LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 371

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055479.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.268	331	337	348	rVB	92971	144565	5.18%	0.441%
2	5.756	413	420	432	rBV	395542	642435	23.02%	1.962%
3	7.383	689	697	710	rBV	391930	690856	24.75%	2.109%
4	8.230	834	841	848	rVB	109052	177608	6.36%	0.542%
5	9.405	1032	1041	1052	rBV	237592	432487	15.50%	1.321%
6	11.056	1315	1322	1327	rBV	156850	277347	9.94%	0.847%
7	11.109	1327	1331	1338	rVB	83078	139097	4.98%	0.425%
8	12.695	1594	1601	1608	rVB	52549	86451	3.10%	0.264%
9	12.912	1628	1638	1644	rBB	36833	62336	2.23%	0.190%
10	13.470	1726	1733	1742	rBV	727731	1096522	39.29%	3.348%
11	14.029	1819	1828	1834	rBV4	18507	47377	1.70%	0.145%
12	14.164	1846	1851	1856	rBV	28821	50940	1.83%	0.156%
13	14.222	1856	1861	1866	rVB	20557	30383	1.09%	0.093%
14	14.845	1961	1967	1973	rVB	252550	383199	13.73%	1.170%
15	14.910	1973	1978	1985	rVB	130677	199899	7.16%	0.610%
16	15.239	2025	2034	2041	rBV	122118	190431	6.82%	0.581%
17	15.885	2137	2144	2152	rBV	243430	366099	13.12%	1.118%
18	16.044	2167	2171	2175	rVB2	24233	37298	1.34%	0.114%
19	16.173	2189	2193	2200	rVB	36660	56705	2.03%	0.173%
20	16.326	2204	2219	2226	rBV	571635	931676	33.38%	2.845%
21	16.520	2246	2252	2255	rBV	39522	62455	2.24%	0.191%
22	16.561	2255	2259	2265	rVB4	20983	36272	1.30%	0.111%
23	16.878	2302	2313	2318	rBV2	40704	91098	3.26%	0.278%
24	16.931	2318	2322	2328	rBV2	19603	33275	1.19%	0.102%
25	17.025	2334	2338	2344	rVB2	24168	39085	1.40%	0.119%
26	17.101	2344	2351	2355	rBV5	17733	43265	1.55%	0.132%
27	17.143	2355	2358	2366	rVB2	16410	31831	1.14%	0.097%
28	17.295	2380	2384	2391	rBV4	20545	44345	1.59%	0.135%
29	17.401	2396	2402	2410	rVB	82365	127914	4.58%	0.391%
30	17.577	2426	2432	2435	rBV	307596	458837	16.44%	1.401%
31	17.624	2435	2440	2446	rVV	1150407	1736510	62.22%	5.302%
32	17.713	2446	2455	2461	rVV	373357	572030	20.49%	1.747%
33	17.771	2461	2465	2469	rVB	40069	59678	2.14%	0.182%
34	17.859	2474	2480	2488	rVB3	11166	29106	1.04%	0.089%
35	17.977	2495	2500	2507	rBV	130849	204537	7.33%	0.625%
36	18.089	2514	2519	2523	rBV2	32957	51537	1.85%	0.157%

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Data File : BG055479.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.153	2526	2530	2535	rVB2	26582	44432	1.59%	0.136%
38	18.294	2550	2554	2561	rVB2	17024	32097	1.15%	0.098%
39	18.447	2571	2580	2584	rBV	139664	247220	8.86%	0.755%
40	18.494	2584	2588	2595	rVB	192268	279810	10.02%	0.854%
41	18.576	2597	2602	2607	rVV	84537	126437	4.53%	0.386%
42	18.647	2607	2614	2623	rVV2	371023	739207	26.48%	2.257%
43	18.935	2658	2663	2668	rBV	109573	160716	5.76%	0.491%
44	18.988	2668	2672	2680	rVB3	32084	52430	1.88%	0.160%
45	19.176	2697	2704	2708	rVB4	34760	66857	2.40%	0.204%
46	19.228	2708	2713	2716	rBV	41081	58736	2.10%	0.179%
47	19.264	2716	2719	2724	rVB	32786	41262	1.48%	0.126%
48	19.346	2727	2733	2737	rBV	95601	174307	6.25%	0.532%
49	19.416	2742	2745	2748	rVV	54029	82154	2.94%	0.251%
50	19.499	2752	2759	2771	rBV4	69987	194614	6.97%	0.594%
51	19.616	2772	2779	2785	rBV	1818495	2791130	100.00%	8.522%
52	19.704	2791	2794	2798	rBV3	46743	62672	2.25%	0.191%
53	19.857	2813	2820	2826	rBV2	80559	183007	6.56%	0.559%
54	19.939	2829	2834	2836	rBV2	318083	488531	17.50%	1.492%
55	19.975	2836	2840	2847	rVV	1589713	2412548	86.44%	7.366%
56	20.033	2847	2850	2858	rVB2	84903	127471	4.57%	0.389%
57	20.151	2865	2870	2875	rVB	1182732	1562889	55.99%	4.772%
58	20.215	2879	2881	2886	rVB	60416	77480	2.78%	0.237%
59	20.286	2887	2893	2900	rBV2	123308	303383	10.87%	0.926%
60	20.345	2900	2903	2910	rBV	52787	88115	3.16%	0.269%
61	20.456	2918	2922	2928	rVB	356363	519096	18.60%	1.585%
62	20.556	2934	2939	2943	rBV	359893	515912	18.48%	1.575%
63	20.615	2946	2949	2952	rVB	142552	178761	6.40%	0.546%
64	20.756	2969	2973	2976	rBV	108363	147609	5.29%	0.451%
65	20.797	2977	2980	2991	rVB	131515	247565	8.87%	0.756%
66	21.173	3041	3044	3049	rBV3	55153	101635	3.64%	0.310%
67	21.420	3082	3086	3089	rBV	126466	203305	7.28%	0.621%
68	21.455	3090	3092	3097	rVB	133148	190153	6.81%	0.581%
69	21.514	3098	3102	3108	rBV2	162400	273662	9.80%	0.836%
70	21.837	3151	3157	3164	rBV3	879006	2029502	72.71%	6.197%
71	21.902	3164	3168	3179	rVB	710290	1293432	46.34%	3.949%
72	22.060	3190	3195	3202	rBV	210736	354706	12.71%	1.083%
73	22.278	3227	3232	3238	rVB2	115668	226711	8.12%	0.692%
74	24.158	3543	3552	3559	rBV	576753	1955417	70.06%	5.970%
75	24.416	3591	3596	3609	rVB	142359	373258	13.37%	1.140%
76	24.916	3674	3681	3695	rVB	332682	1029934	36.90%	3.145%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	25.074	3699	3708	3717	rVB	582333	1624040	58.19%	4.959%
78	25.227	3729	3734	3741	rVB2	132734	303291	10.87%	0.926%
79	29.111	4385	4395	4417	rVB3	219271	1120681	40.15%	3.422%

Sum of corrected areas: 32751661

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
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Instrument :
BNA_G
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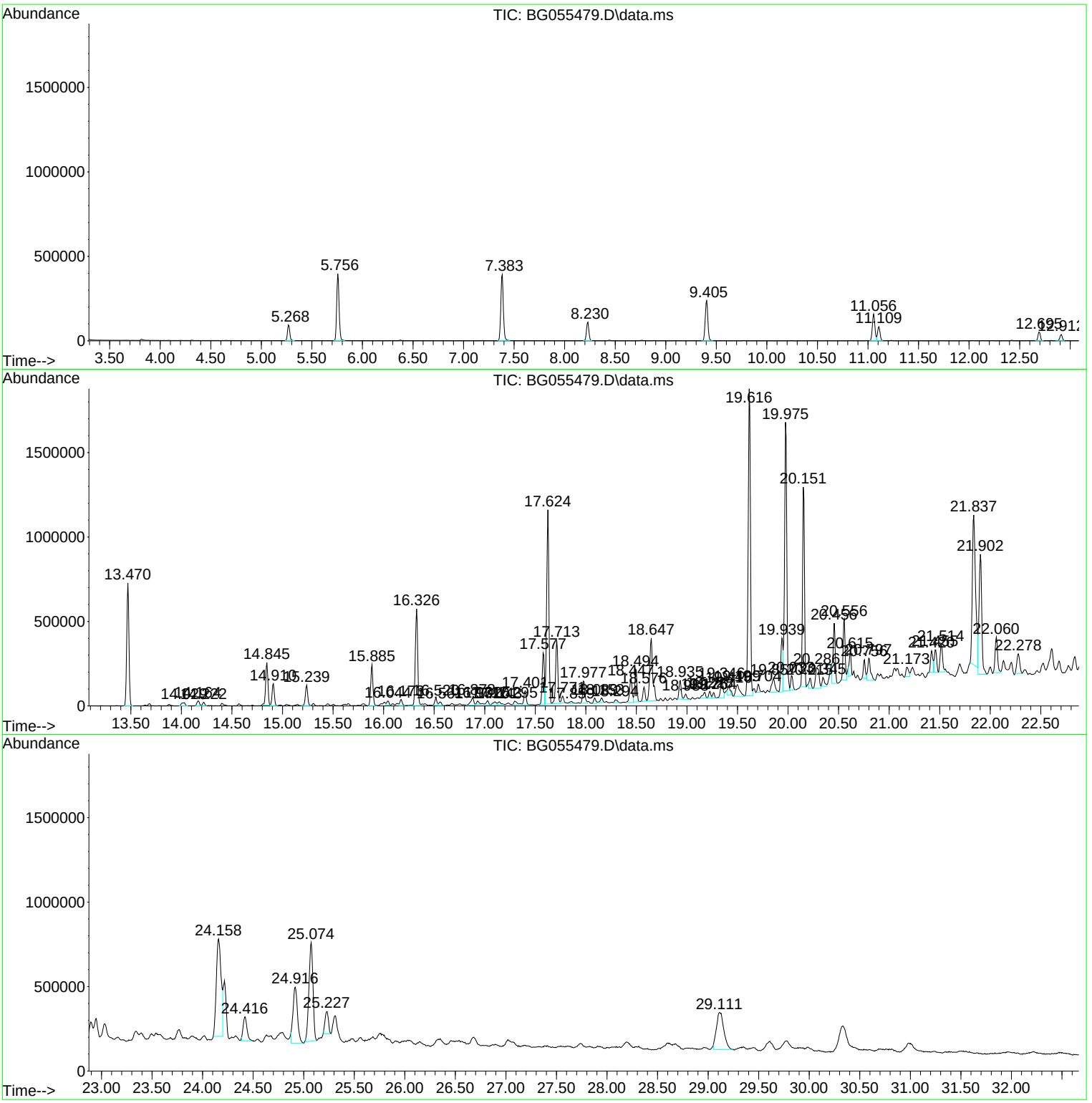
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
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Instrument :
BNA_G
ClientSampleId :
371

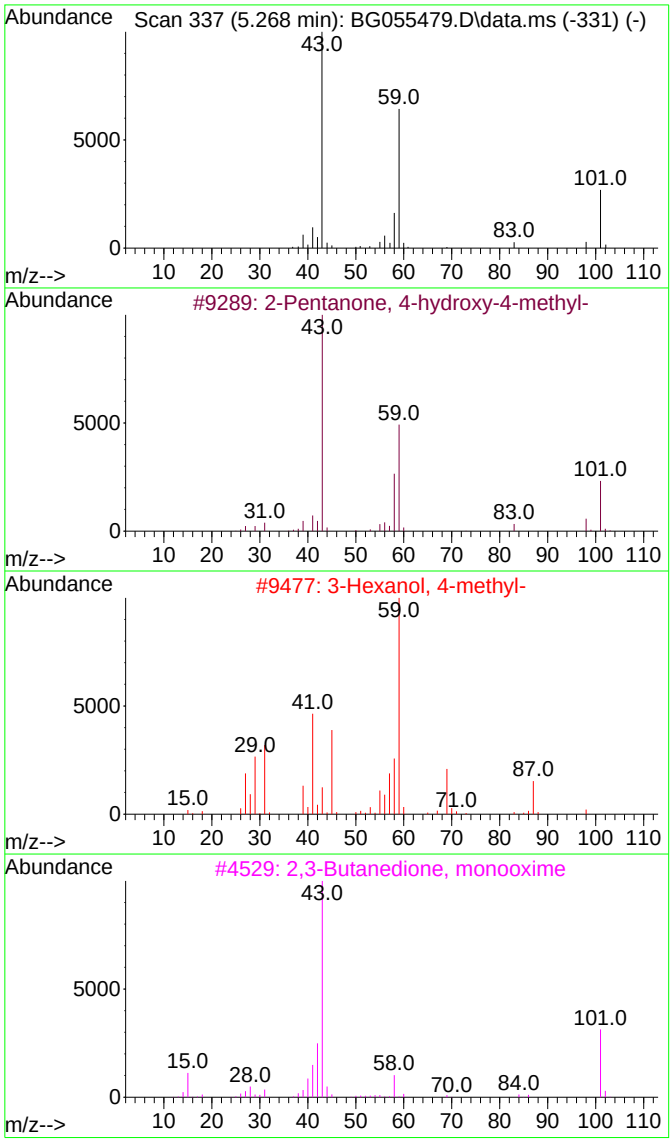
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

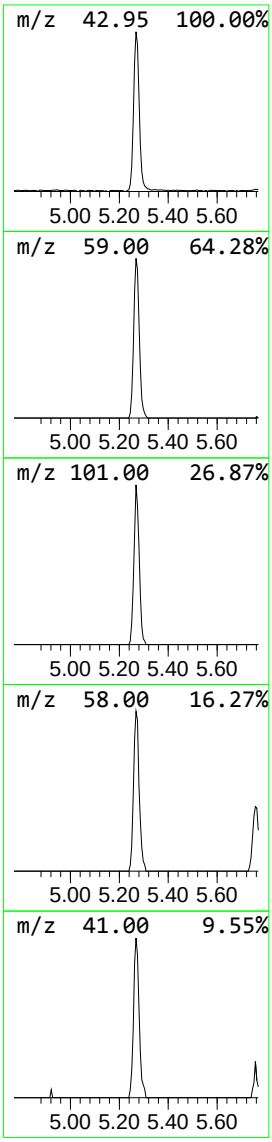
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.268	16.28 ng	144565	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
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Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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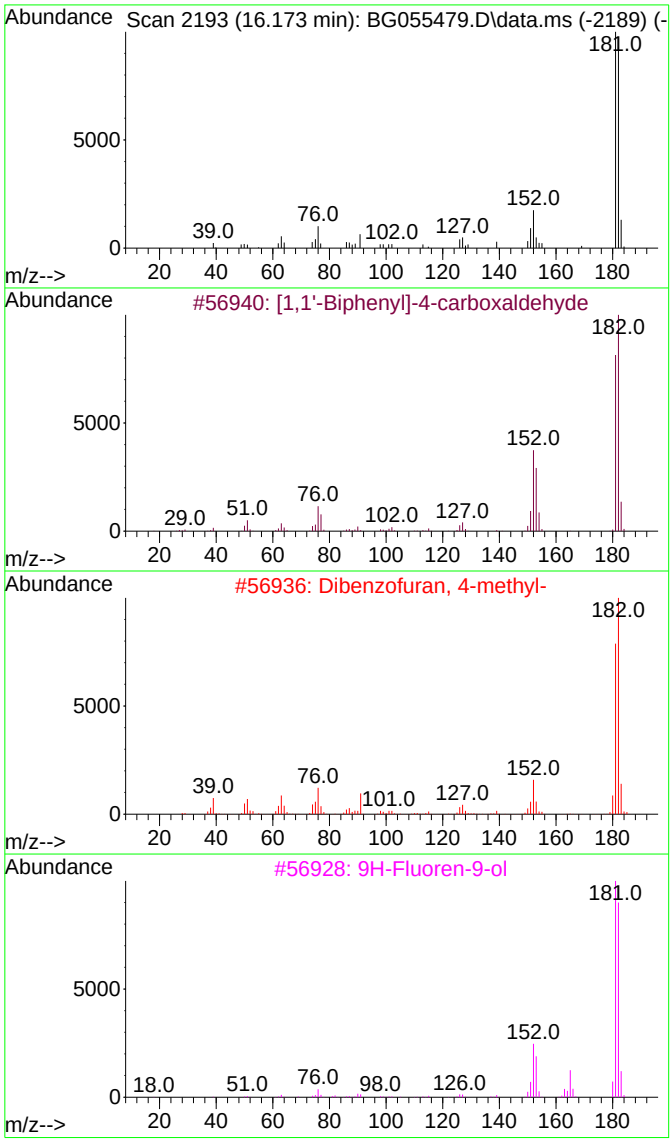
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

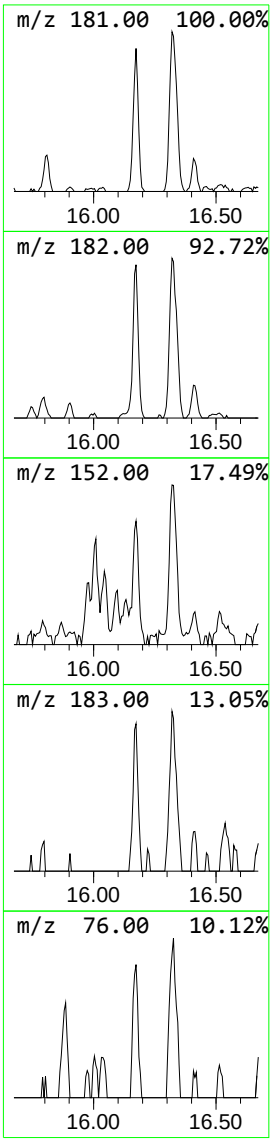
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.173	2.96 ng	56705	Acenaphthene-d10	14.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
5	{2-Ethylimidazo[2,1-b][1,3,4]thi...	182	C7H10N4S	1000459-66-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

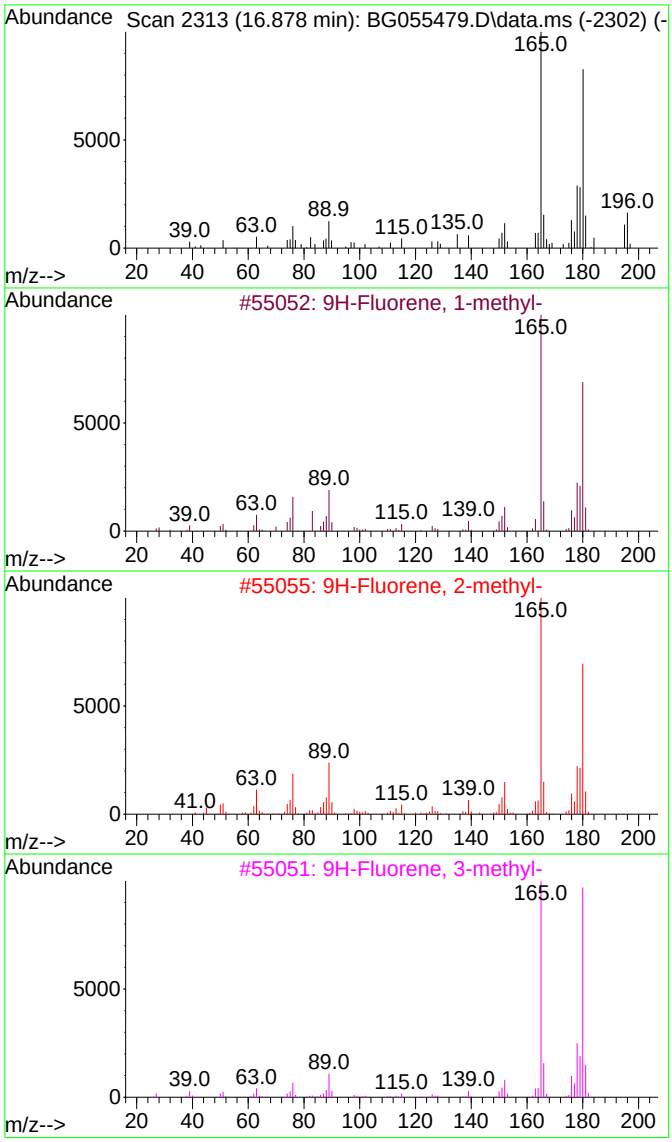
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

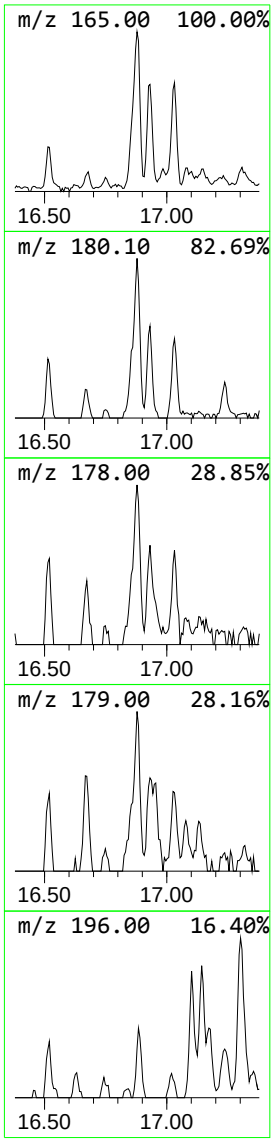
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	3.97 ng	91098	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

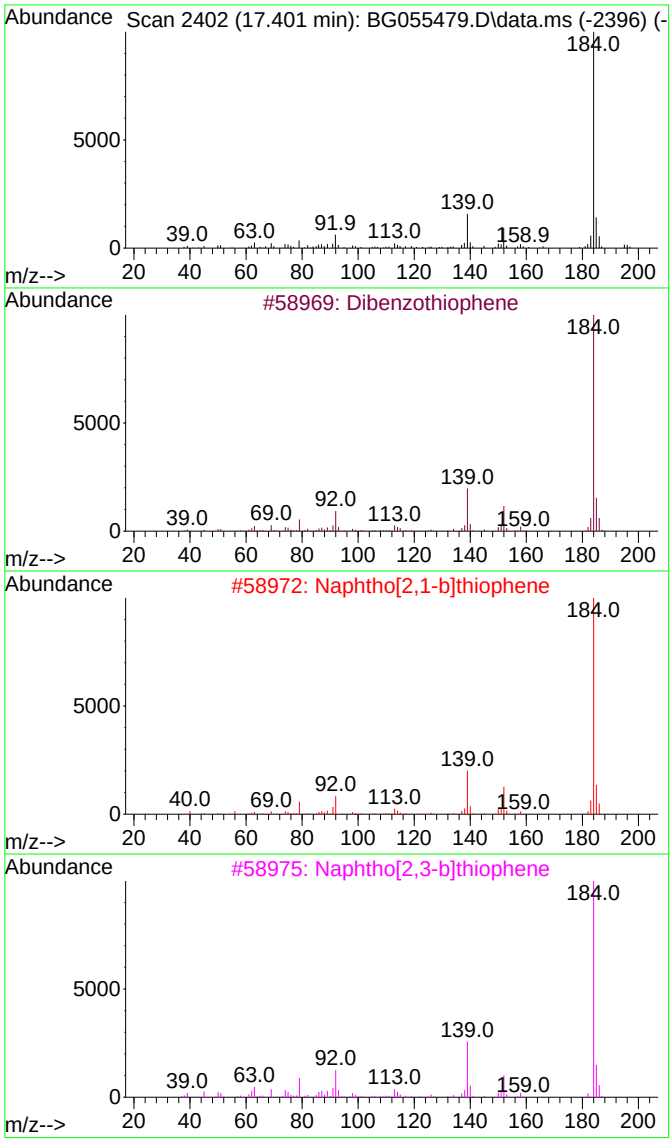
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

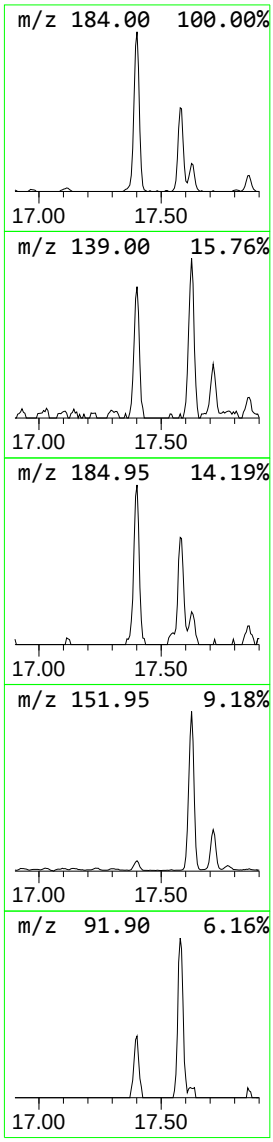
****

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.401	5.58 ng	127914	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

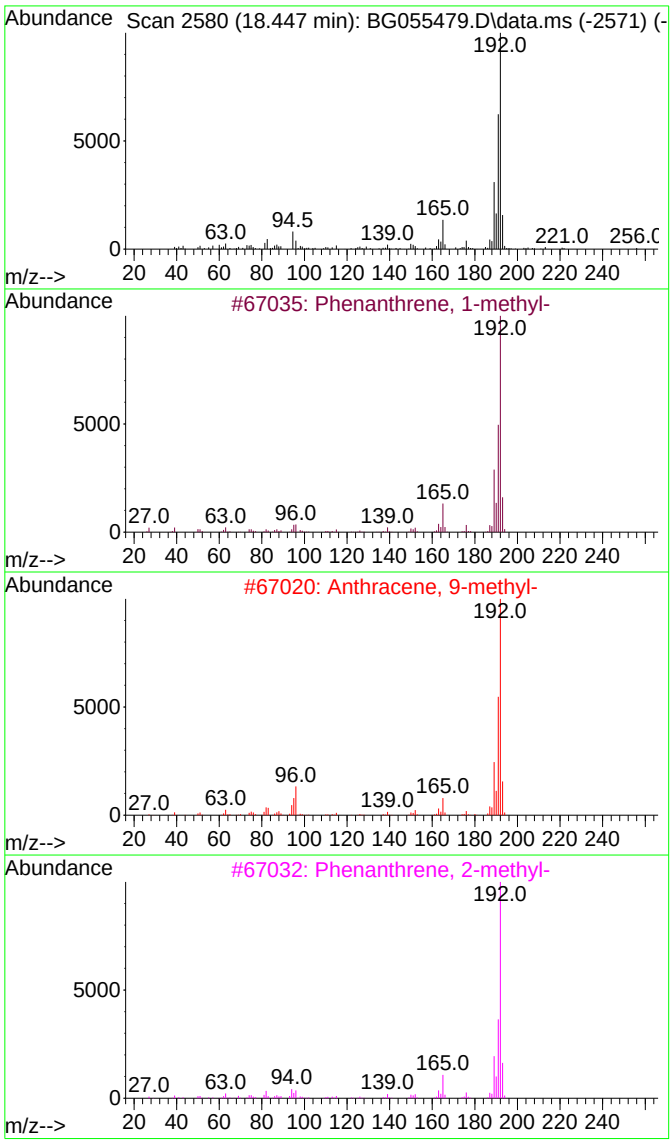
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

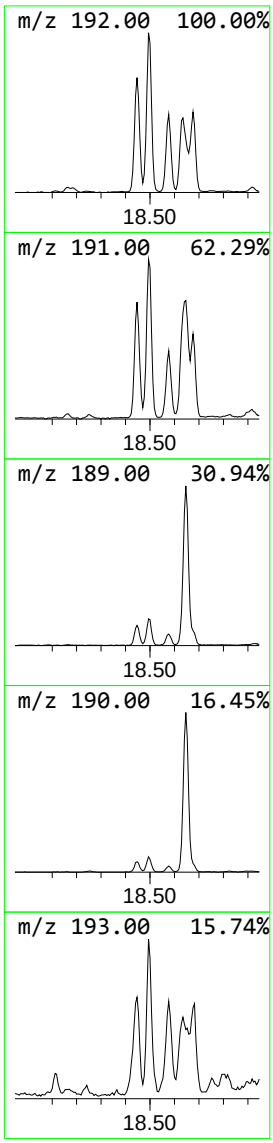
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	10.78 ng	247220	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

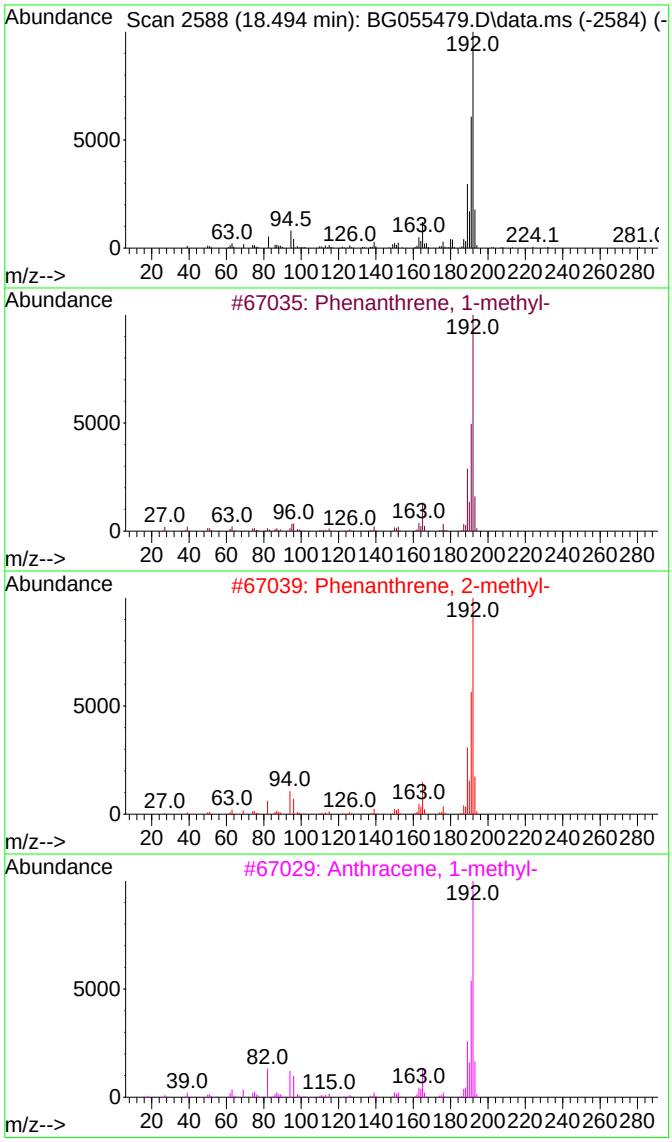
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

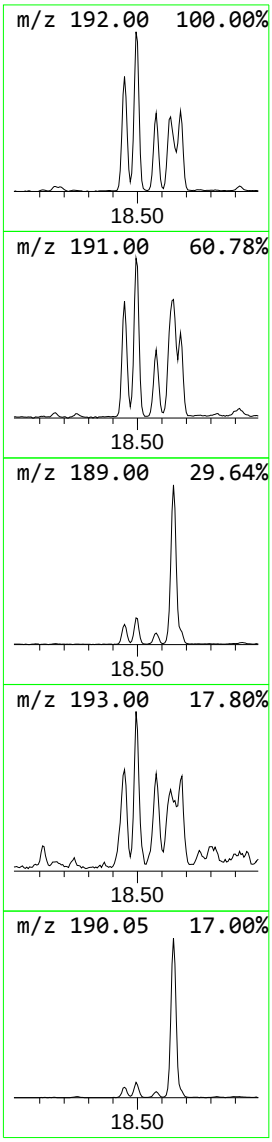
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	12.20 ng	279810	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

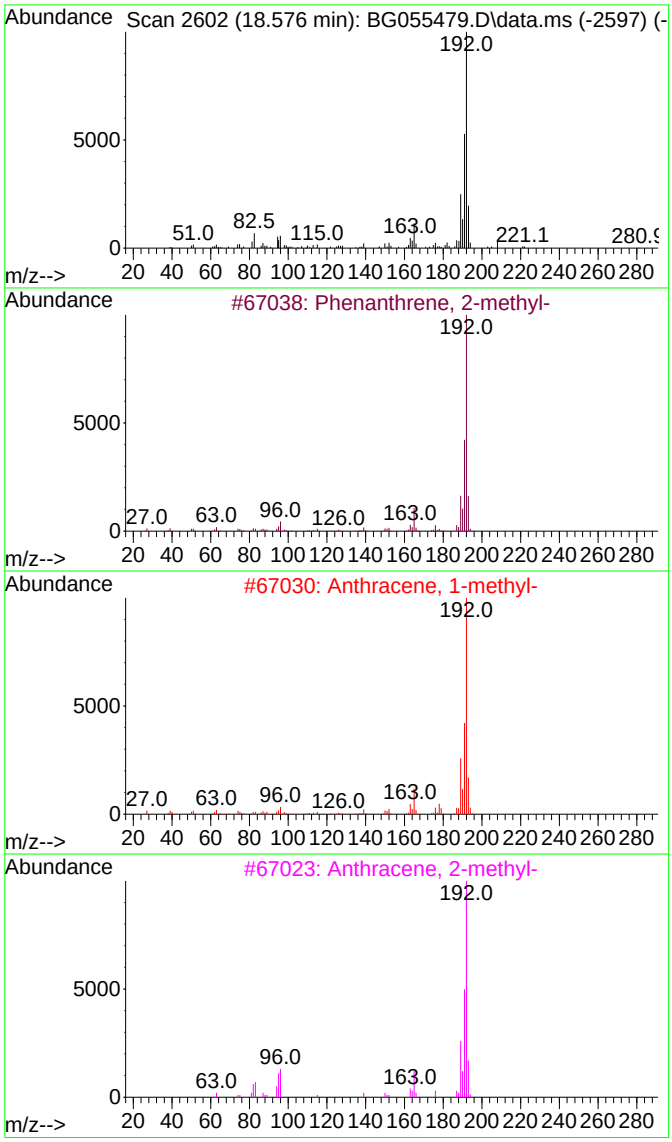
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

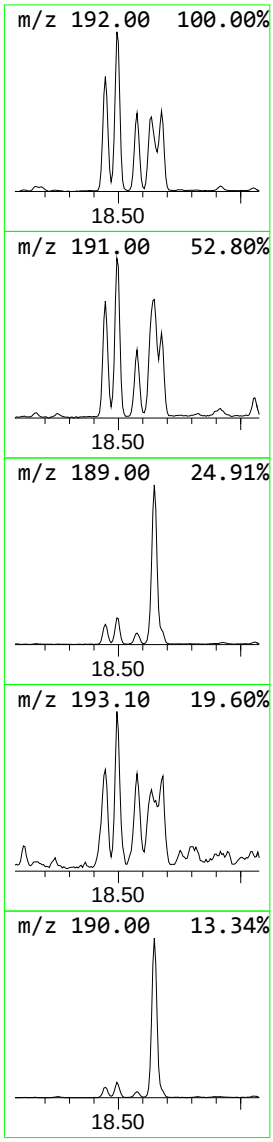
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	5.51 ng	126437	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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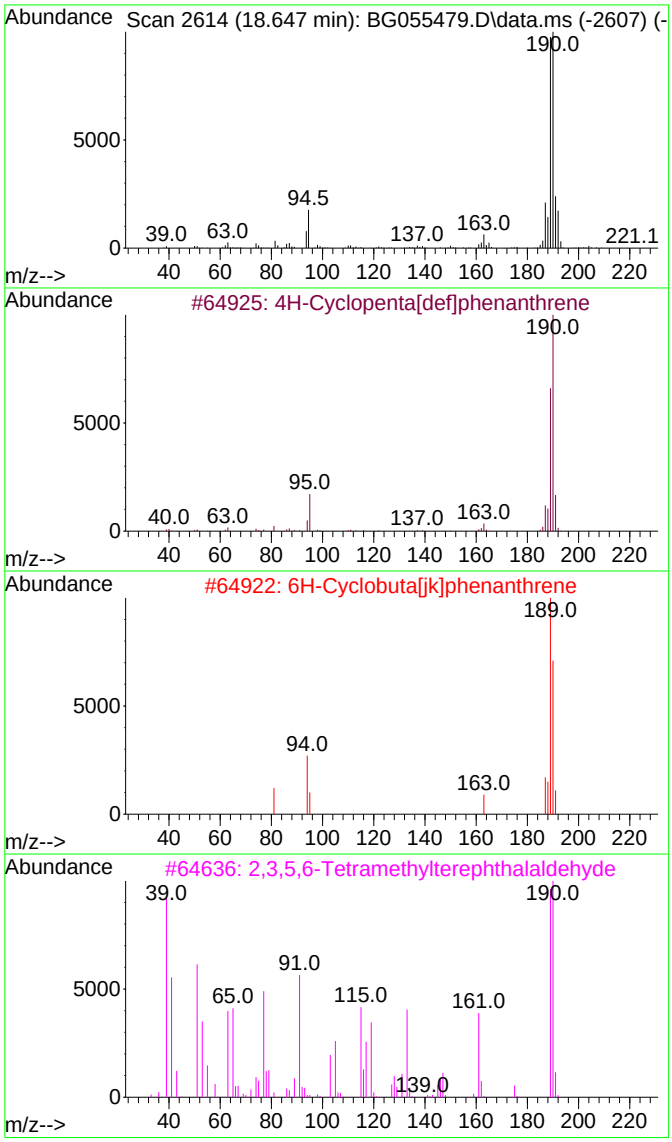
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

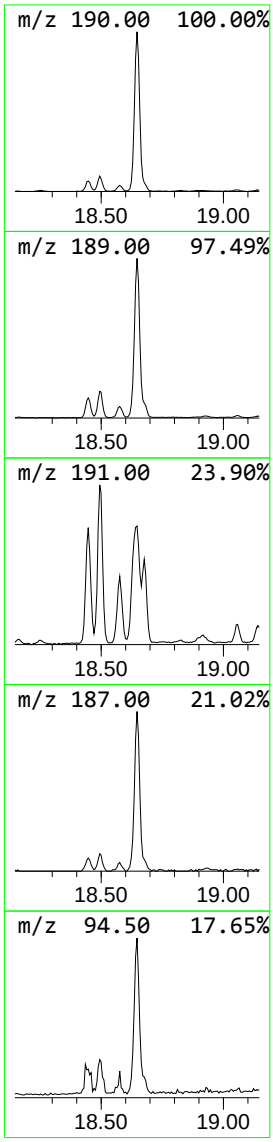
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.647	32.22 ng	739207	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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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

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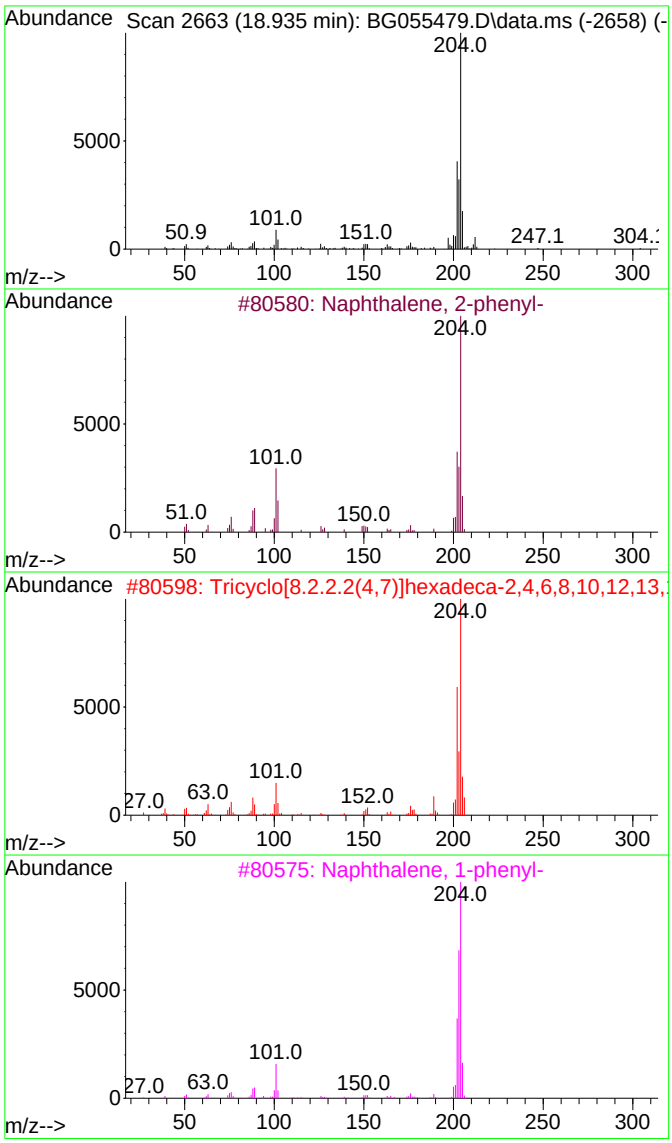
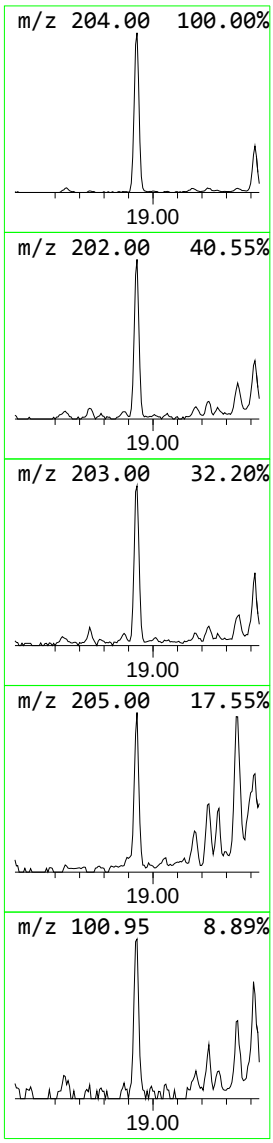
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.935	7.01 ng	160716	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	43





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

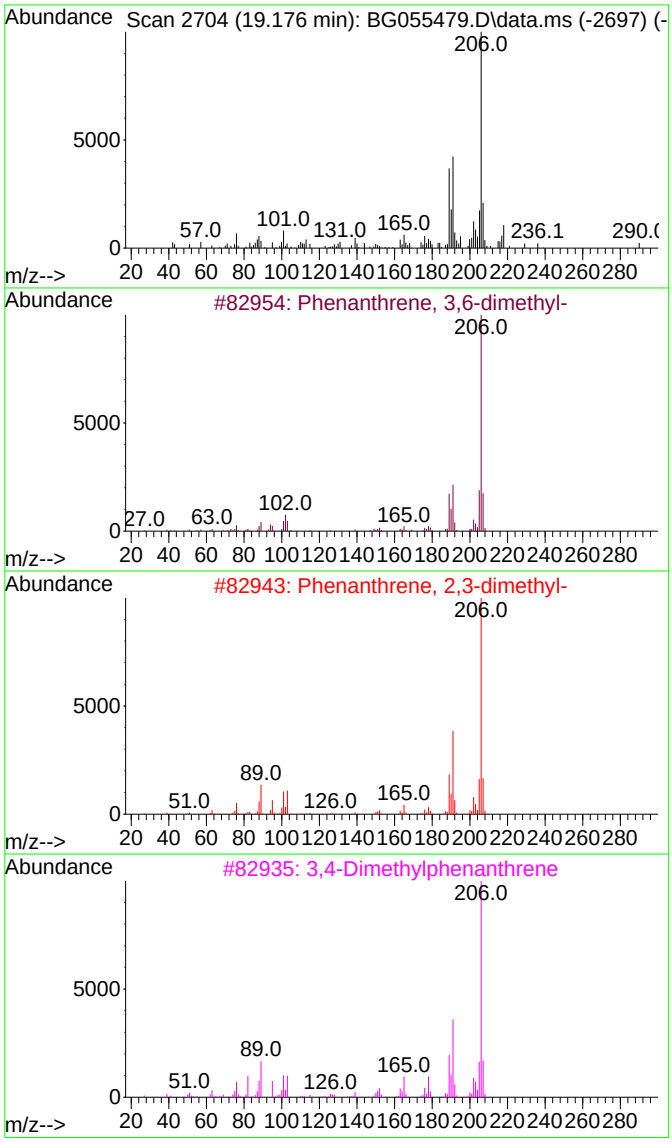
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

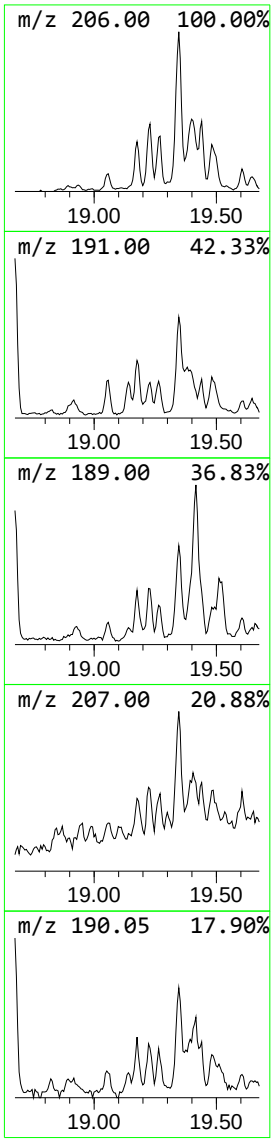
****

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.176	2.91 ng	66857	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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ClientSampleId :
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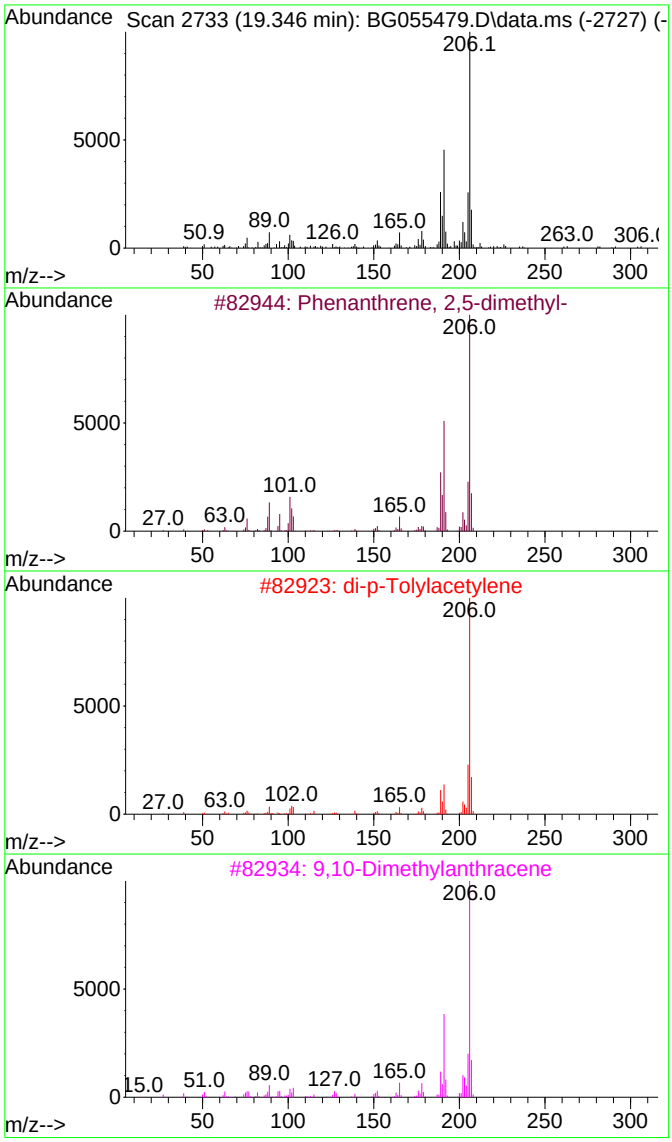
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

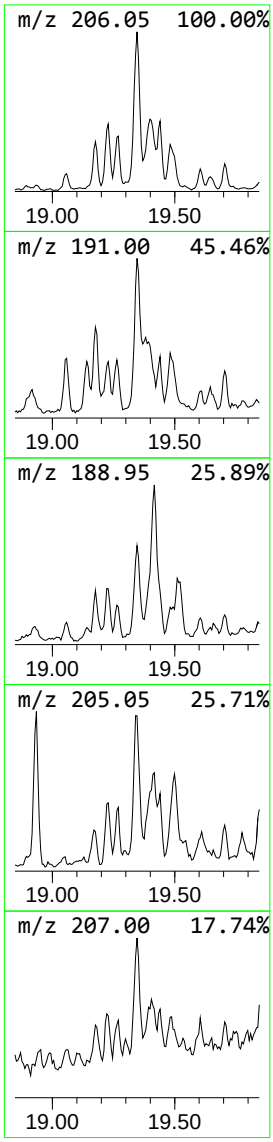
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.346	7.60 ng	174307	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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

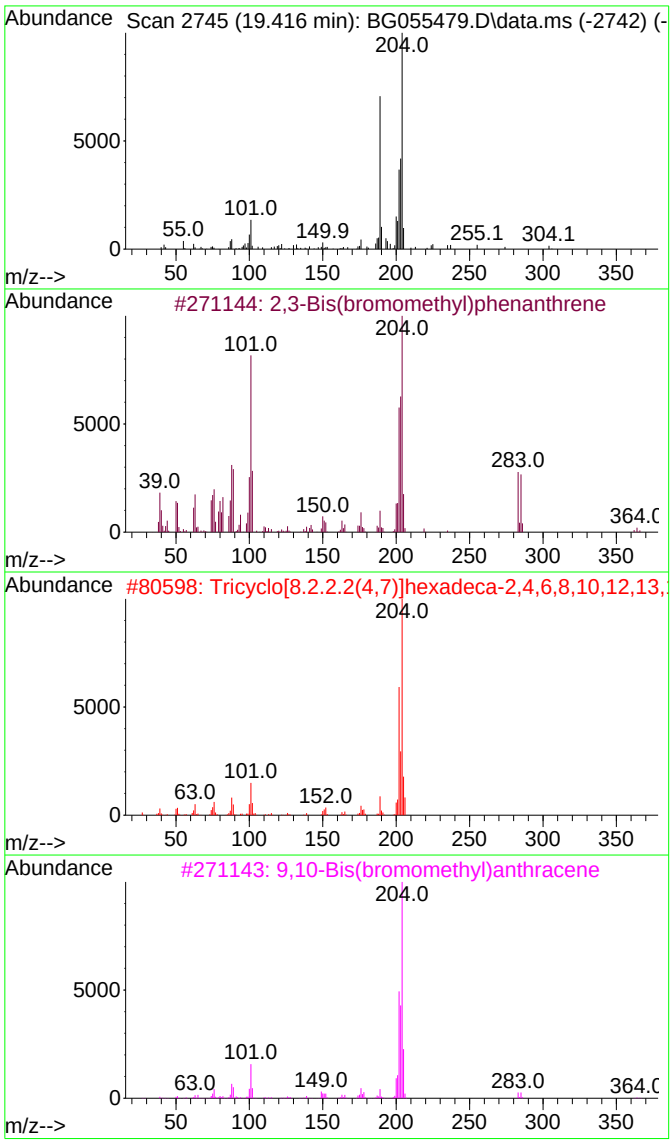
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

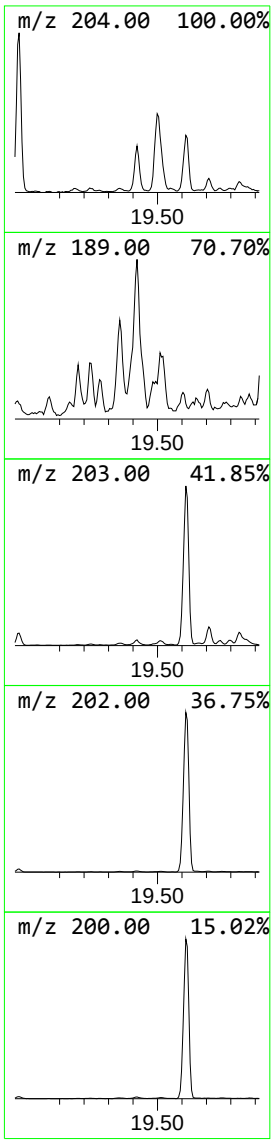
****

Peak Number 12 unknown19.416 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	3.58 ng	82154	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Bis(bromomethyl)phenanthrene	362	C16H12Br2	1000261-29-6	43
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	42
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	40
4	5-Amino-6,8-dimethoxyquinoline	204	C11H12N2O2	1000213-95-2	40
5	1,4-benzenediamine, N4,N4-dimeth...	204	C9H11F3N2	1000400-46-6	38





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ALS Vial : 14 Sample Multiplier: 1

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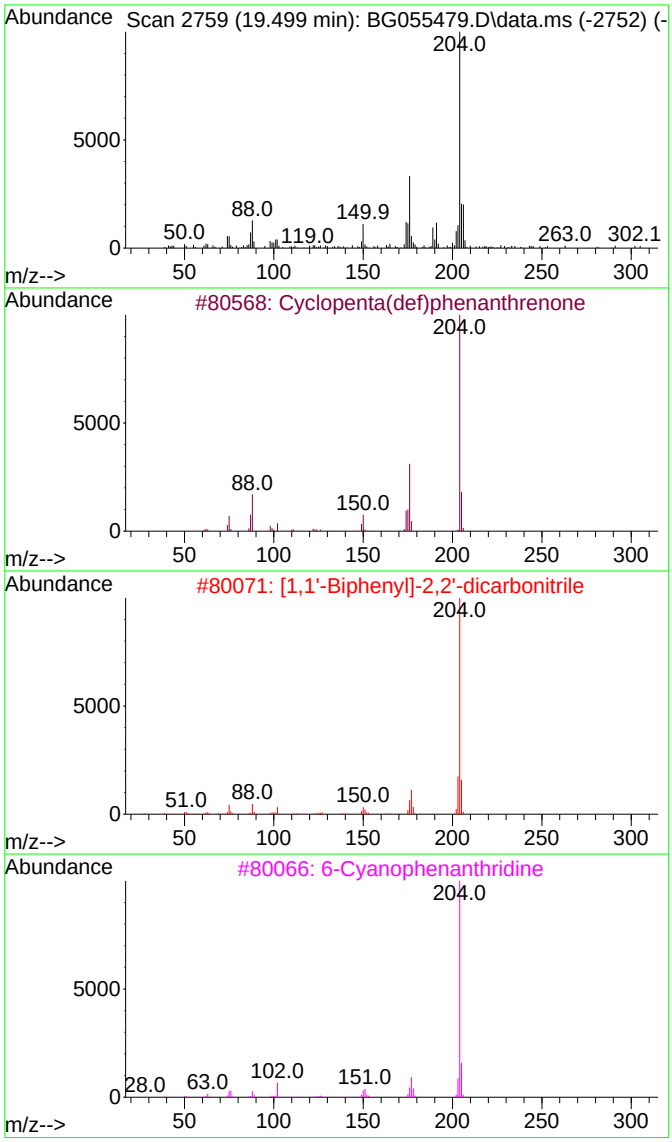
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

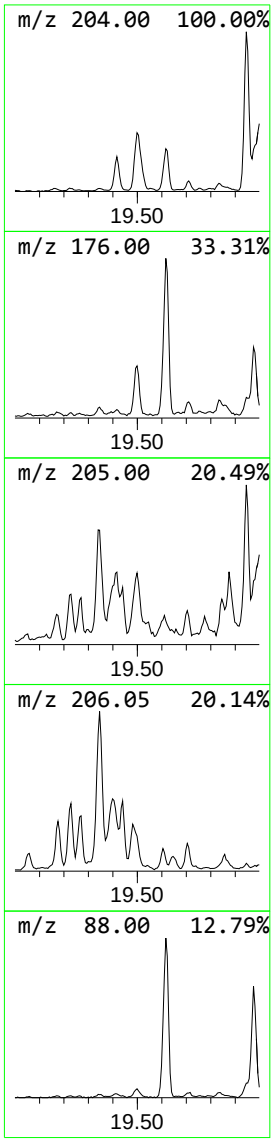
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.499	8.48 ng	194614	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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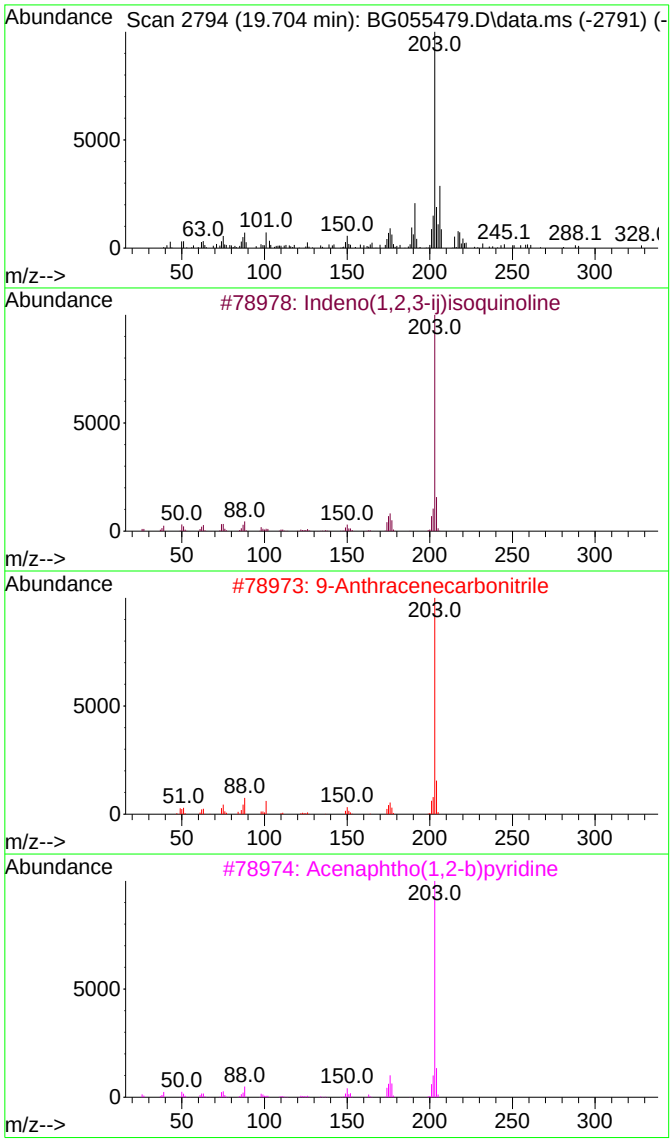
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

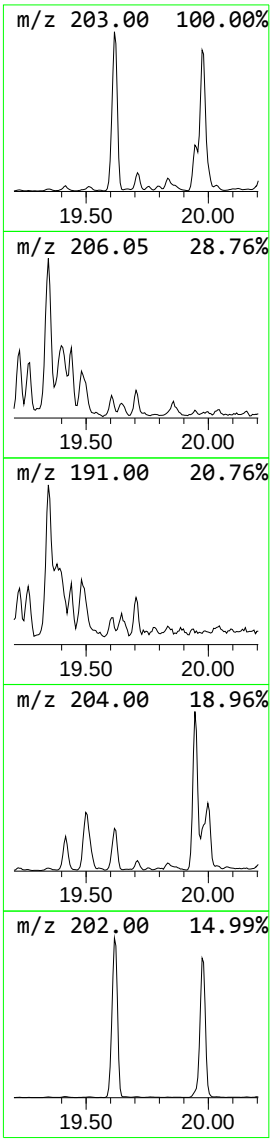
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Indeno(1,2,3-ij)isoquinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.704	2.73 ng	62672	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	91
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	90
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	78





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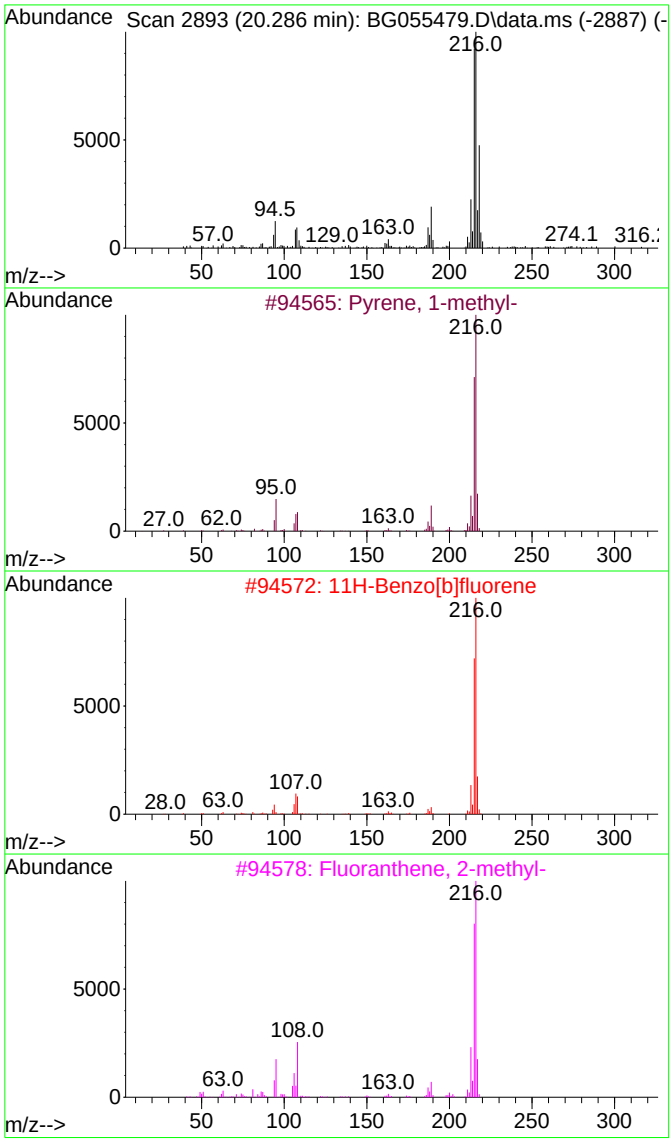
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

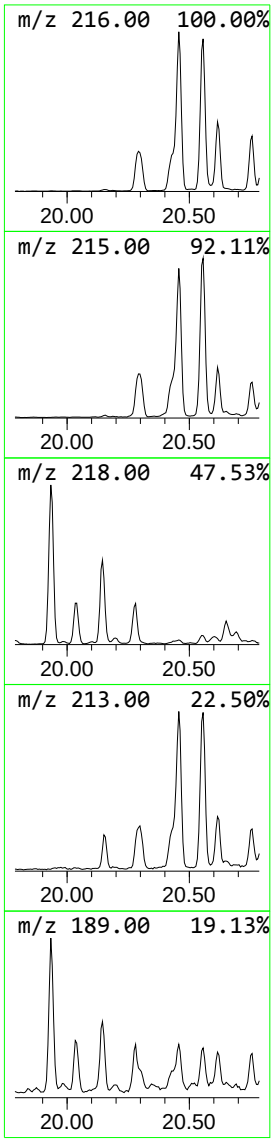
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	2.99 ng	303383	Chrysene-d12	21.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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TIC Library : C:\Database\NIST20.L
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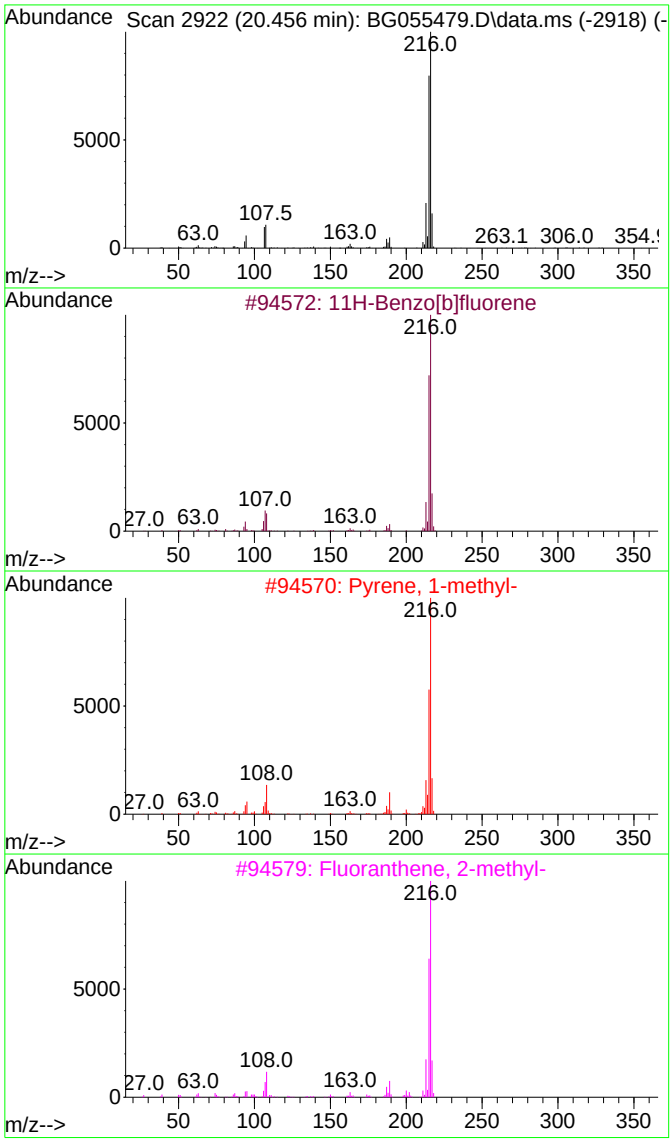
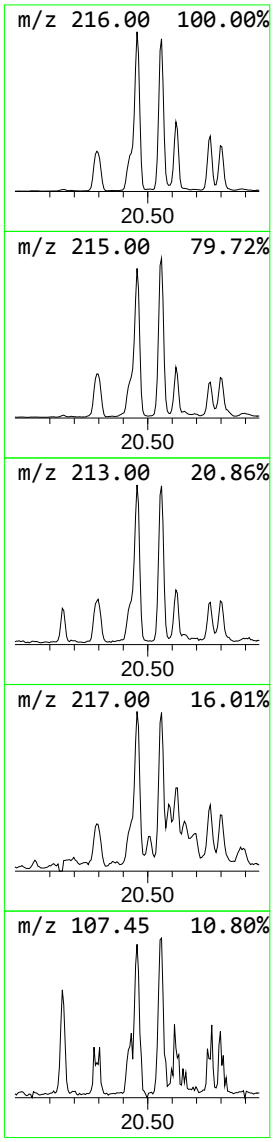
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.456	5.12 ng	519096	Chrysene-d12	21.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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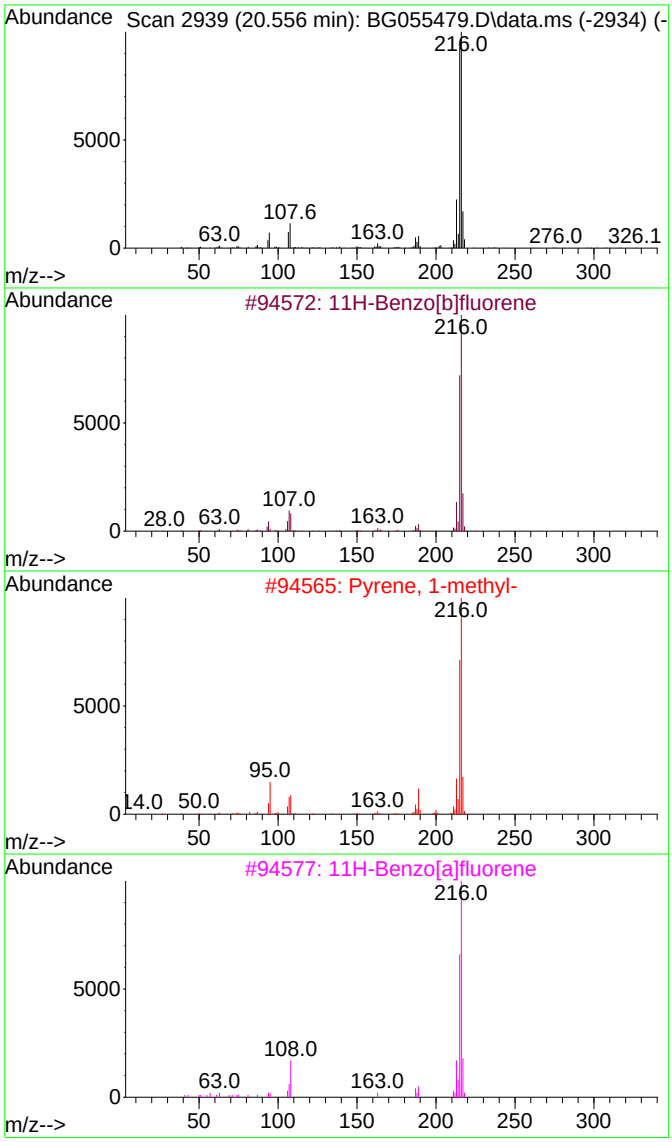
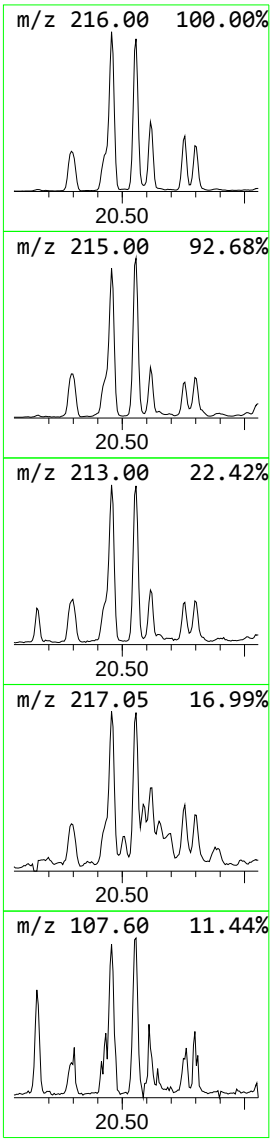
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.556	5.08 ng	515912	Chrysene-d12	21.855

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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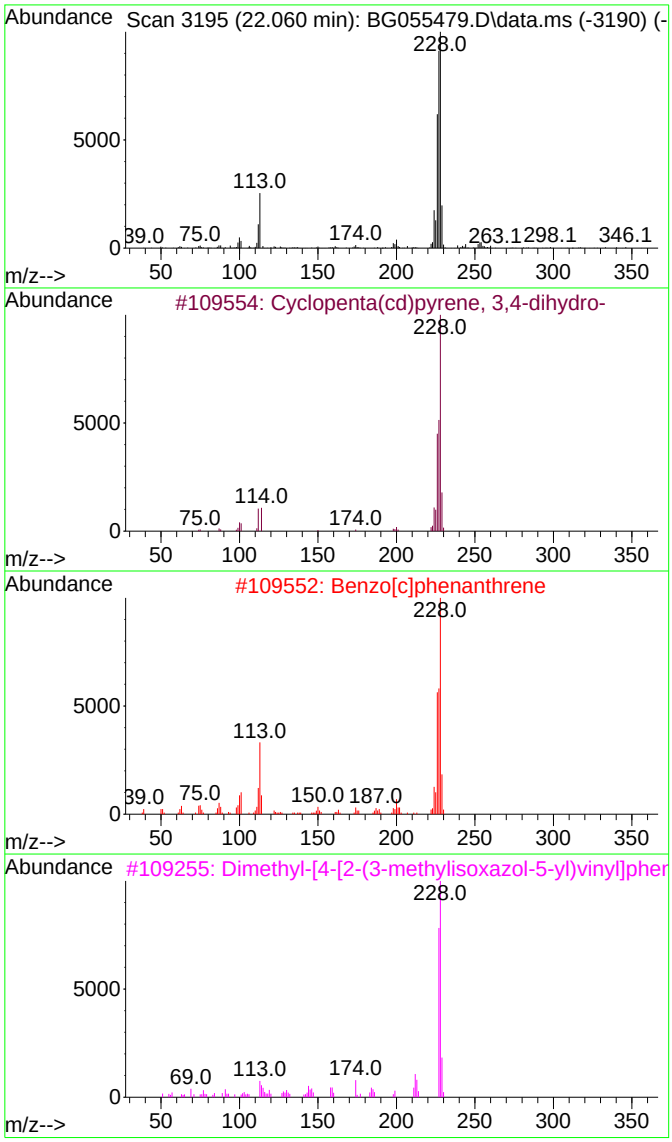
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

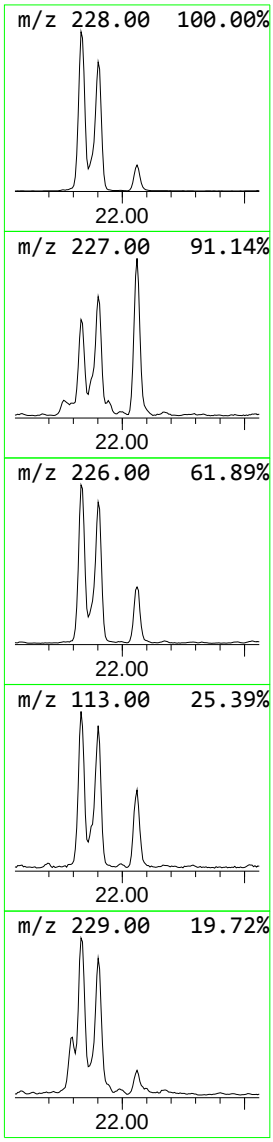
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.060	3.50 ng	354706	Chrysene-d12	21.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	87
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Benz[a]anthracene	228	C18H12	000056-55-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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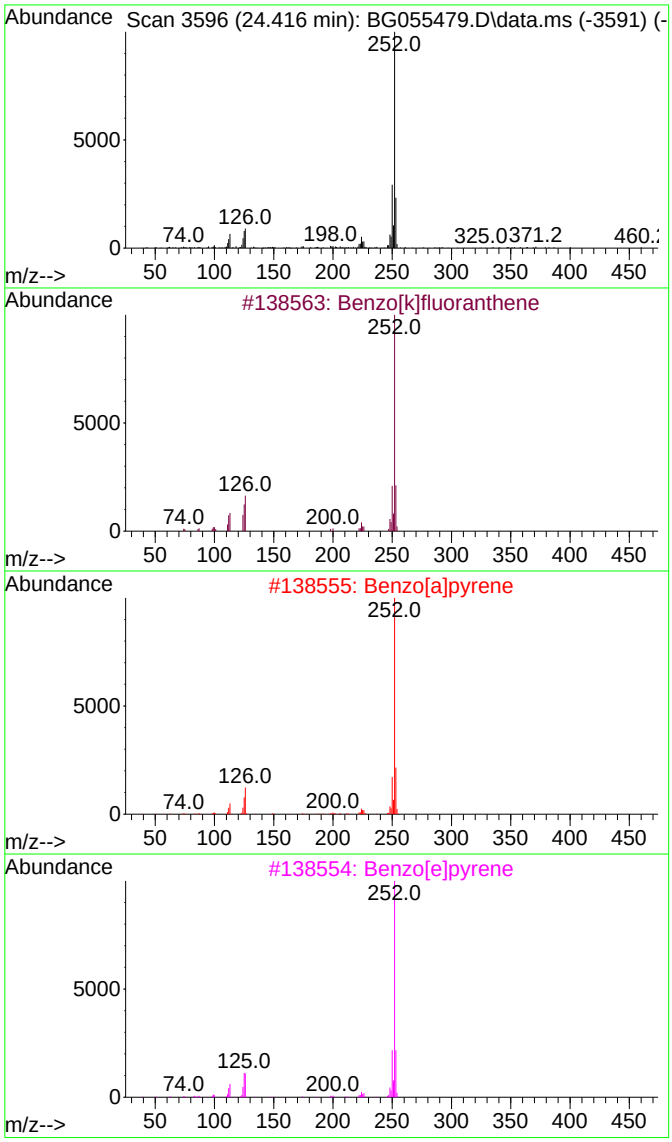
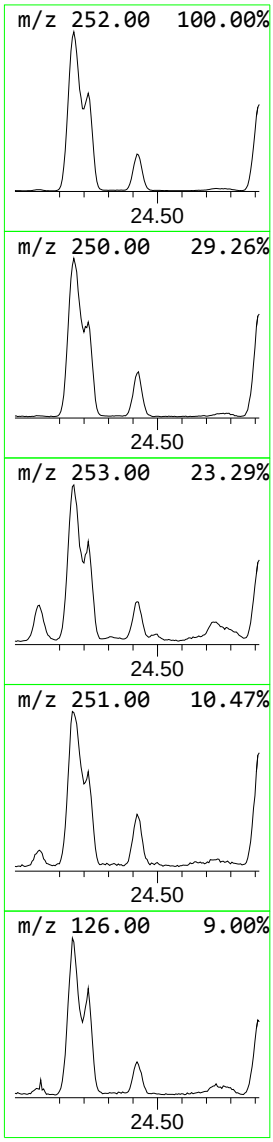
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.416	24.61 ng	373258	Perylene-d12	25.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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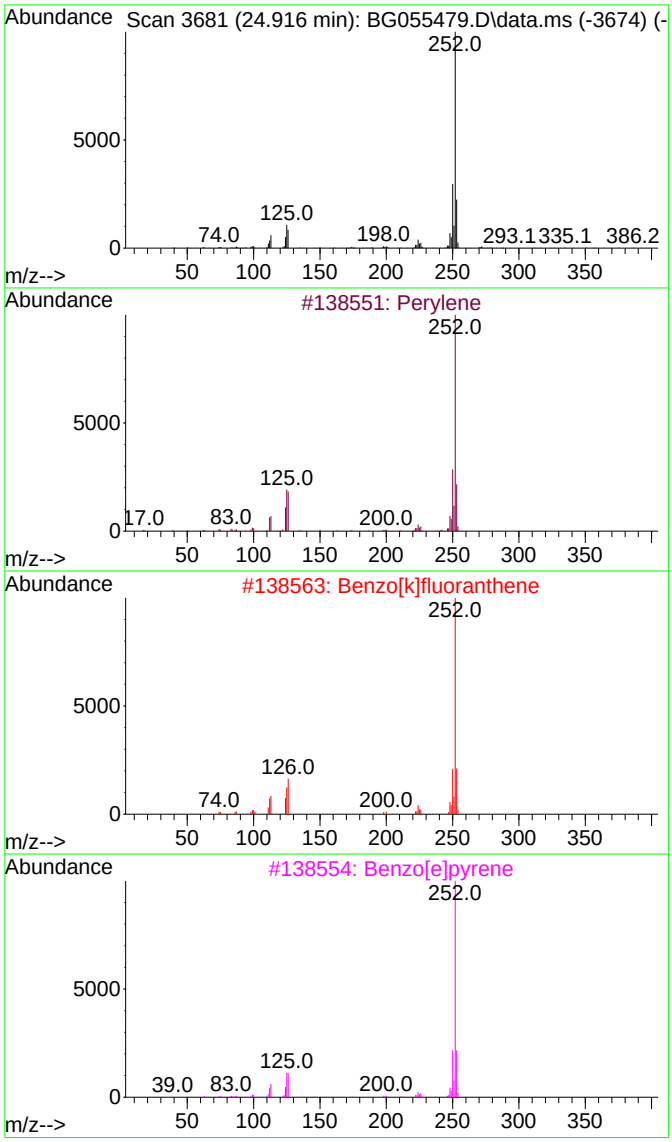
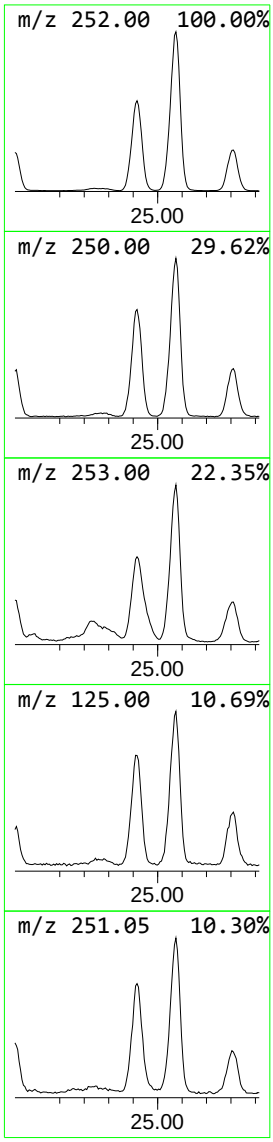
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.916	67.92 ng	1029930	Perylene-d12	25.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055479.D
Acq On : 5 Nov 2022 21:04
Operator : CG/JU
Sample : N5425-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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-...	5.268	16.3	ng	144565	1	8.230	177608	20.0
[1,1'-Biphenyl]...	16.173	3.0	ng	56705	3	14.845	383199	20.0
9H-Fluorene, 1-...	16.878	4.0	ng	91098	4	17.577	458837	20.0
Dibenzothiophene	17.401	5.6	ng	127914	4	17.577	458837	20.0
Phenanthrene, 1...	18.447	10.8	ng	247220	4	17.577	458837	20.0
Phenanthrene, 2...	18.494	12.2	ng	279810	4	17.577	458837	20.0
Anthracene, 1-m...	18.576	5.5	ng	126437	4	17.577	458837	20.0
4H-Cyclopenta[d...	18.647	32.2	ng	739207	4	17.577	458837	20.0
Naphthalene, 2-...	18.935	7.0	ng	160716	4	17.577	458837	20.0
Phenanthrene, 3...	19.176	2.9	ng	66857	4	17.577	458837	20.0
Phenanthrene, 2...	19.346	7.6	ng	174307	4	17.577	458837	20.0
unknown19.416	19.416	3.6	ng	82154	4	17.577	458837	20.0
Cyclopenta(def)...	19.499	8.5	ng	194614	4	17.577	458837	20.0
Indeno(1,2,3-ij...	19.704	2.7	ng	62672	4	17.577	458837	20.0
Pyrene, 1-methyl-	20.286	3.0	ng	303383	5	21.855	2029500	20.0
11H-Benzo[b]flu...	20.456	5.1	ng	519096	5	21.855	2029500	20.0
11H-Benzo[a]flu...	20.556	5.1	ng	515912	5	21.855	2029500	20.0
Cyclopenta(cd)p...	22.060	3.5	ng	354706	5	21.855	2029500	20.0
Benzo[e]pyrene	24.416	24.6	ng	373258	6	25.227	303291	20.0
Perylene	24.916	67.9	ng	1029930	6	25.227	303291	20.0