	182	C13H26	002437-56-1	50





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ClientSampleId :
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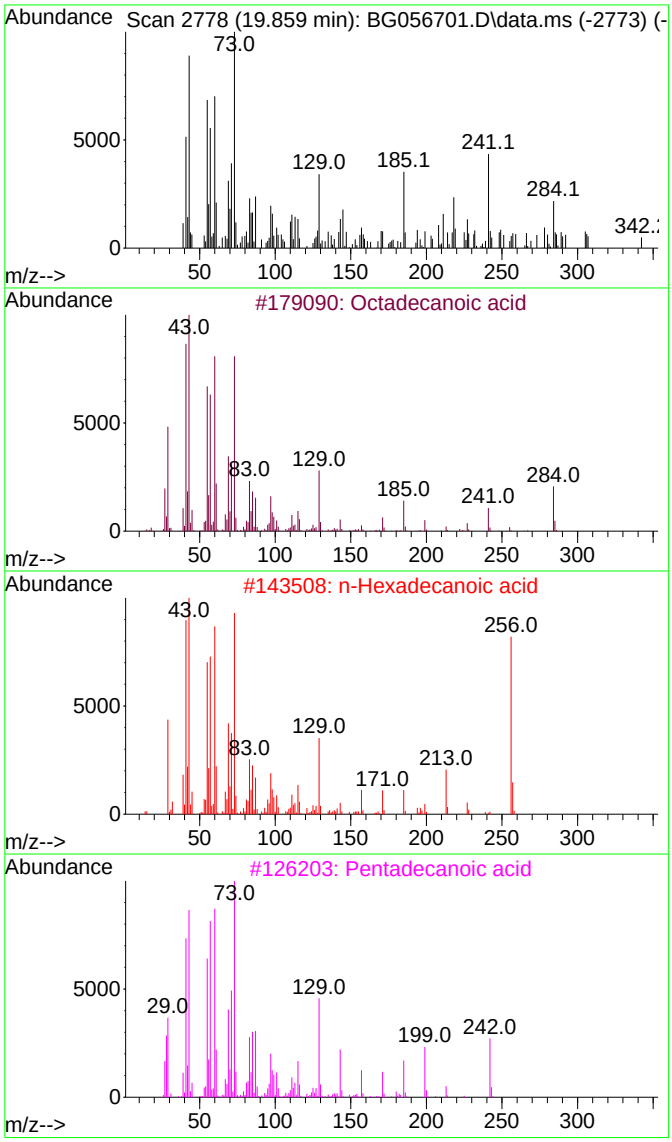
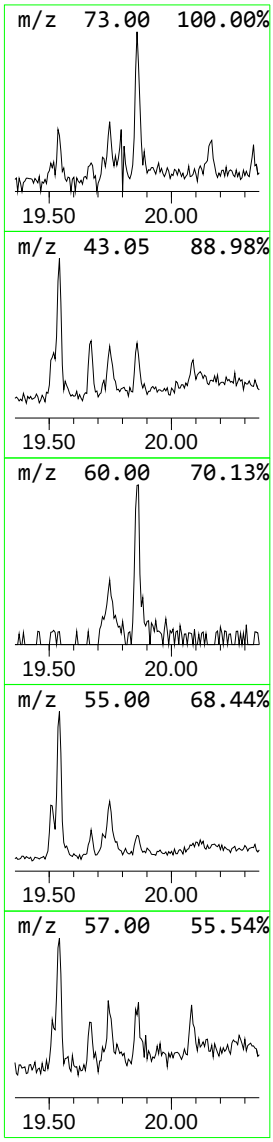
****

Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.859	3.60 ng	54464	Phenanthrene-d10	17.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4	Tridecanoic acid	214	C13H26O2	000638-53-9	25
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	22





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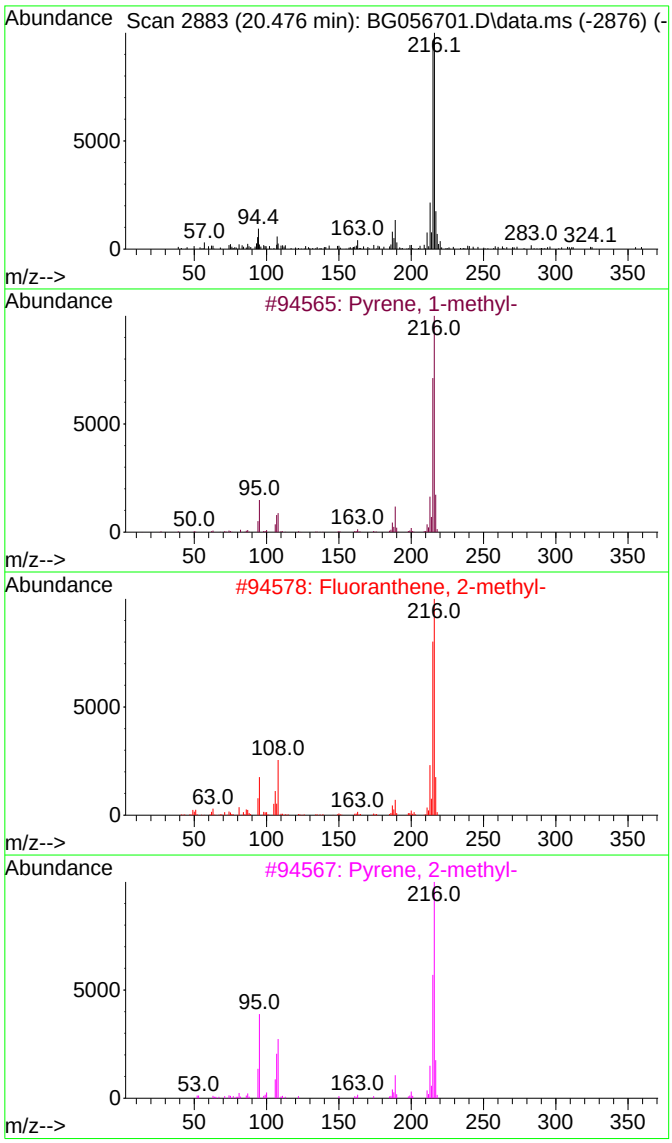
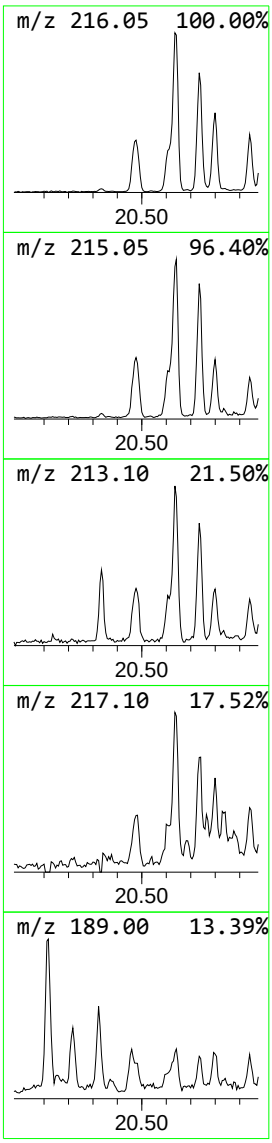
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.476	2.92 ng	171764	Chrysene-d12	22.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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TIC Library : C:\Database\NIST20.L
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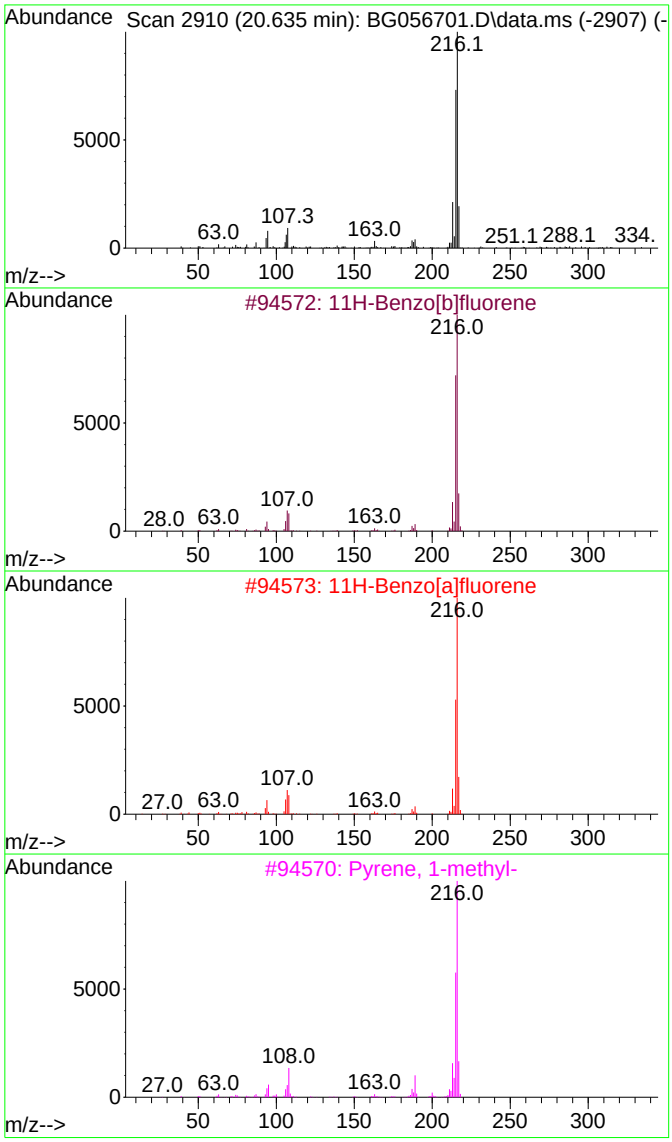
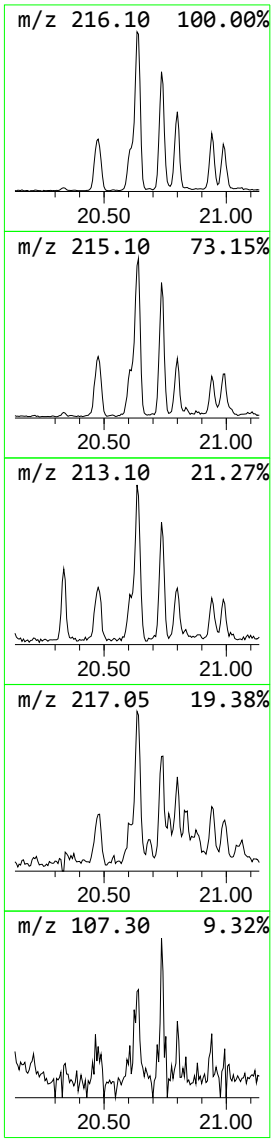
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.635	4.18 ng	245516	Chrysene-d12	22.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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TIC Library : C:\Database\NIST20.L
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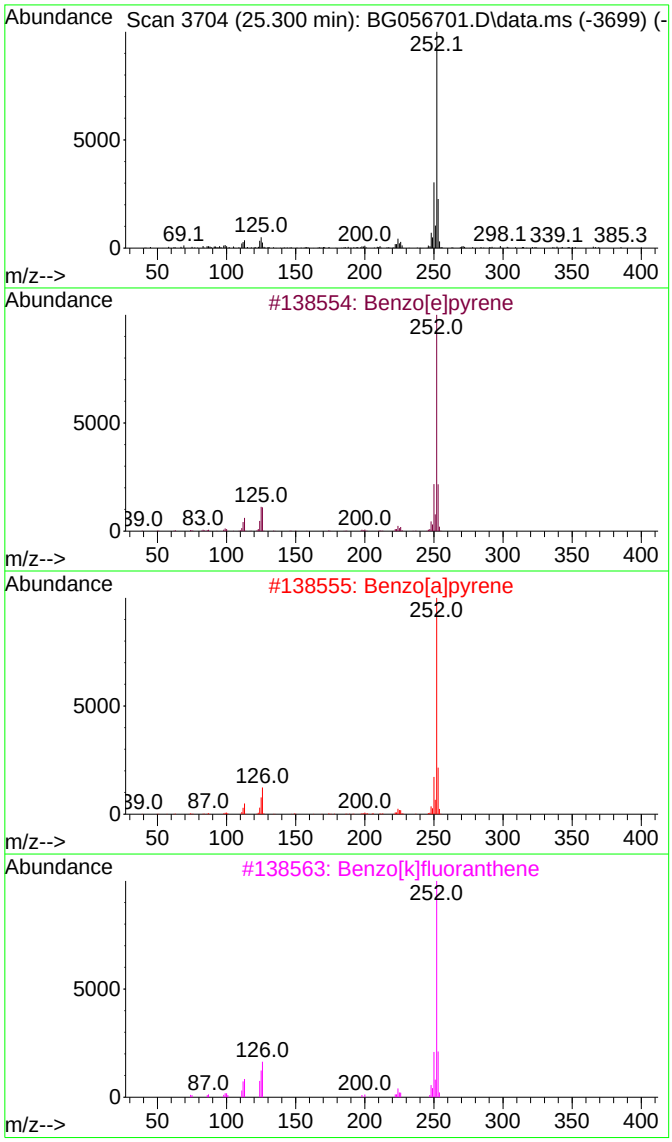
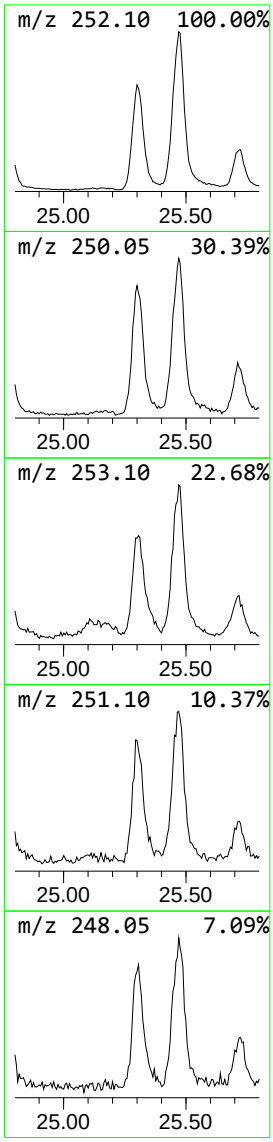
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.300	12.10 ng	402937	Perylene-d12	25.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
TR-05-02212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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
2-Pentanone, 4-...	5.464	40.8	ng	284545	1	8.432	139499	20.0
Benzophenone	16.363	8.6	ng	111593	3	15.036	260844	20.0
Dibenzothiophene	17.586	2.9	ng	43783	4	17.768	302334	20.0
Pentadecanoic a...	18.390	4.8	ng	71924	4	17.768	302334	20.0
n-Hexadecanoic ...	18.608	13.4	ng	202296	4	17.768	302334	20.0
Phenanthrene, 1...	18.684	10.7	ng	162091	4	17.768	302334	20.0
Phenanthrene, 2...	18.761	3.3	ng	49320	4	17.768	302334	20.0
4H-Cyclopenta[d...	18.831	17.9	ng	270123	4	17.768	302334	20.0
5,16[1',2']:8,1...	19.119	6.7	ng	100991	4	17.768	302334	20.0
9,10-Anthracene...	19.160	10.2	ng	153853	4	17.768	302334	20.0
9,12-Octadecadi...	19.513	11.6	ng	175259	4	17.768	302334	20.0
16-Octadecenoic...	19.542	16.5	ng	248878	4	17.768	302334	20.0
Hexadecanoic ac...	19.671	8.8	ng	133572	4	17.768	302334	20.0
9-Octadecenoic ...	19.748	6.2	ng	93000	4	17.768	302334	20.0
Octadecanoic acid	19.859	3.6	ng	54464	4	17.768	302334	20.0
Pyrene, 1-methyl-	20.476	2.9	ng	171764	5	22.086	1174530	20.0
11H-Benzo[b]flu...	20.635	4.2	ng	245516	5	22.086	1174530	20.0
Benzo[e]pyrene	25.300	12.1	ng	402937	6	25.641	665905	20.0