LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11944

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.041	4	9	20	rVB	158182	235244	21.49%	1.730%
2	5.027	341	347	353	rBV	11356	19006	1.74%	0.140%
3	5.532	427	433	445	rBV	276027	474777	43.37%	3.492%
4	7.159	702	710	722	rBV	317316	556448	50.83%	4.093%
5	7.952	839	845	853	rVB2	100004	164436	15.02%	1.209%
6	9.121	1036	1044	1056	rBV	198389	358295	32.73%	2.635%
7	10.766	1316	1324	1329	rBV	137855	249269	22.77%	1.833%
8	10.813	1329	1332	1341	rVB	20917	33547	3.06%	0.247%
9	13.216	1734	1741	1748	rBV	559149	828714	75.69%	6.095%
10	14.320	1924	1929	1940	rVB3	9031	19155	1.75%	0.141%
11	14.596	1967	1976	1982	rBV	230881	361171	32.99%	2.656%
12	14.661	1982	1987	1993	rVB	32504	48785	4.46%	0.359%
13	14.996	2038	2044	2049	rVB2	22266	33113	3.02%	0.244%
14	15.642	2149	2154	2162	rVB2	36513	58770	5.37%	0.432%
15	15.936	2199	2204	2210	rVB	9631	14745	1.35%	0.108%
16	16.089	2224	2230	2242	rBV	389381	641856	58.63%	4.721%
17	16.323	2266	2270	2276	rVB4	15235	24424	2.23%	0.180%
18	16.647	2318	2325	2331	rVB5	8604	16288	1.49%	0.120%
19	16.999	2380	2385	2393	rVB2	19545	32612	2.98%	0.240%
20	17.070	2393	2397	2404	rBV6	8097	19103	1.74%	0.141%
21	17.164	2409	2413	2418	rVB	19877	29496	2.69%	0.217%
22	17.346	2437	2444	2447	rVV	265829	420362	38.40%	3.092%
23	17.387	2447	2451	2460	rVV	282945	407946	37.26%	3.000%
24	17.475	2461	2466	2471	rVV	47561	76627	7.00%	0.564%
25	17.528	2471	2475	2482	rVV7	6961	13218	1.21%	0.097%
26	17.751	2508	2513	2523	rVV	39427	77431	7.07%	0.570%
27	17.857	2528	2531	2538	rVB4	11379	17537	1.60%	0.129%
28	17.927	2539	2543	2550	rVB7	10369	18182	1.66%	0.134%
29	17.998	2550	2555	2559	rBV2	34456	44754	4.09%	0.329%
30	18.139	2575	2579	2585	rVB9	6398	12428	1.14%	0.091%
31	18.233	2588	2595	2598	rBV3	62897	125954	11.50%	0.926%
32	18.268	2598	2601	2609	rVB2	59962	92155	8.42%	0.678%
33	18.350	2611	2615	2620	rVB	18038	29070	2.66%	0.214%
34	18.415	2620	2626	2630	rBV2	76026	129697	11.85%	0.954%
35	18.526	2640	2645	2648	rBV7	10386	19398	1.77%	0.143%
36	18.714	2673	2677	2681	rBV	33907	49188	4.49%	0.362%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11944

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.761	2681	2685	2691	rVB	85594	126008	11.51%	0.927%
38	18.955	2715	2718	2725	rVB7	15504	24305	2.22%	0.179%
39	19.014	2725	2728	2731	rVB2	10564	12699	1.16%	0.093%
40	19.049	2731	2734	2738	rBV5	13788	17304	1.58%	0.127%
41	19.137	2743	2749	2752	rBV	29326	59549	5.44%	0.438%
42	19.278	2768	2773	2779	rBV	64609	109195	9.97%	0.803%
43	19.402	2787	2794	2800	rBV	761611	1065737	97.34%	7.839%
44	19.455	2800	2803	2807	rVB6	13081	16893	1.54%	0.124%
45	19.507	2808	2812	2816	rBV6	28815	44877	4.10%	0.330%
46	19.596	2823	2827	2831	rBV4	16592	25426	2.32%	0.187%
47	19.643	2831	2835	2838	rVV	20422	27483	2.51%	0.202%
48	19.731	2845	2850	2851	rBV	105291	144221	13.17%	1.061%
49	19.760	2851	2855	2862	rVV	522289	777044	70.98%	5.715%
50	19.831	2864	2867	2874	rVB	30869	45457	4.15%	0.334%
51	19.954	2881	2888	2893	rBV	841046	1094810	100.00%	8.052%
52	20.089	2904	2911	2917	rBV4	44439	128951	11.78%	0.948%
53	20.224	2928	2934	2935	rBV4	44704	74337	6.79%	0.547%
54	20.253	2935	2939	2944	rVB	90139	139551	12.75%	1.026%
55	20.353	2951	2956	2959	rBV	75928	104898	9.58%	0.772%
56	20.412	2961	2966	2970	rVV2	39658	71300	6.51%	0.524%
57	20.553	2986	2990	2993	rBV	36376	52135	4.76%	0.383%
58	20.594	2994	2997	3000	rVV3	43062	59563	5.44%	0.438%
59	20.635	3002	3004	3008	rVB	36513	39101	3.57%	0.288%
60	21.011	3064	3068	3074	rVB	70078	104280	9.52%	0.767%
61	21.187	3093	3098	3102	rBV2	67322	115428	10.54%	0.849%
62	21.240	3103	3107	3111	rVV2	75226	113284	10.35%	0.833%
63	21.346	3122	3125	3130	rVB	61212	85253	7.79%	0.627%
64	21.481	3143	3148	3154	rVB	259186	361226	32.99%	2.657%
65	21.605	3161	3169	3174	rBV3	320422	826306	75.47%	6.078%
66	21.652	3174	3177	3189	rVB	249235	414837	37.89%	3.051%
67	21.834	3200	3208	3213	rBV2	148805	282551	25.81%	2.078%
68	23.784	3533	3540	3546	rBV2	162921	461766	42.18%	3.396%
69	24.495	3656	3661	3670	rVB	89456	231509	21.15%	1.703%
70	24.636	3680	3685	3694	rVB	80608	207524	18.96%	1.526%
71	24.788	3703	3711	3718	rBV2	140645	377980	34.52%	2.780%

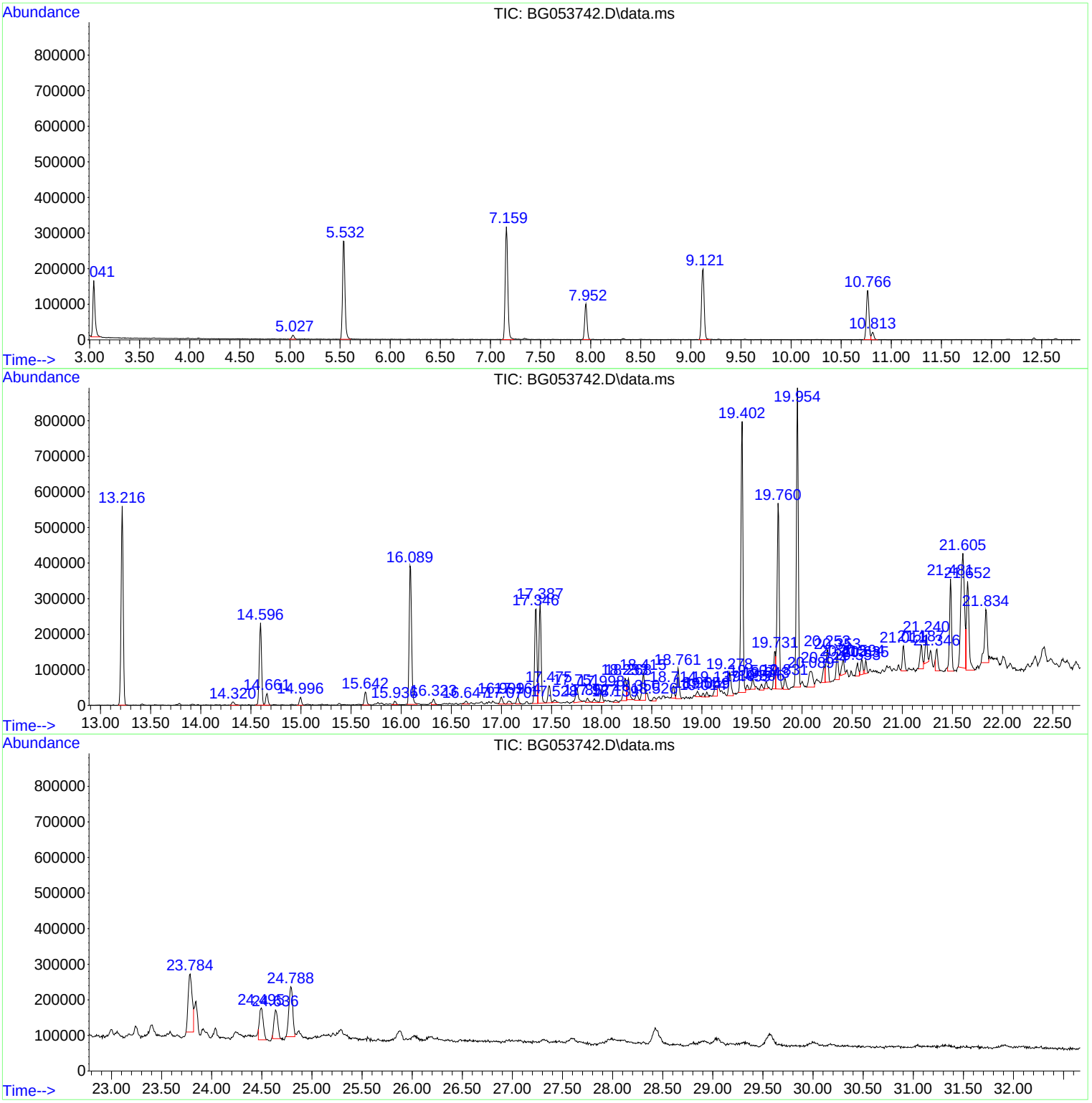
Sum of corrected areas: 13595989

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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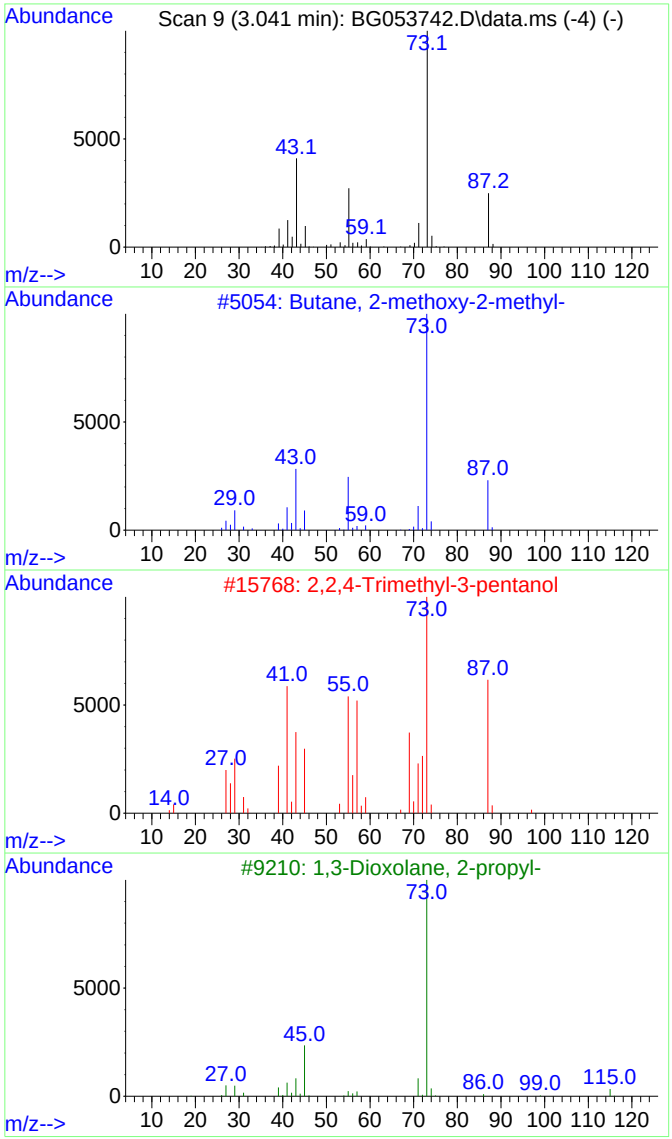
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

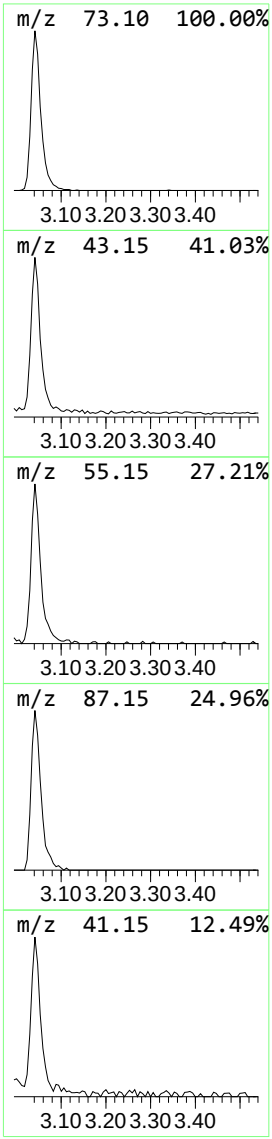
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.041	28.61 ng	235244	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

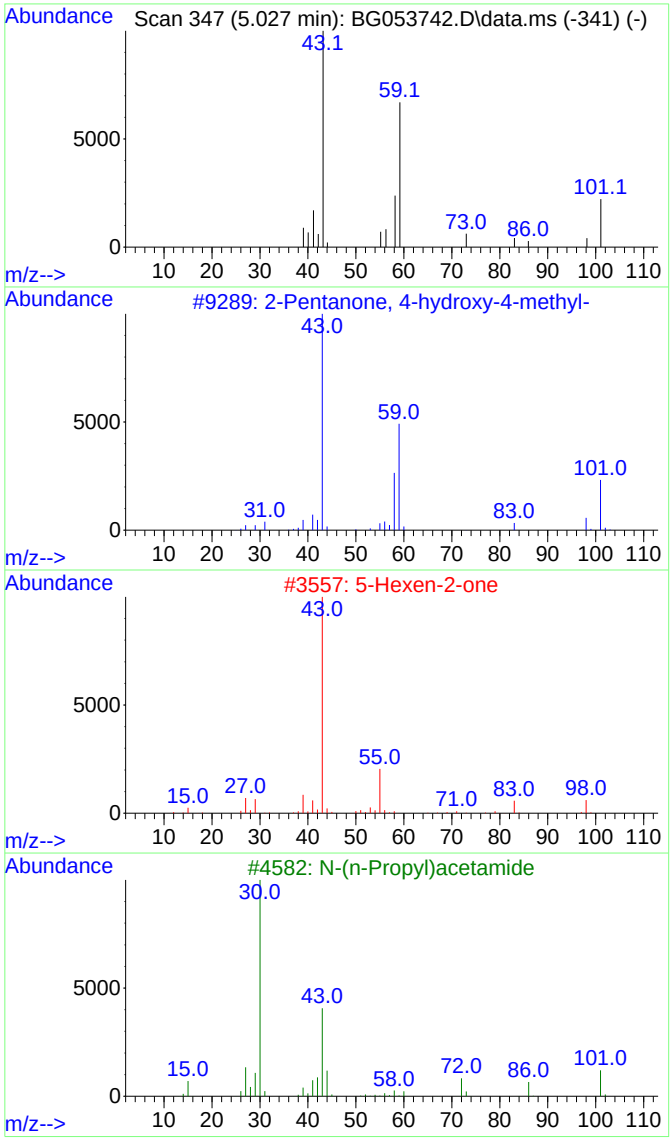
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

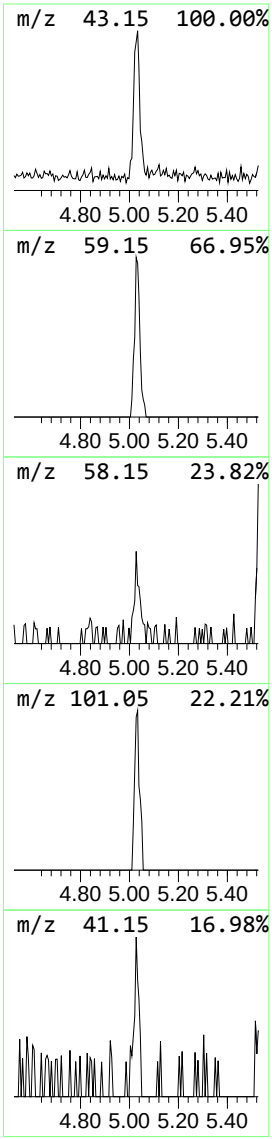
****

Peak Number 2 unknown5.027 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.027	2.31 ng	19006	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Acetone	58	C3H6O	000067-64-1	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

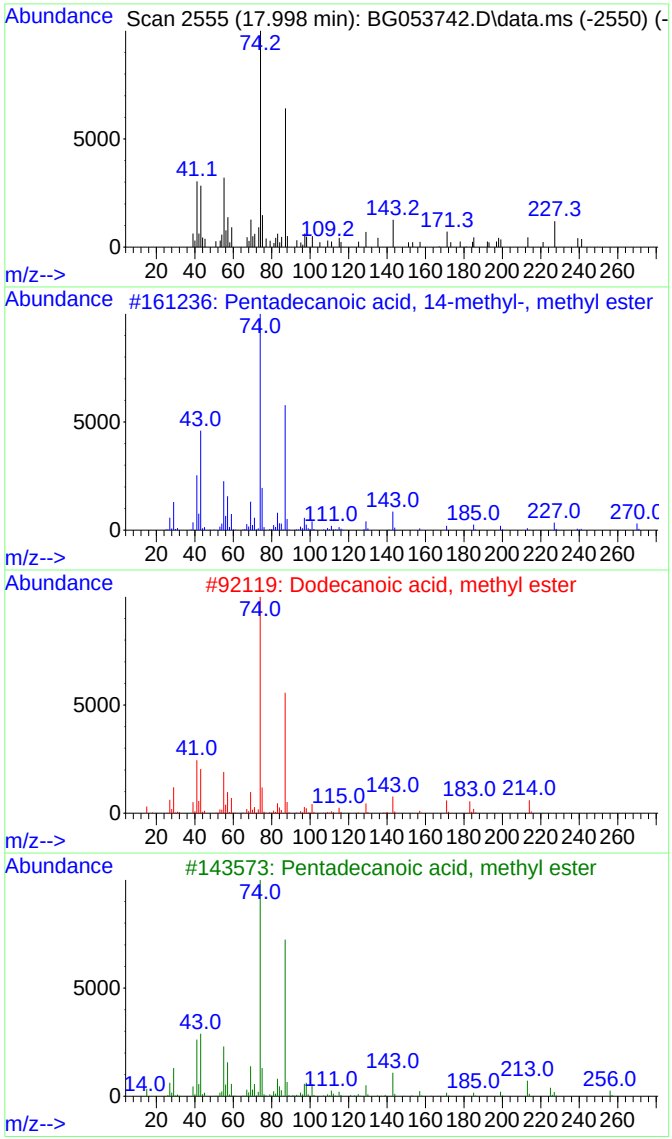
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

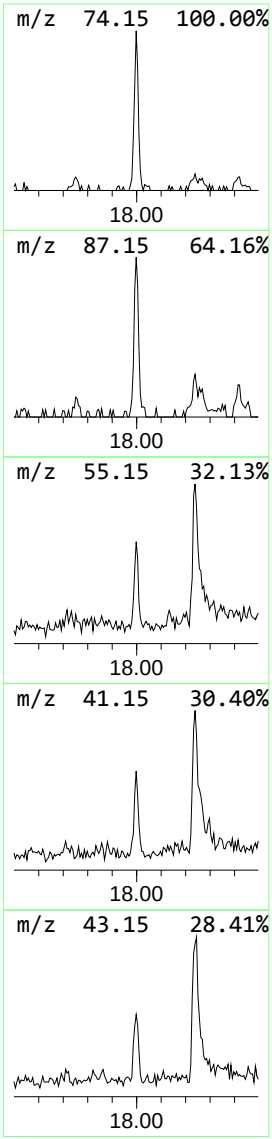
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecanoic acid, 14-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	2.13 ng	44754	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	72
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	64
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	64
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	64
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

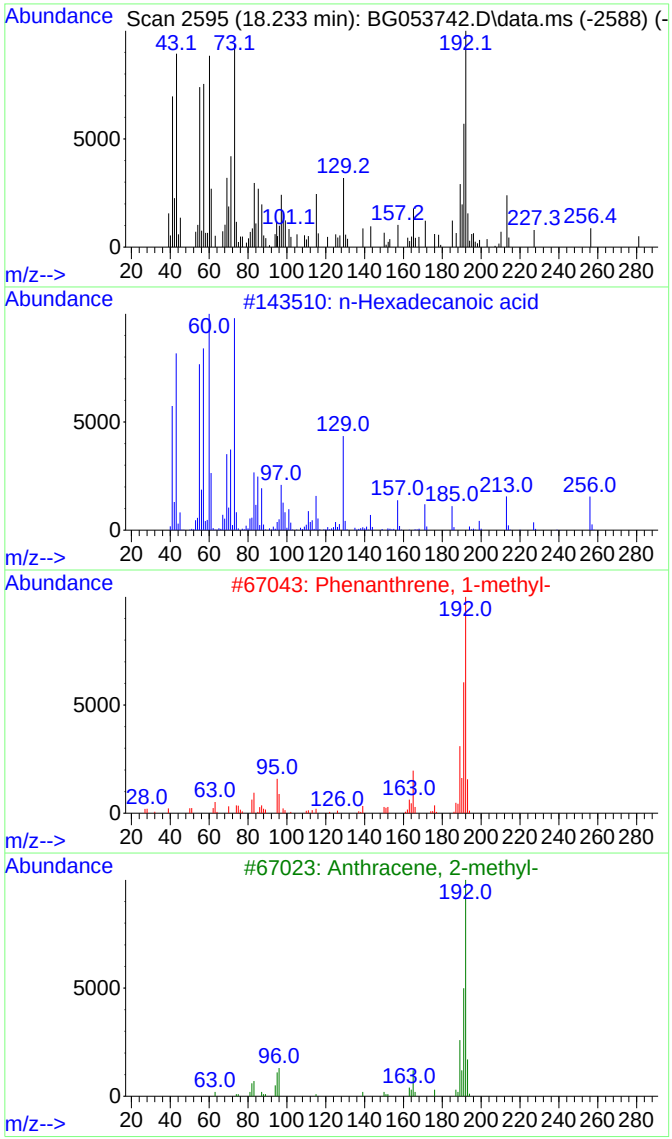
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

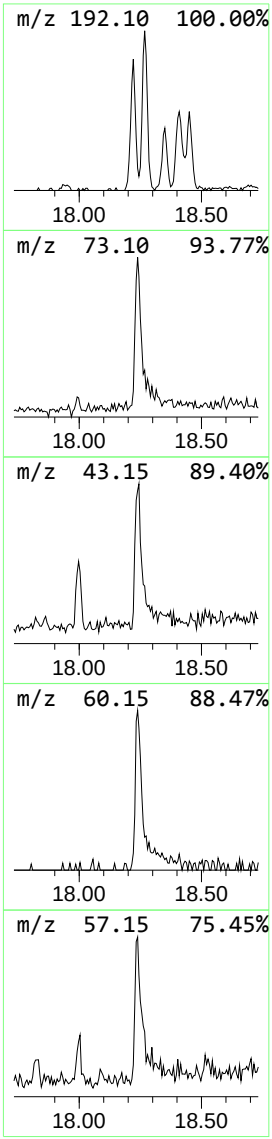
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.99 ng	125954	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
4	Tridecanoic acid	214	C13H26O2	000638-53-9	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

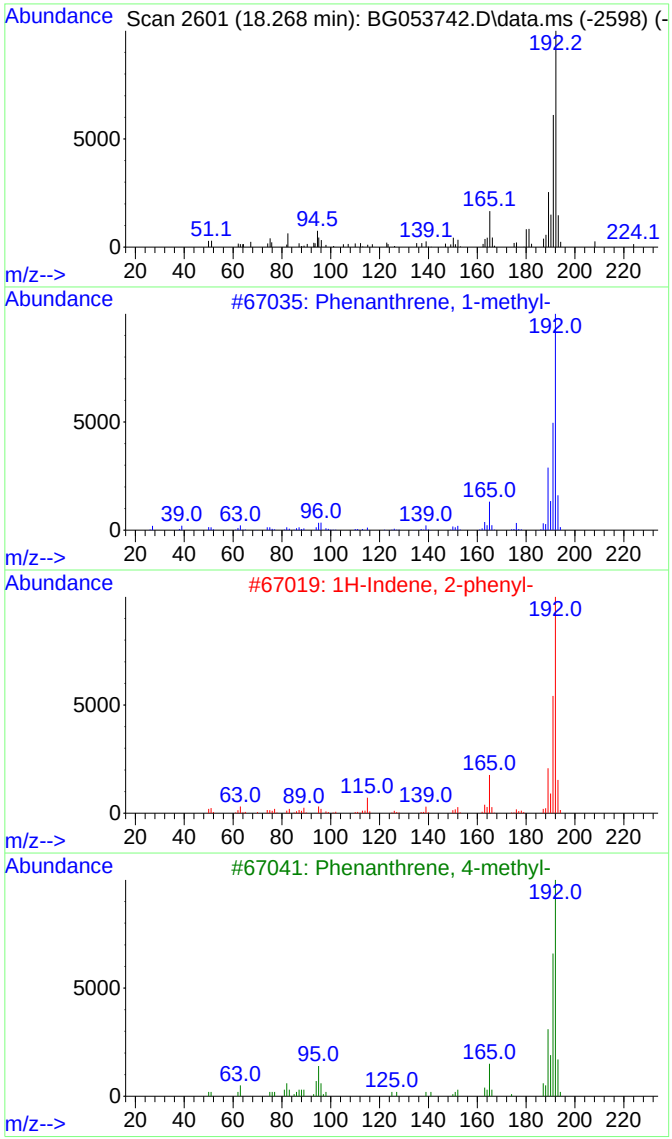
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

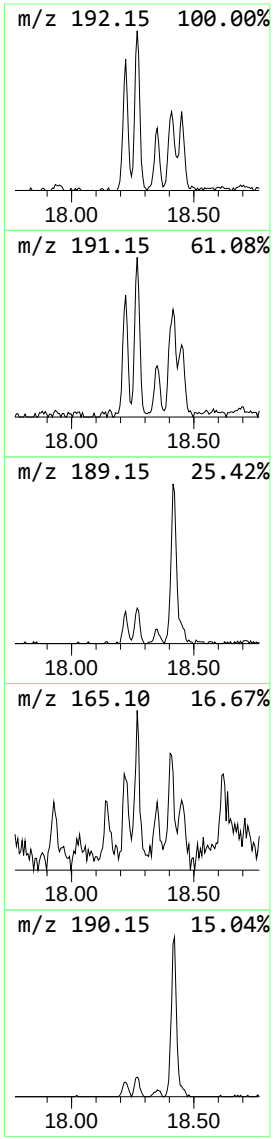
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	4.38 ng	92155	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

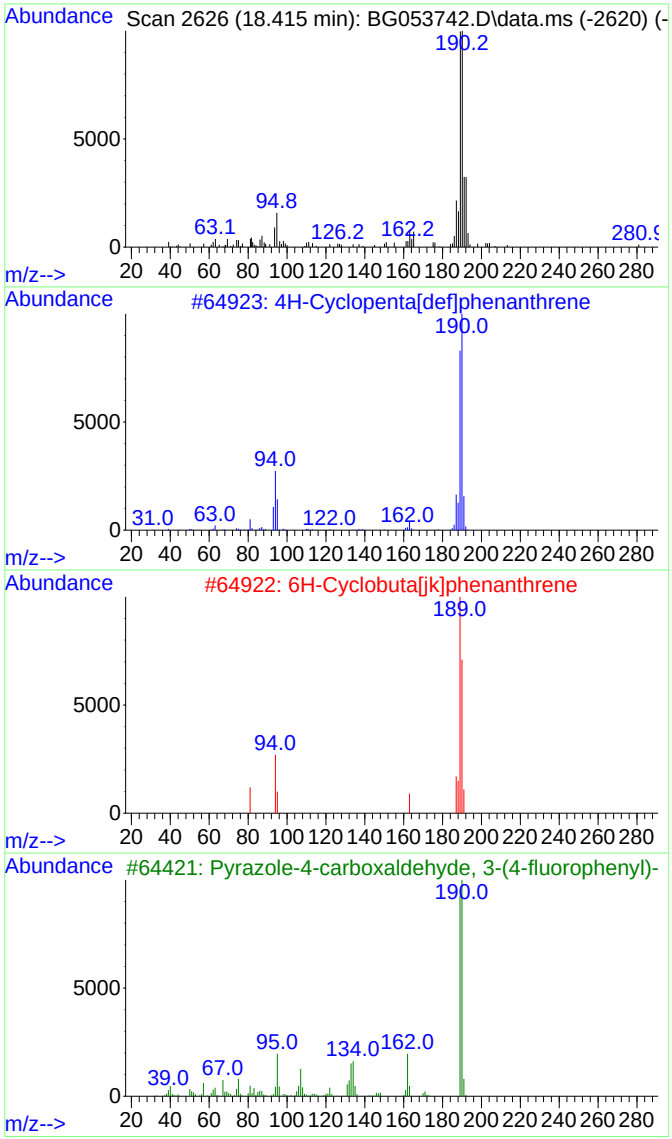
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

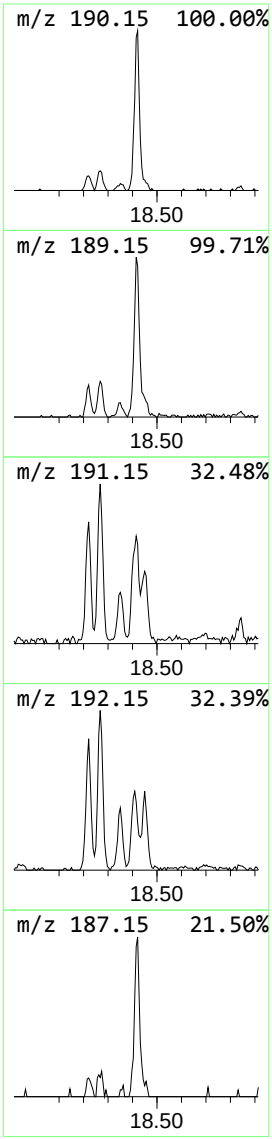
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.415	6.17 ng	129697	Phenanthrene-d10	17.340

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	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

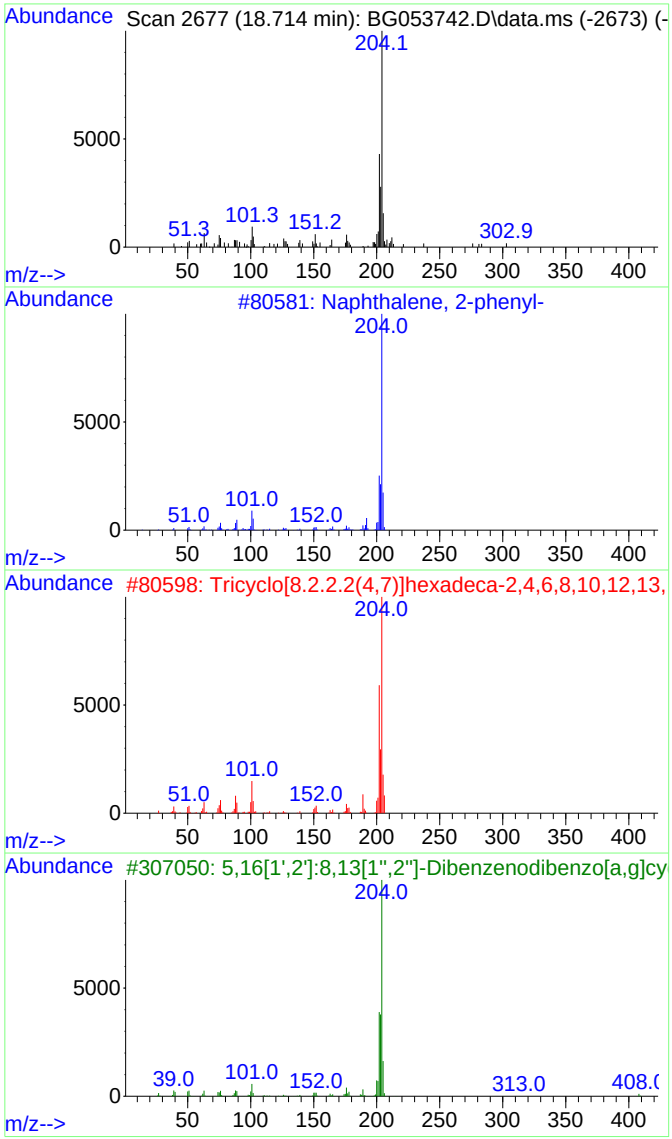
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

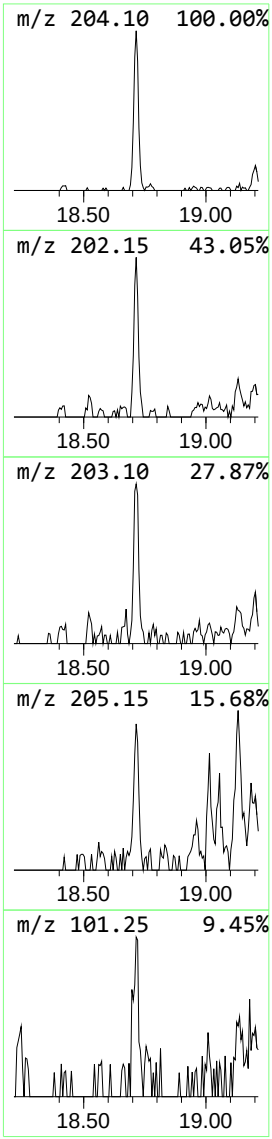
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.714	2.34 ng	49188	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	47





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Sample : N3051-02
Misc :
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BNA_G
ClientSampleId :
72-11944

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

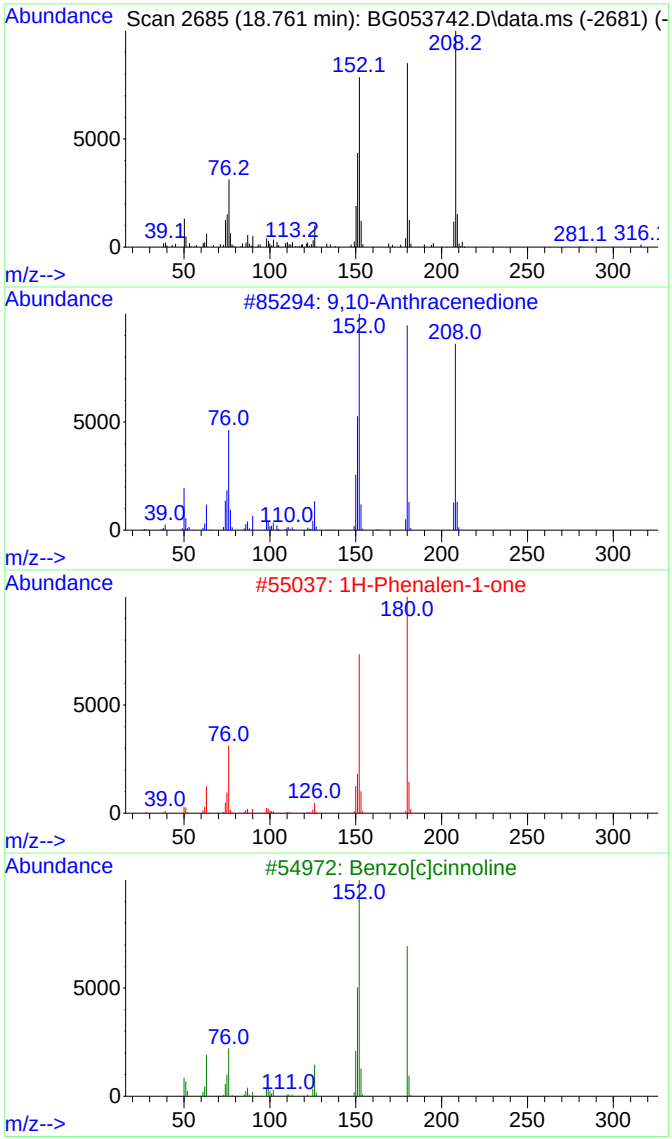
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

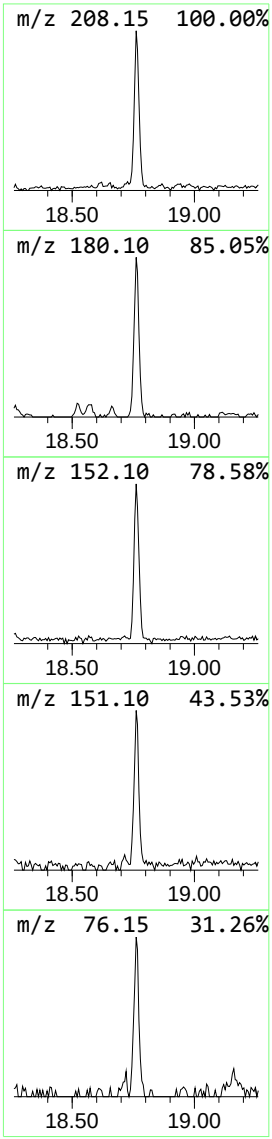
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.761	6.00 ng	126008	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	53





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

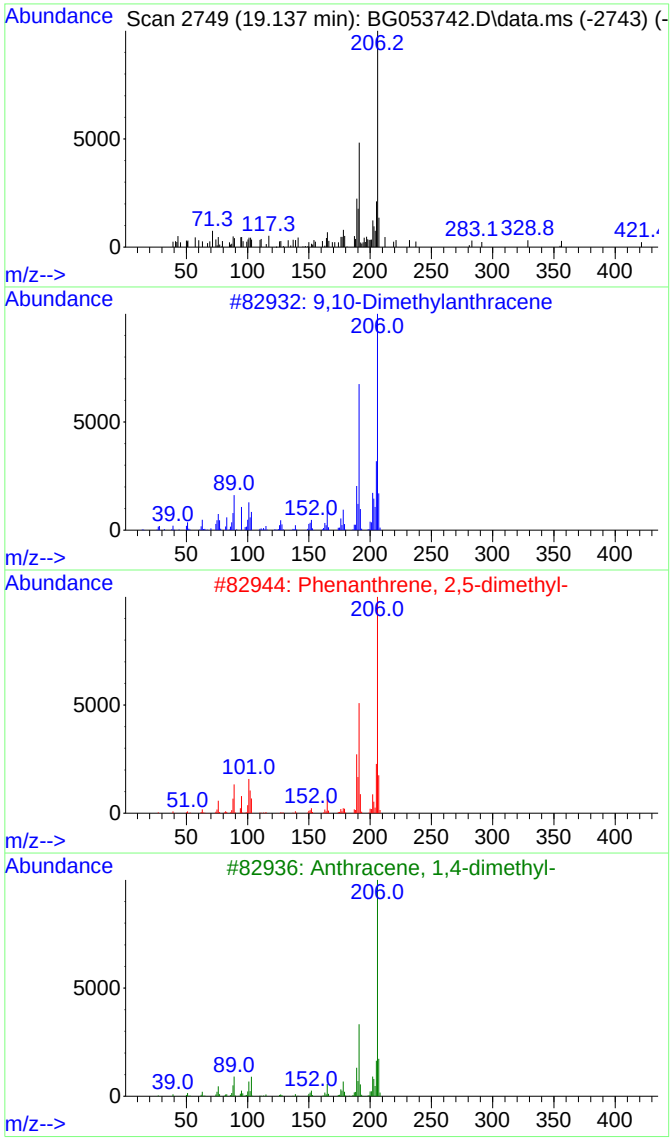
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

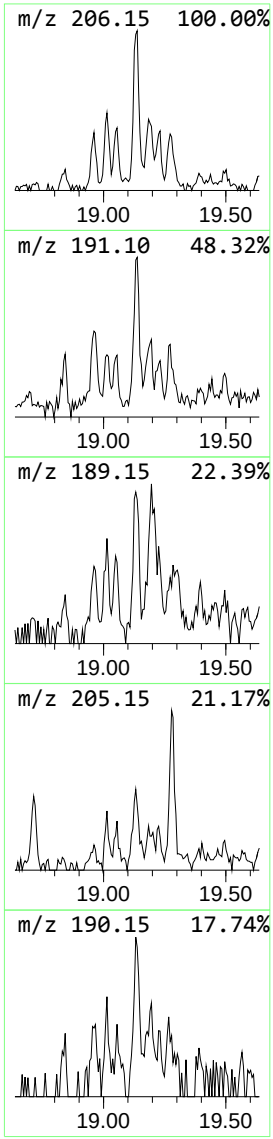
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.137	2.83 ng	59549	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





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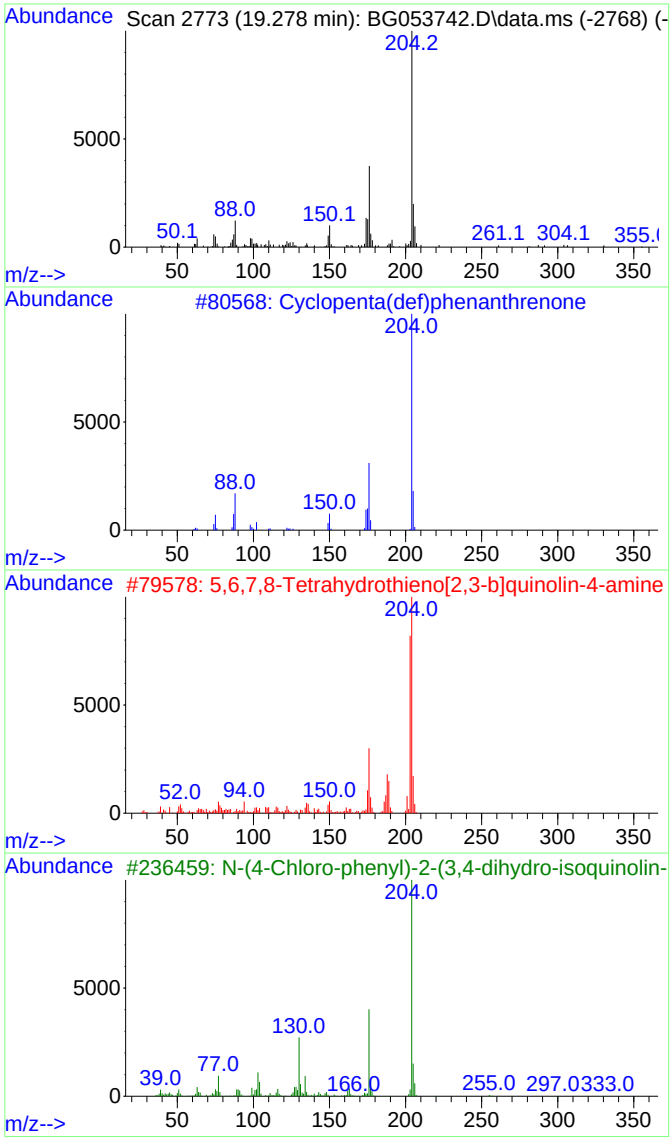
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

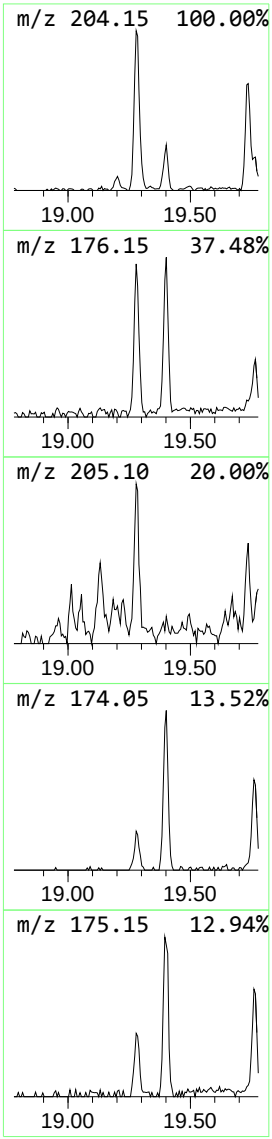
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	5.20 ng	109195	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	Shikimic acid, methyl ester, 3TMS	404	C17H36O5Si3	1000510-20-9	47
5	Isopropyl .beta.-D-glucopyranosi...	510	C21H50O6Si4	2137070-18-7	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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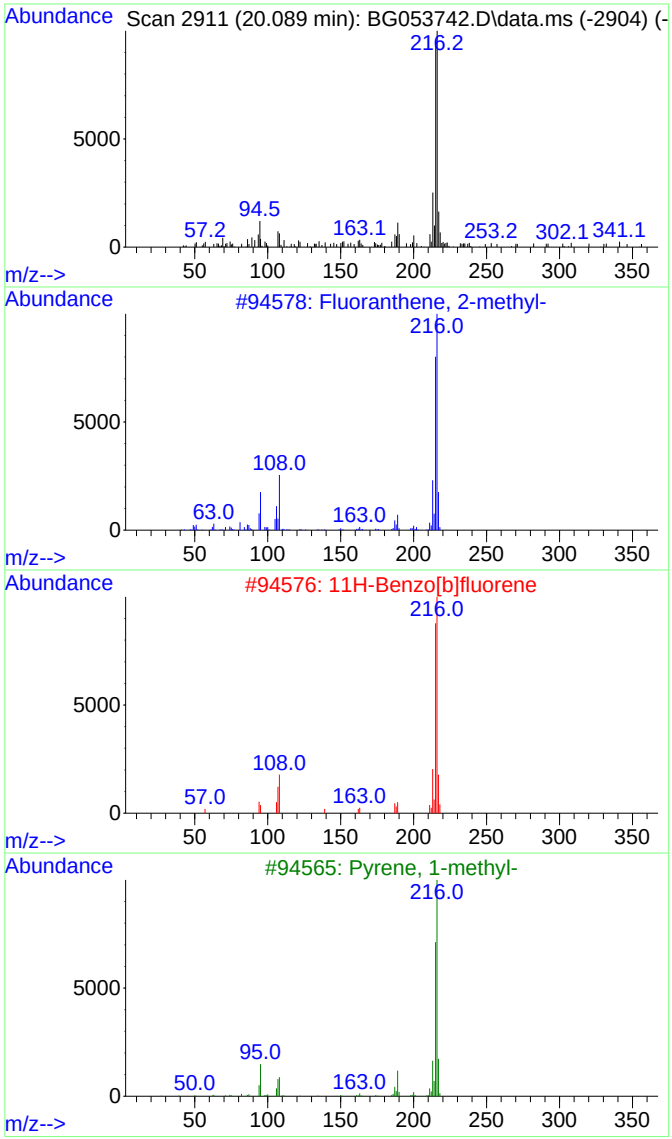
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

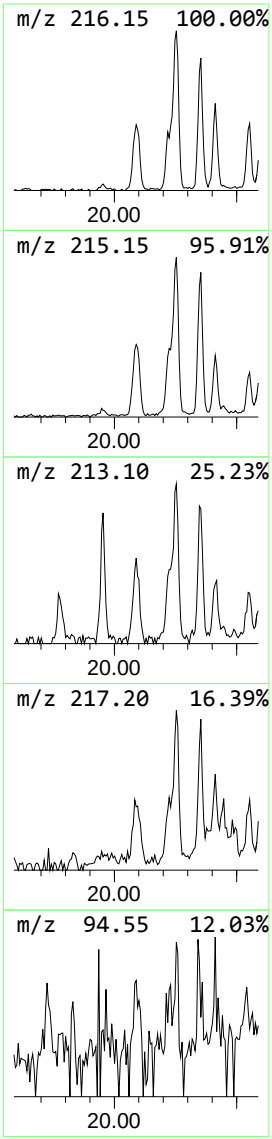
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.089	3.12 ng	128951	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11944

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

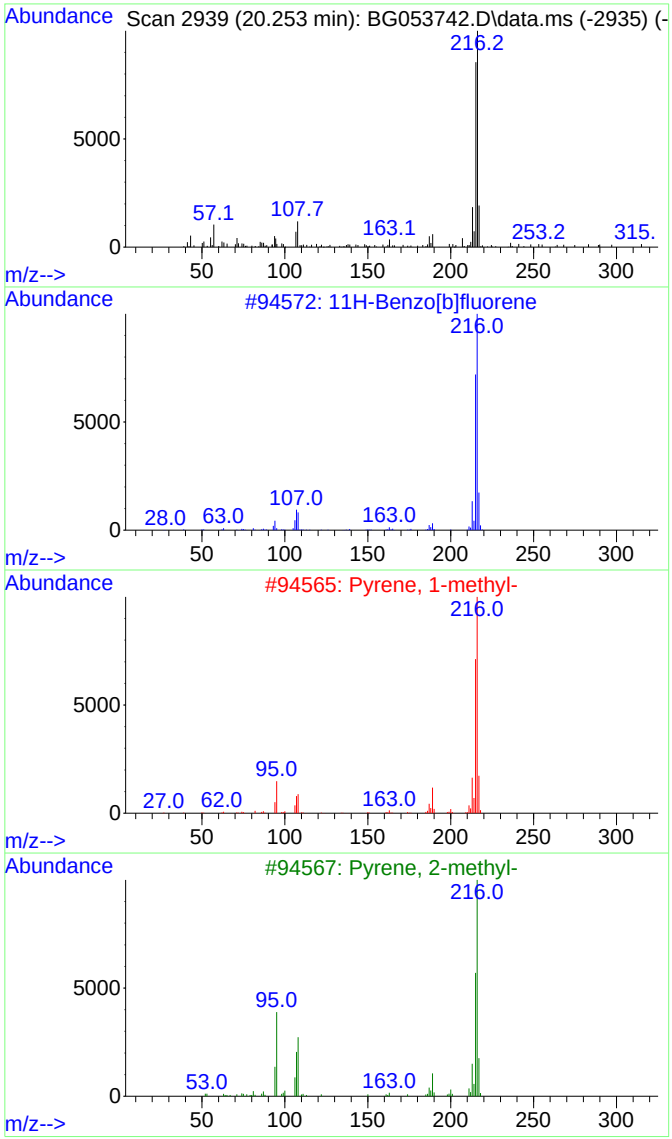
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

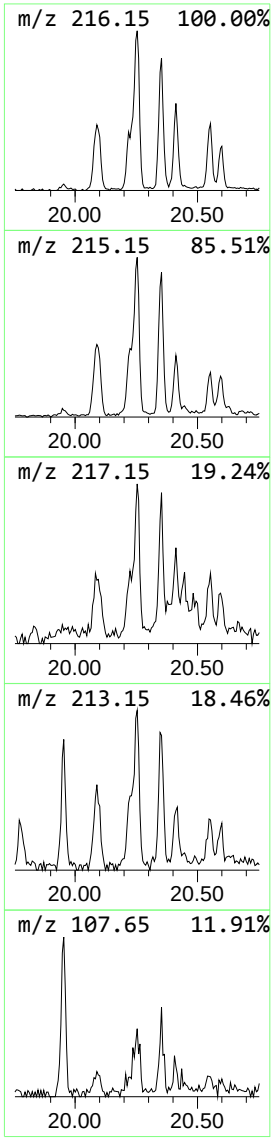
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.253	3.38 ng	139551	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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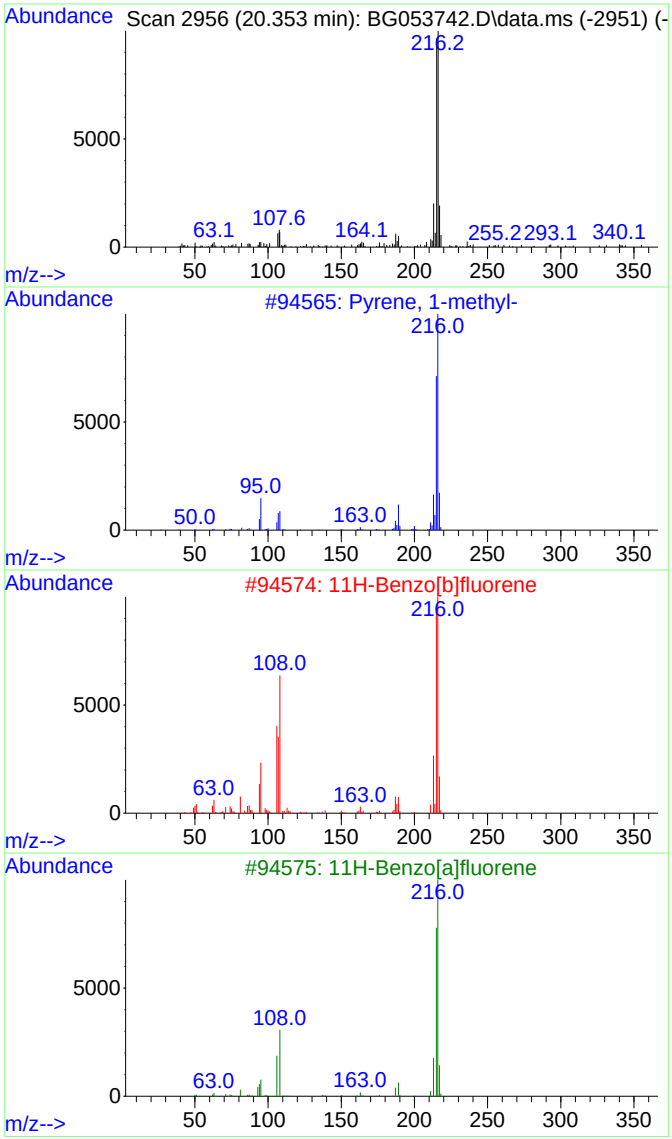
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

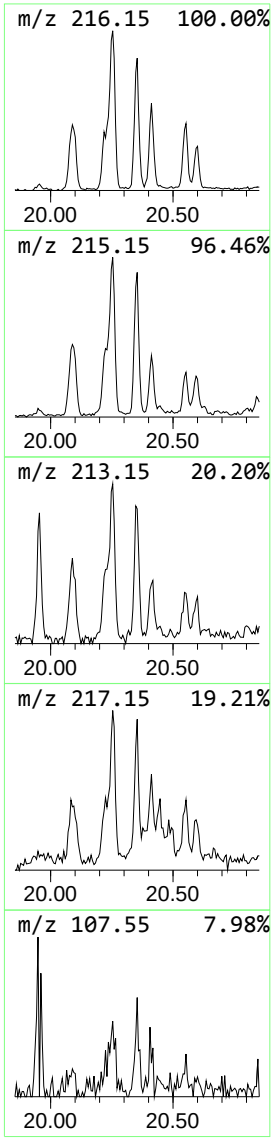
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.353	2.54 ng	104898	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

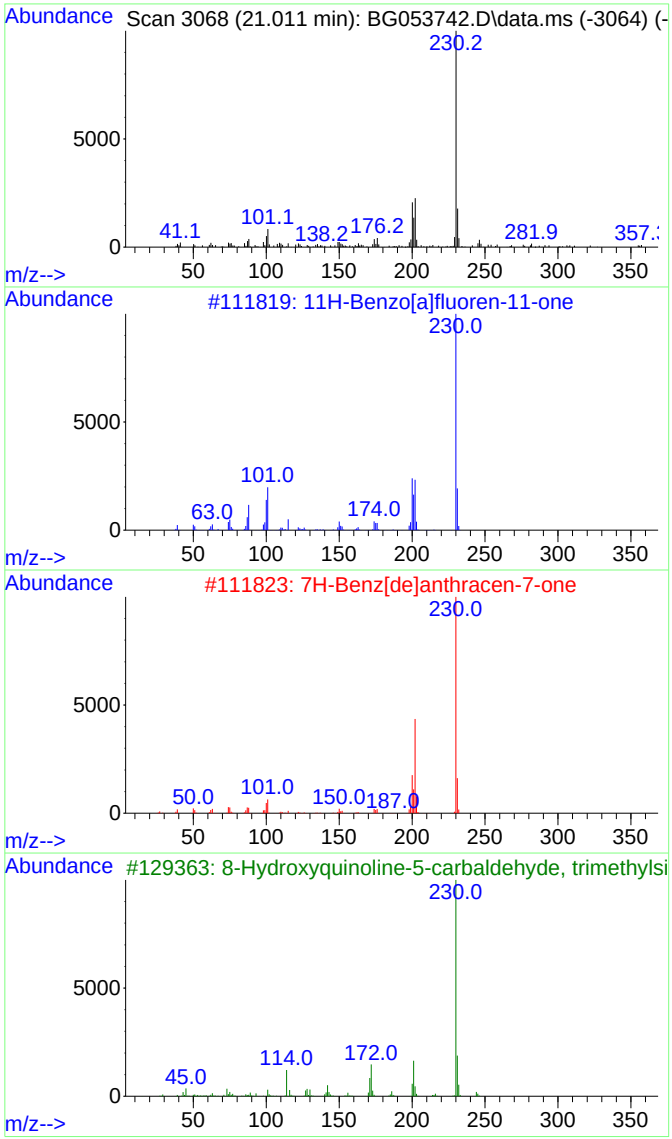
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

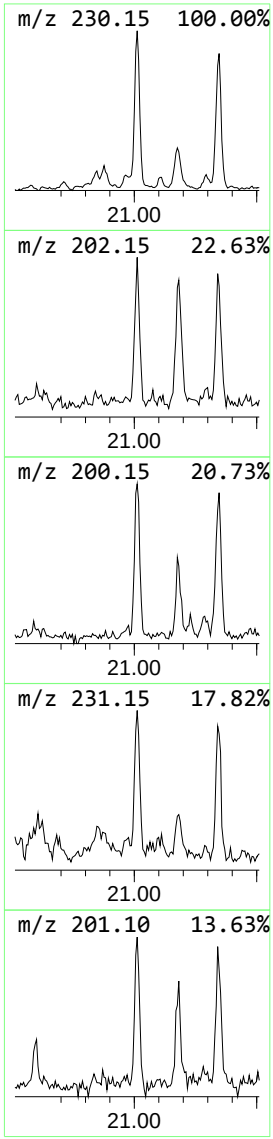
****

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.011	2.52 ng	104280	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	50
4	p-Terphenyl	230	C18H14	000092-94-4	47
5	4,4'-Stilbenedicarbonitrile	230	C16H10N2	006292-62-2	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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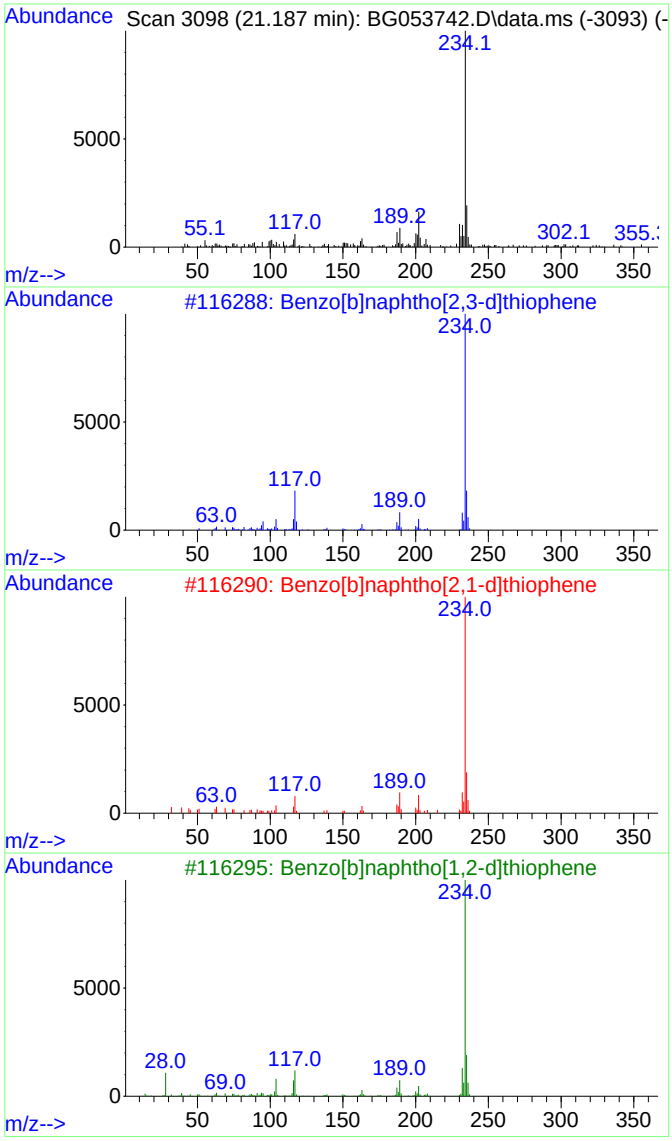
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

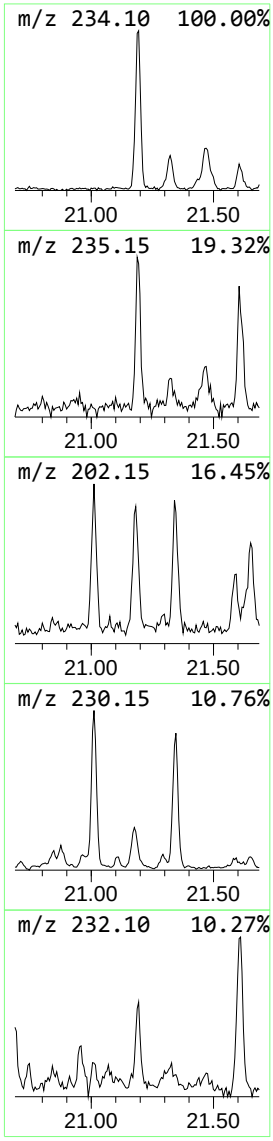
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	2.79 ng	115428	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	80
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	68
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	3-pyrazolidinone, 1-(3-ethoxyphe...	234	C13H18N2O2	1000396-41-6	59





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TIC Library : C:\Database\NIST20.L
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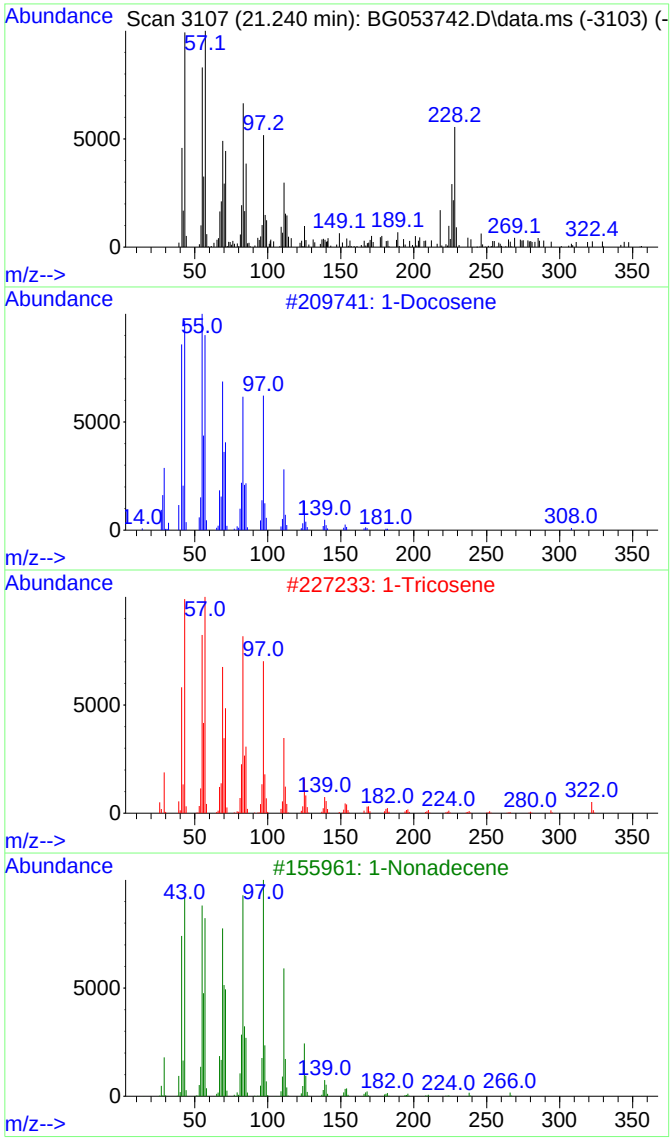
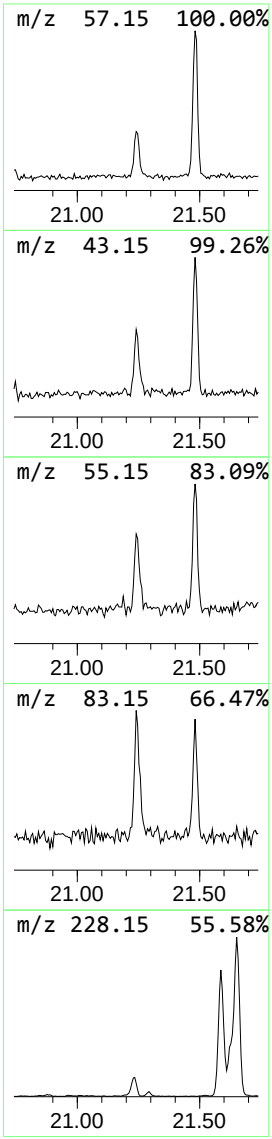
Peak Number 16 1-Docosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.240	2.74 ng	113284	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Tricosene	322	C23H46	018835-32-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	86
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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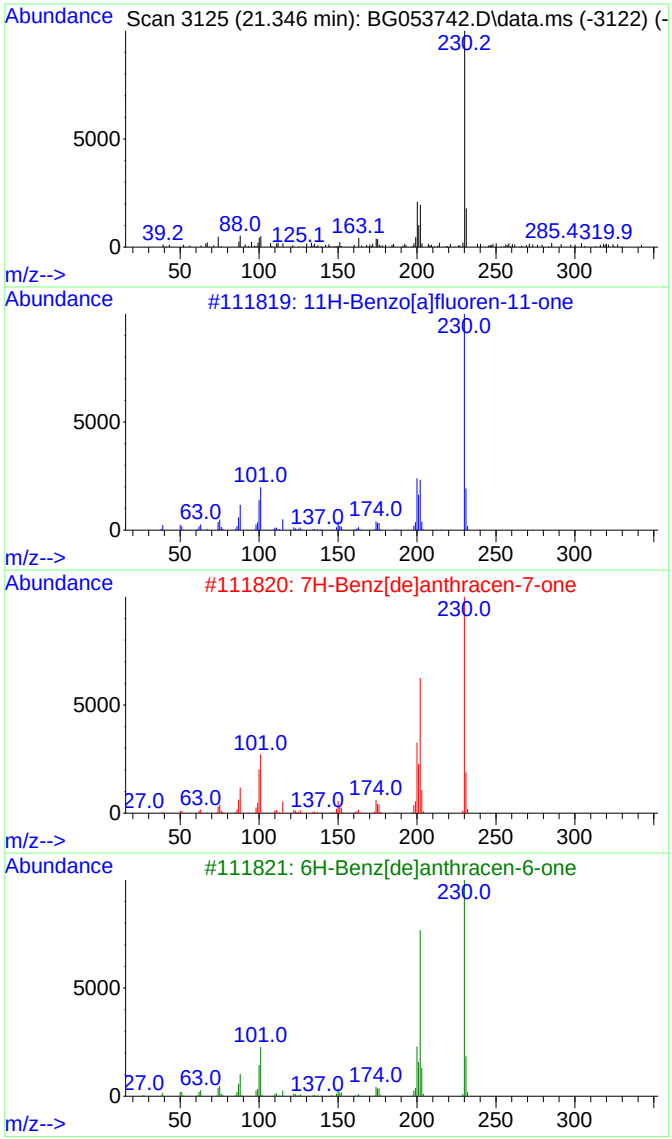
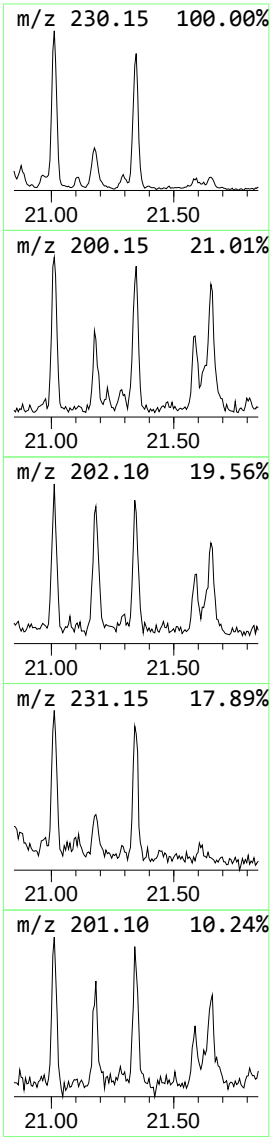
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.346	2.06 ng	85253	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	m-Terphenyl	230	C18H14	000092-06-8	50
5	o-Terphenyl	230	C18H14	000084-15-1	47





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TIC Library : C:\Database\NIST20.L
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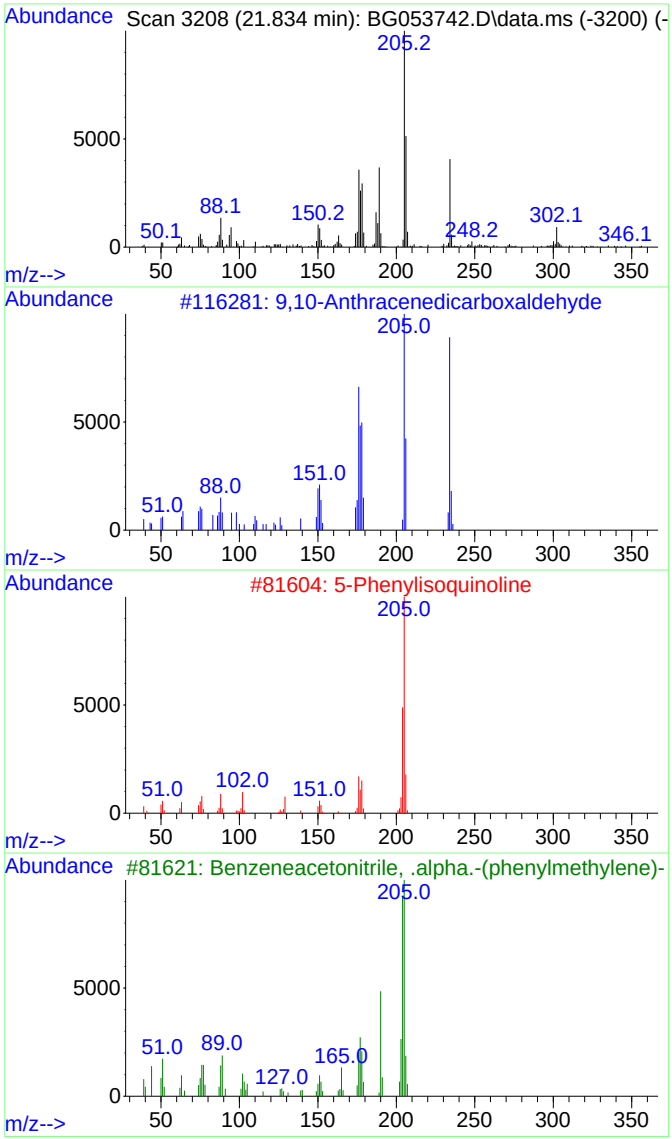
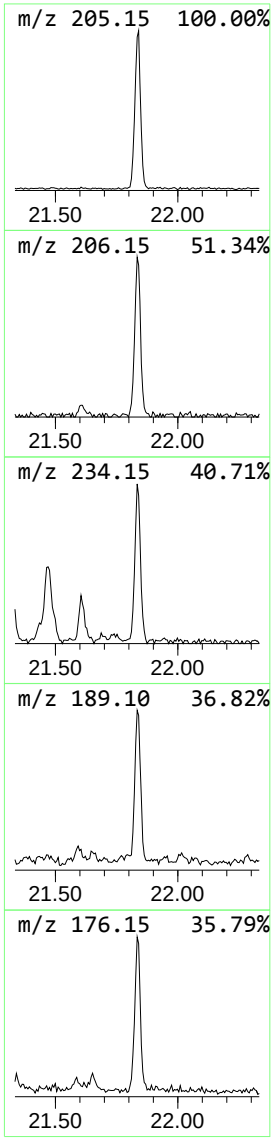
Peak Number 18 unknown21.834 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.834	6.84 ng	282551	Chrysene-d12	21.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedicarboxaldehyde	234	C16H10O2	007044-91-9	46
2	5-Phenylisoquinoline	205	C15H11N	024464-35-5	43
3	Benzeneacetonitrile, .alpha.-(ph...	205	C15H11N	002510-95-4	43
4	8-Phenylisoquinoline	205	C15H11N	070125-67-6	43
5	Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

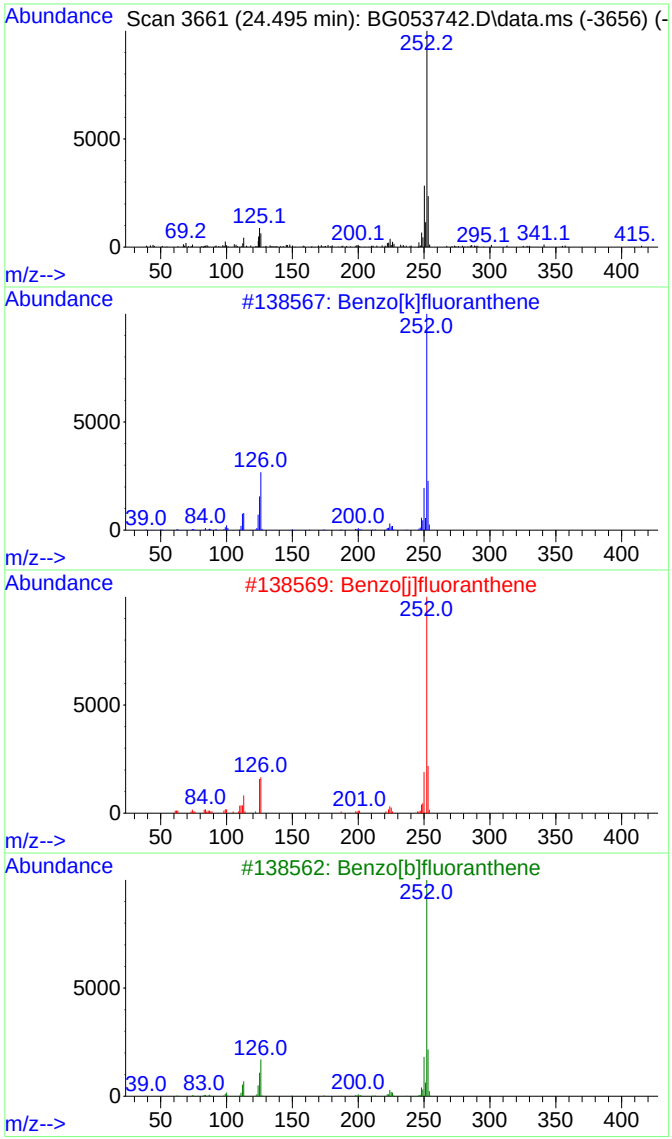
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

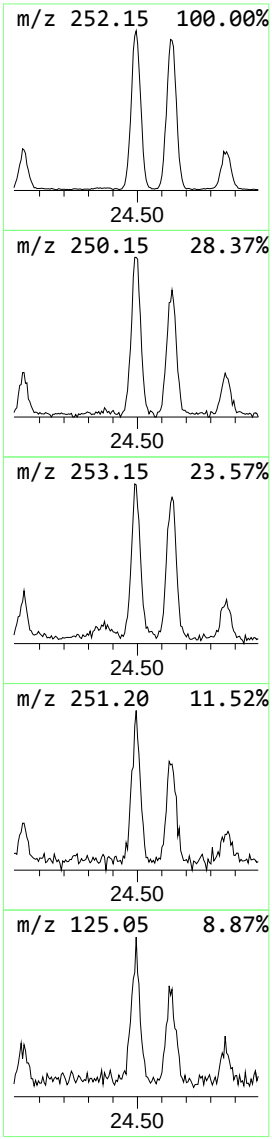
****

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.495	12.25 ng	231509	Perylene-d12	24.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	74
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053742.D
Acq On : 27 May 2022 20:53
Operator : CG/JU
Sample : N3051-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11944

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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...	3.041	28.6	ng	235244	1	7.952	164436	20.0
unknown5.027	5.027	2.3	ng	19006	1	7.952	164436	20.0
Pentadecanoic a...	17.998	2.1	ng	44754	4	17.340	420362	20.0
n-Hexadecanoic ...	18.233	6.0	ng	125954	4	17.340	420362	20.0
Phenanthrene, 1...	18.268	4.4	ng	92155	4	17.340	420362	20.0
4H-Cyclopenta[d...	18.415	6.2	ng	129697	4	17.340	420362	20.0
Naphthalene, 2-...	18.714	2.3	ng	49188	4	17.340	420362	20.0
9,10-Anthracene...	18.761	6.0	ng	126008	4	17.340	420362	20.0
9,10-Dimethylan...	19.137	2.8	ng	59549	4	17.340	420362	20.0
Cyclopenta(def)...	19.278	5.2	ng	109195	4	17.340	420362	20.0
Fluoranthene, 2...	20.089	3.1	ng	128951	5	21.605	826306	20.0
11H-Benzo[b]flu...	20.253	3.4	ng	139551	5	21.605	826306	20.0
Pyrene, 1-methyl-	20.353	2.5	ng	104898	5	21.605	826306	20.0
11H-Benzo[a]flu...	21.011	2.5	ng	104280	5	21.605	826306	20.0
Benzo[b]naphtho...	21.188	2.8	ng	115428	5	21.605	826306	20.0
1-Docosene	21.240	2.7	ng	113284	5	21.605	826306	20.0
7H-Benz[de]anth...	21.346	2.1	ng	85253	5	21.605	826306	20.0
unknown21.834	21.834	6.8	ng	282551	5	21.605	826306	20.0
Benzo[j]fluoran...	24.495	12.3	ng	231509	6	24.788	377980	20.0