LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-241

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.208	320	327	339	rBV	167095	269971	9.07%	1.001%
2	5.690	401	409	421	rBV	807078	1310761	44.02%	4.862%
3	7.300	672	683	693	rBV	817489	1420510	47.71%	5.269%
4	8.152	818	828	834	rBV	173241	302923	10.17%	1.124%
5	9.321	1019	1027	1042	rBV	472566	870347	29.23%	3.228%
6	10.978	1301	1309	1314	rBV	246866	463210	15.56%	1.718%
7	11.025	1314	1317	1323	rVB	36816	60424	2.03%	0.224%
8	13.410	1715	1723	1733	rBV	1305964	2053490	68.97%	7.617%
9	14.221	1854	1861	1868	rVB	23074	38009	1.28%	0.141%
10	14.785	1945	1957	1963	rBV	407973	667933	22.43%	2.477%
11	14.844	1963	1967	1974	rVB	45887	74121	2.49%	0.275%
12	15.179	2018	2024	2032	rVB	39389	62982	2.12%	0.234%
13	15.825	2127	2134	2144	rBV	62394	103184	3.47%	0.383%
14	16.119	2180	2184	2194	rVB	20867	36885	1.24%	0.137%
15	16.266	2194	2209	2217	rBV	1031462	1662624	55.84%	6.167%
16	16.460	2237	2242	2246	rBV	27460	47979	1.61%	0.178%
17	16.501	2246	2249	2255	rVB4	26168	37781	1.27%	0.140%
18	16.589	2259	2264	2268	rBV2	18177	30595	1.03%	0.113%
19	16.830	2295	2305	2309	rBV4	29494	60811	2.04%	0.226%
20	16.977	2326	2330	2335	rVB	33057	45219	1.52%	0.168%
21	17.053	2335	2343	2347	rBV4	31534	60375	2.03%	0.224%
22	17.182	2360	2365	2371	rVB3	18954	34504	1.16%	0.128%
23	17.253	2371	2377	2384	rBV2	31504	69748	2.34%	0.259%
24	17.347	2389	2393	2400	rVB	26294	42508	1.43%	0.158%
25	17.529	2417	2424	2428	rBV	494855	782669	26.29%	2.903%
26	17.570	2428	2431	2438	rVV	396467	591778	19.88%	2.195%
27	17.664	2438	2447	2451	rVV	108096	182811	6.14%	0.678%
28	17.723	2451	2457	2462	rVB2	40141	74587	2.51%	0.277%
29	17.929	2485	2492	2501	rBV3	35889	101834	3.42%	0.378%
30	18.046	2508	2512	2518	rBV	34064	51242	1.72%	0.190%
31	18.404	2566	2573	2577	rBV	70290	115640	3.88%	0.429%
32	18.451	2577	2581	2587	rVB	96073	145834	4.90%	0.541%
33	18.534	2589	2595	2600	rVB	56123	90647	3.04%	0.336%
34	18.604	2600	2607	2611	rBV2	254810	443216	14.89%	1.644%
35	18.898	2652	2657	2661	rBV	104188	142845	4.80%	0.530%
36	18.939	2661	2664	2669	rVB3	26413	41054	1.38%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.139	2694	2698	2703	rVB2	34809	48948	1.64%	0.182%
38	19.192	2703	2707	2710	rBV	29673	38626	1.30%	0.143%
39	19.251	2710	2717	2722	rBV2	86847	149832	5.03%	0.556%
40	19.309	2722	2727	2732	rBV	60367	99993	3.36%	0.371%
41	19.380	2734	2739	2742	rBV4	31372	53941	1.81%	0.200%
42	19.456	2747	2752	2761	rBV	129110	233828	7.85%	0.867%
43	19.580	2766	2773	2779	rVV	1671305	2400873	80.64%	8.905%
44	19.632	2779	2782	2785	rVV2	25196	33164	1.11%	0.123%
45	19.674	2785	2789	2793	rVB	36638	48003	1.61%	0.178%
46	19.820	2808	2814	2822	rVB2	67050	147328	4.95%	0.546%
47	19.909	2823	2829	2830	rBV	274432	393683	13.22%	1.460%
48	19.944	2830	2835	2841	rVV	1318359	1998561	67.13%	7.413%
49	20.008	2841	2846	2852	rVB3	54907	89841	3.02%	0.333%
50	20.132	2860	2867	2872	rBV	2191714	2977368	100.00%	11.043%
51	20.249	2882	2887	2896	rBV3	83100	223317	7.50%	0.828%
52	20.426	2906	2917	2922	rBV	216419	447749	15.04%	1.661%
53	20.526	2929	2934	2938	rBV	193102	270938	9.10%	1.005%
54	20.584	2938	2944	2948	rVV2	85850	184075	6.18%	0.683%
55	20.620	2948	2950	2954	rVB	47192	60040	2.02%	0.223%
56	20.725	2965	2968	2972	rBV	64825	78325	2.63%	0.291%
57	20.772	2973	2976	2980	rVB	48524	59762	2.01%	0.222%
58	21.201	3045	3049	3056	rVB	49545	81082	2.72%	0.301%
59	21.389	3078	3081	3084	rBV	39849	52895	1.78%	0.196%
60	21.436	3085	3089	3093	rVV	153294	223114	7.49%	0.828%
61	21.483	3094	3097	3103	rVV2	68805	126057	4.23%	0.468%
62	21.542	3103	3107	3116	rVB2	54349	109963	3.69%	0.408%
63	21.824	3146	3155	3160	rBV2	529750	1458576	48.99%	5.410%
64	21.871	3160	3163	3176	rVB	333222	583426	19.60%	2.164%
65	22.030	3187	3190	3200	rVB2	54256	103077	3.46%	0.382%
66	24.115	3540	3545	3554	rBV	103577	283323	9.52%	1.051%
67	24.885	3670	3676	3689	rVB2	75442	226845	7.62%	0.841%
68	25.038	3695	3702	3713	rVB	82010	230794	7.75%	0.856%
69	25.202	3720	3730	3740	rBV2	267202	852411	28.63%	3.162%

Sum of corrected areas: 26960809

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
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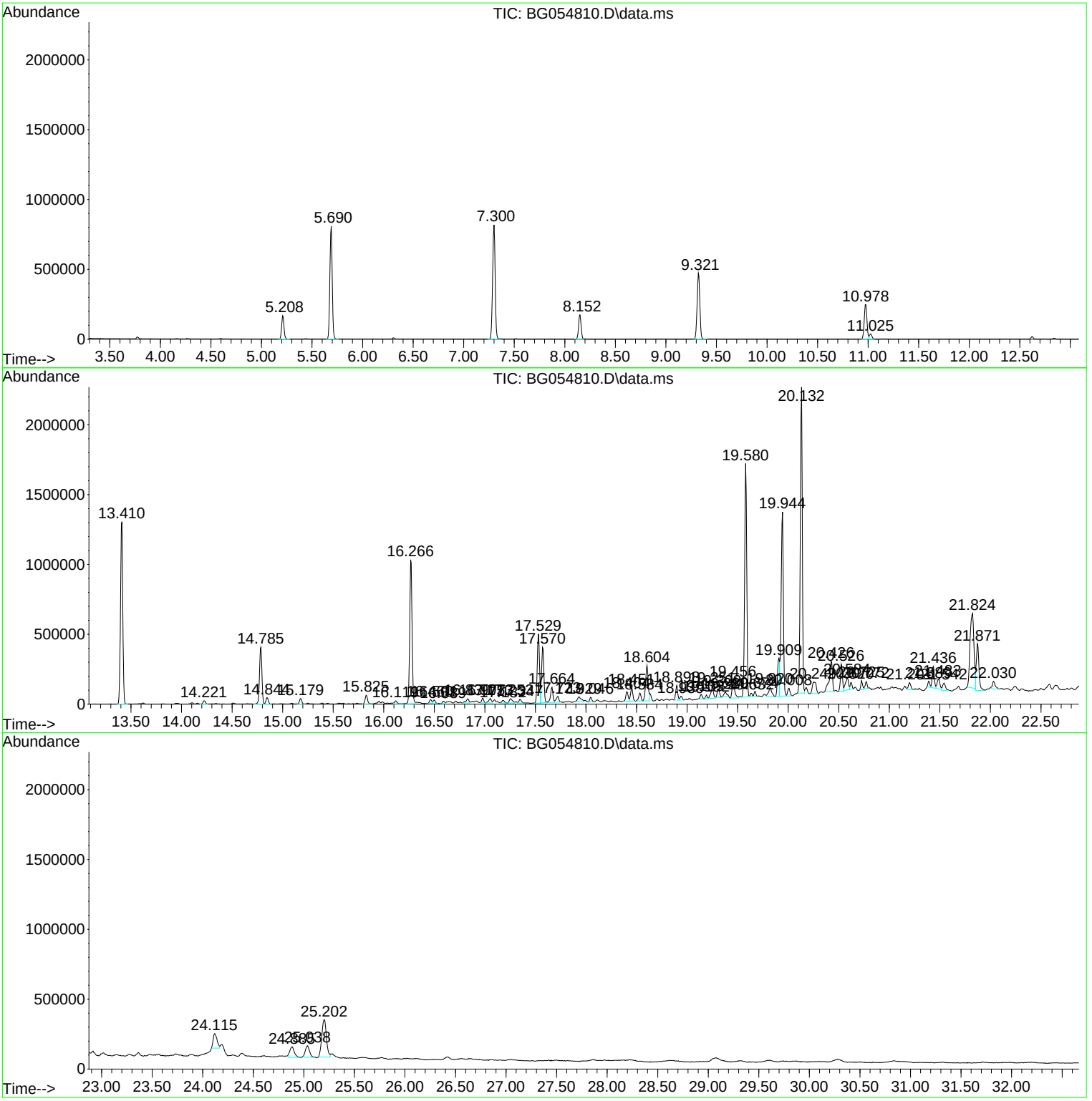
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
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ClientSampleId :
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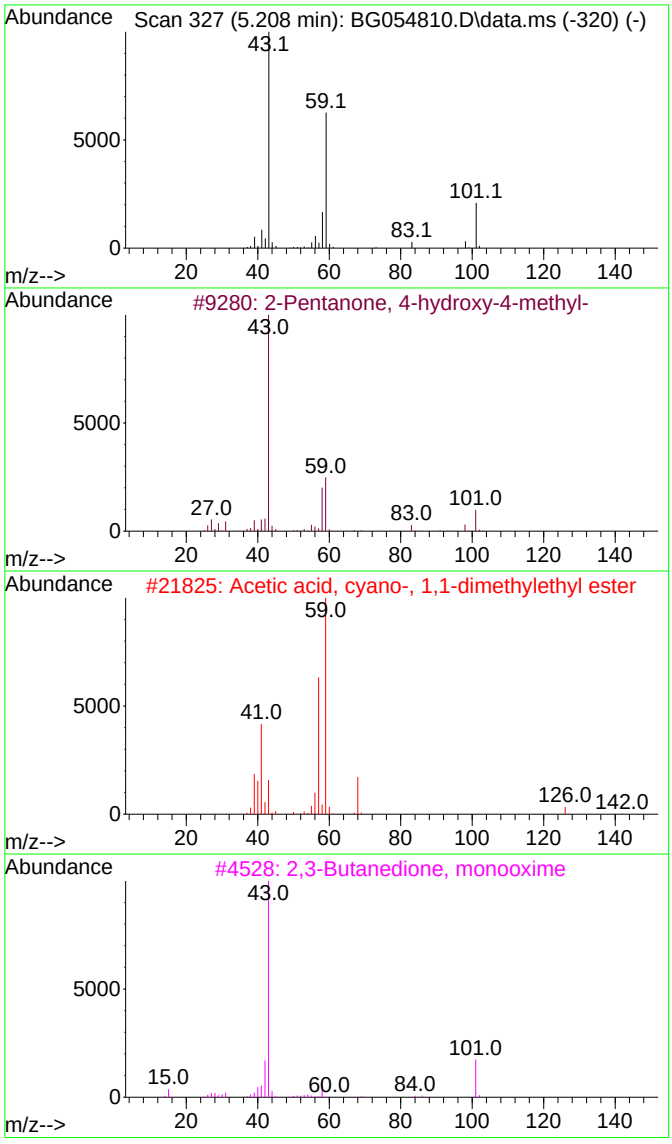
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

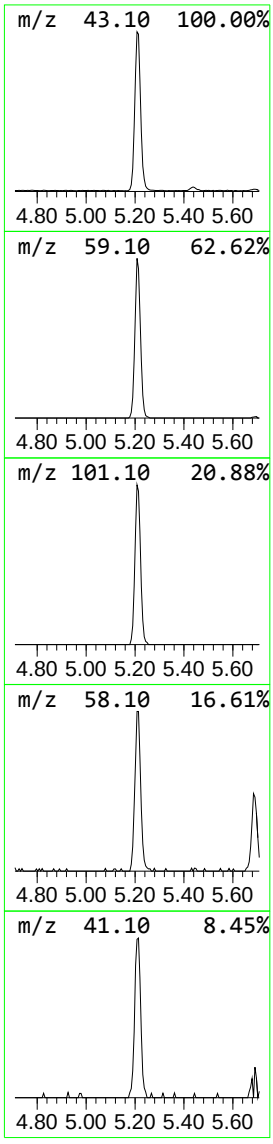
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.208	17.82 ng	269971	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

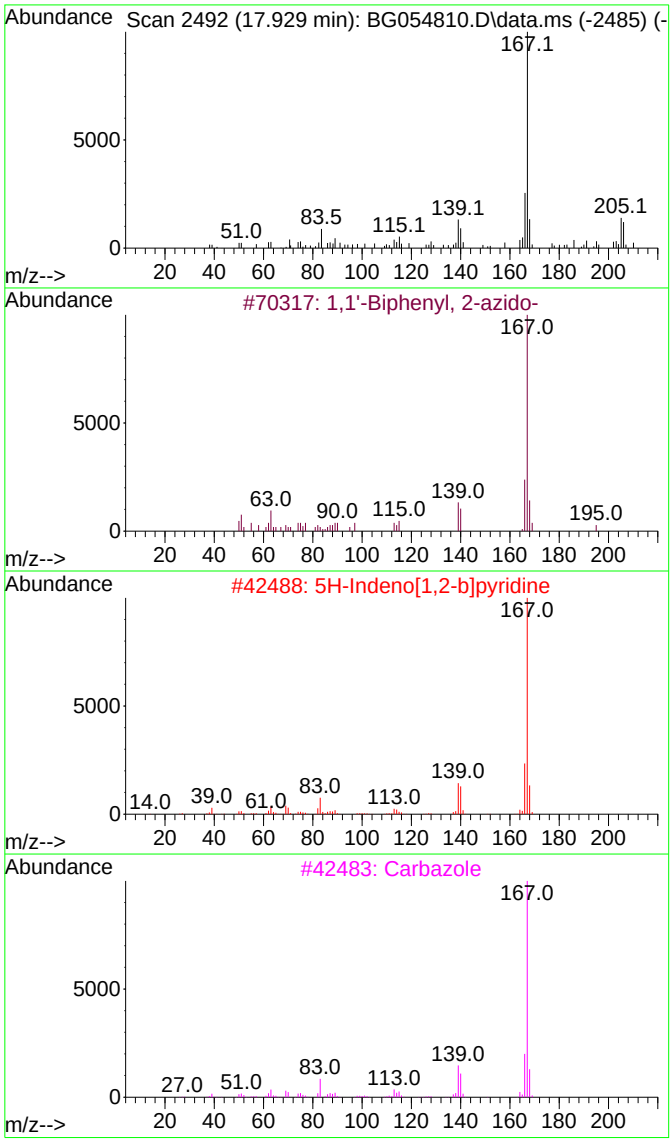
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

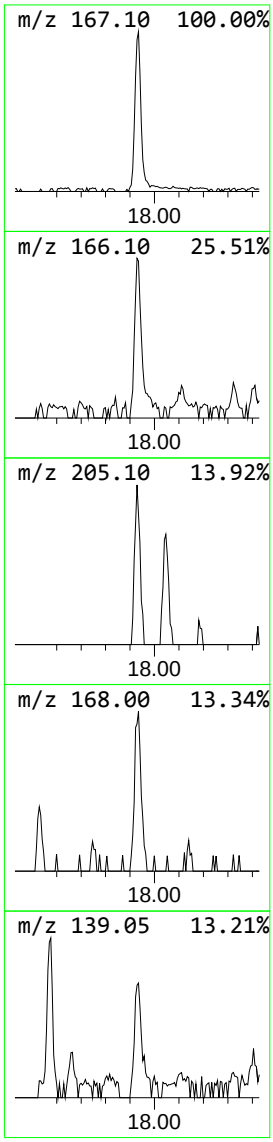
****

Peak Number 3 1,1'-Biphenyl, 2-azido- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.929	2.60 ng	101834	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	81
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	76
3	Carbazole	167	C12H9N	000086-74-8	76
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	74
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

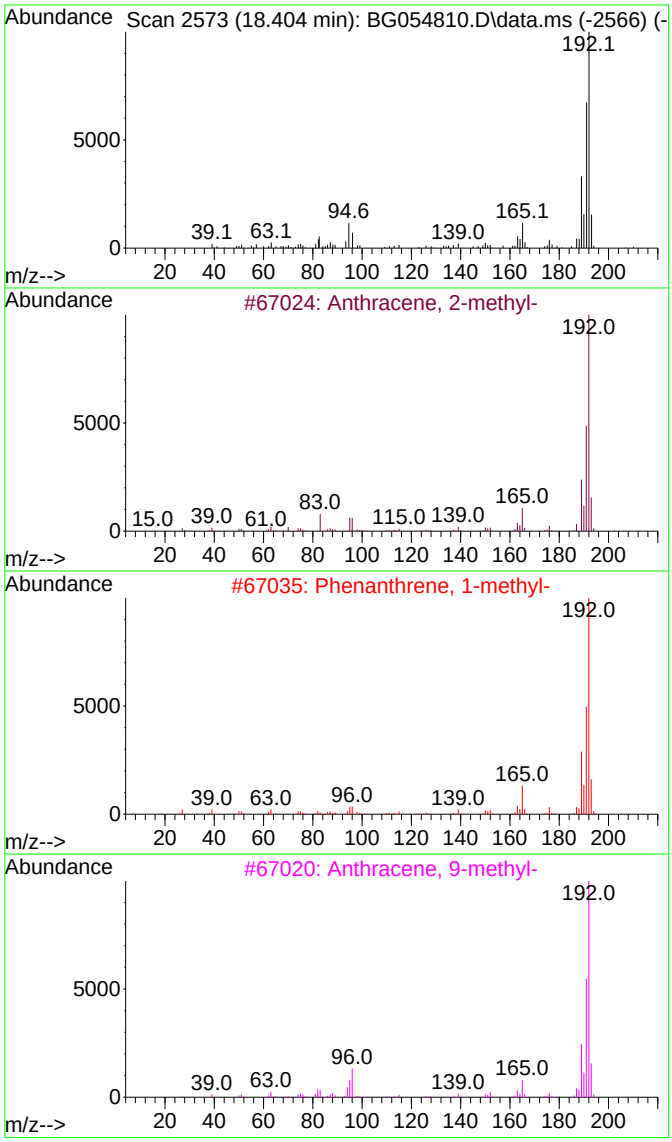
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

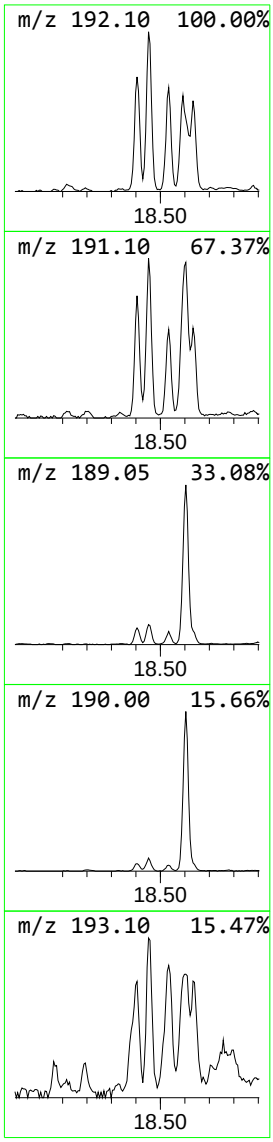
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.96 ng	115640	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

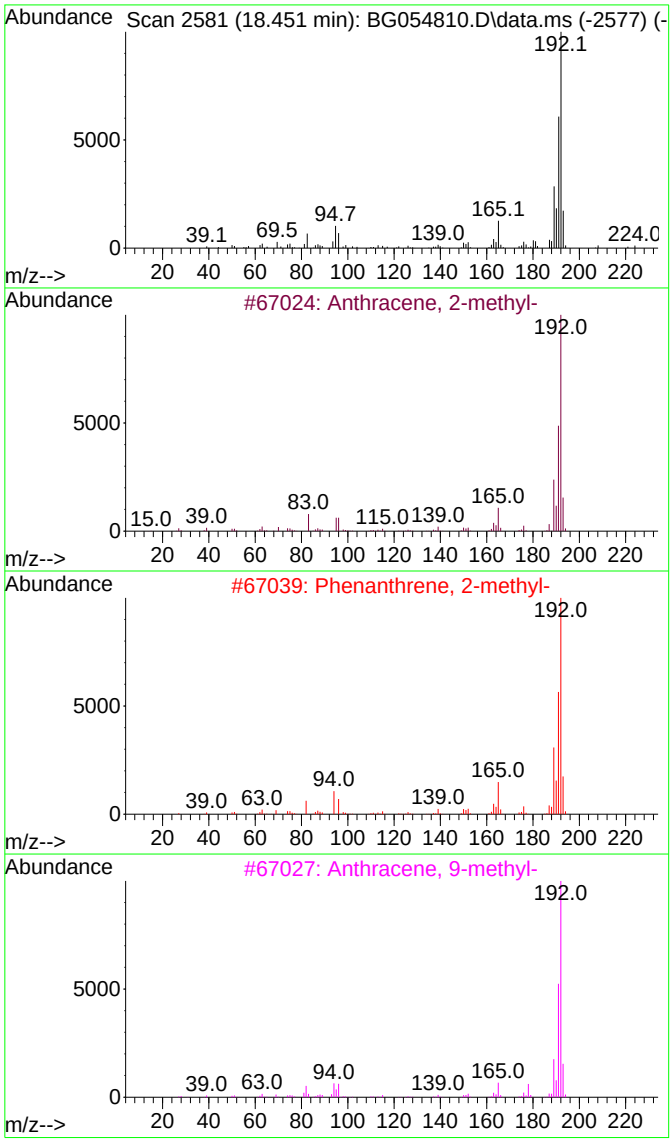
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

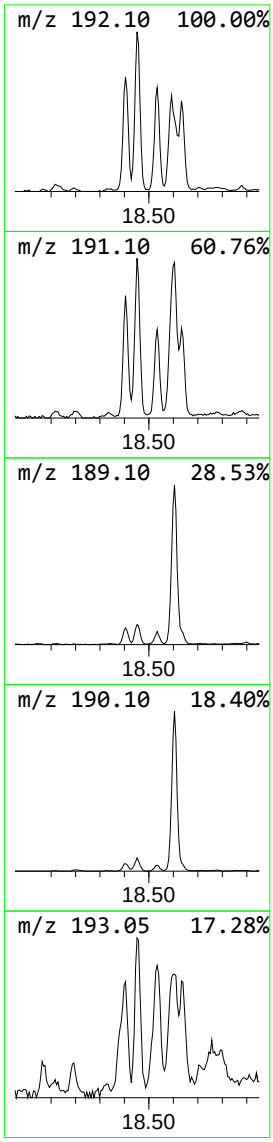
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.73 ng	145834	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

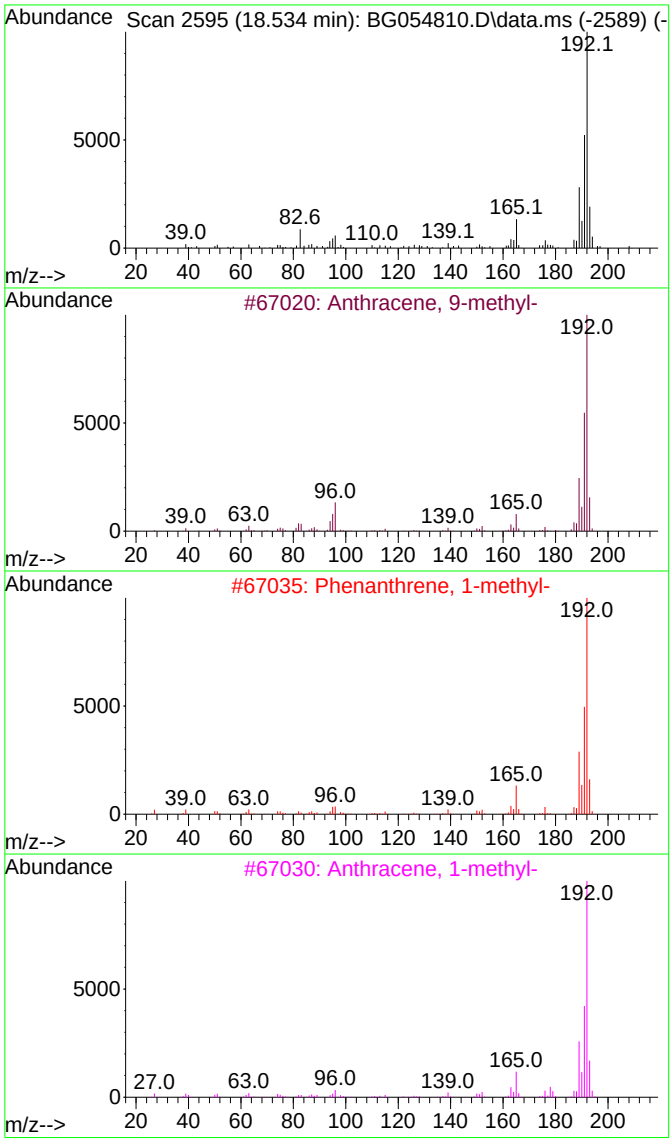
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

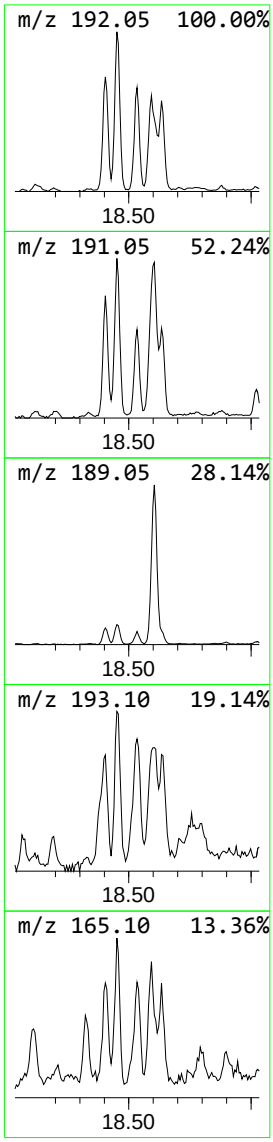
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	2.32 ng	90647	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

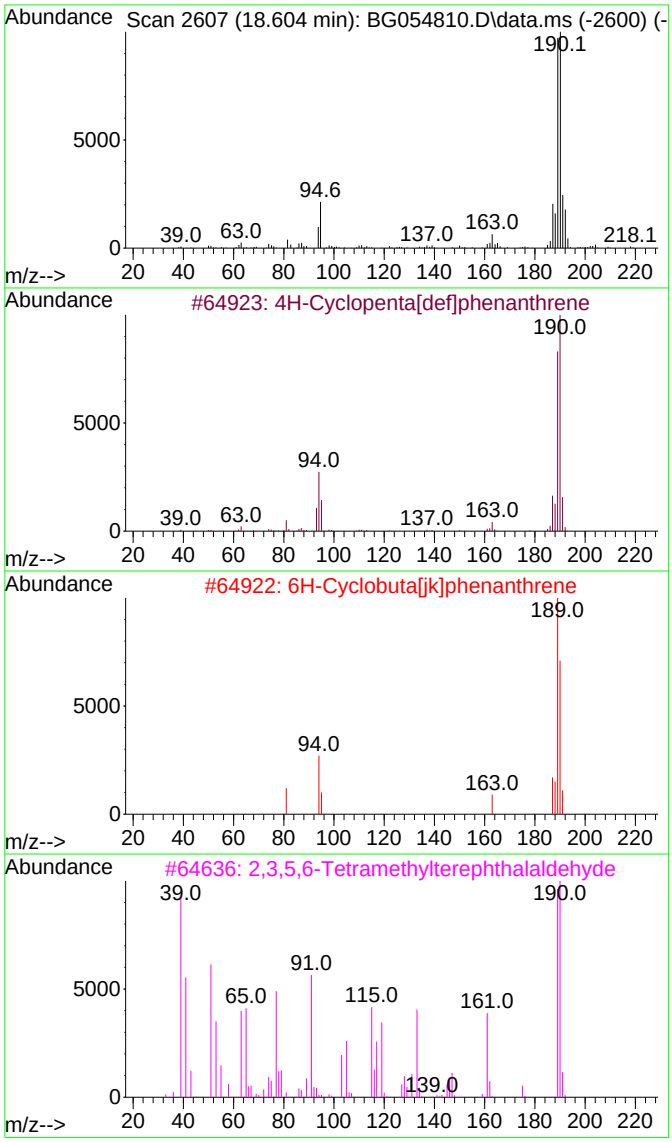
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

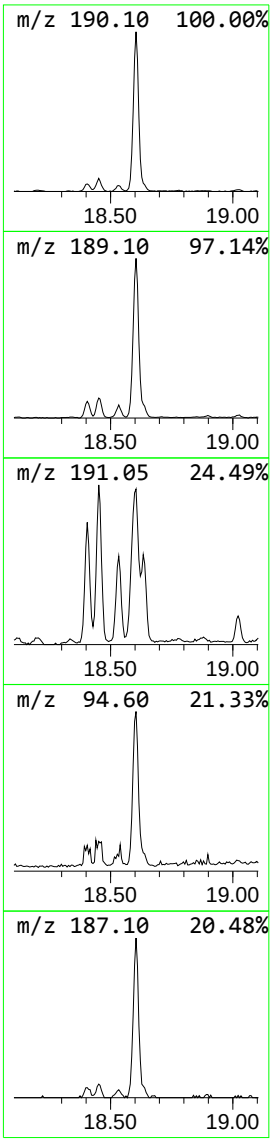
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	11.33 ng	443216	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

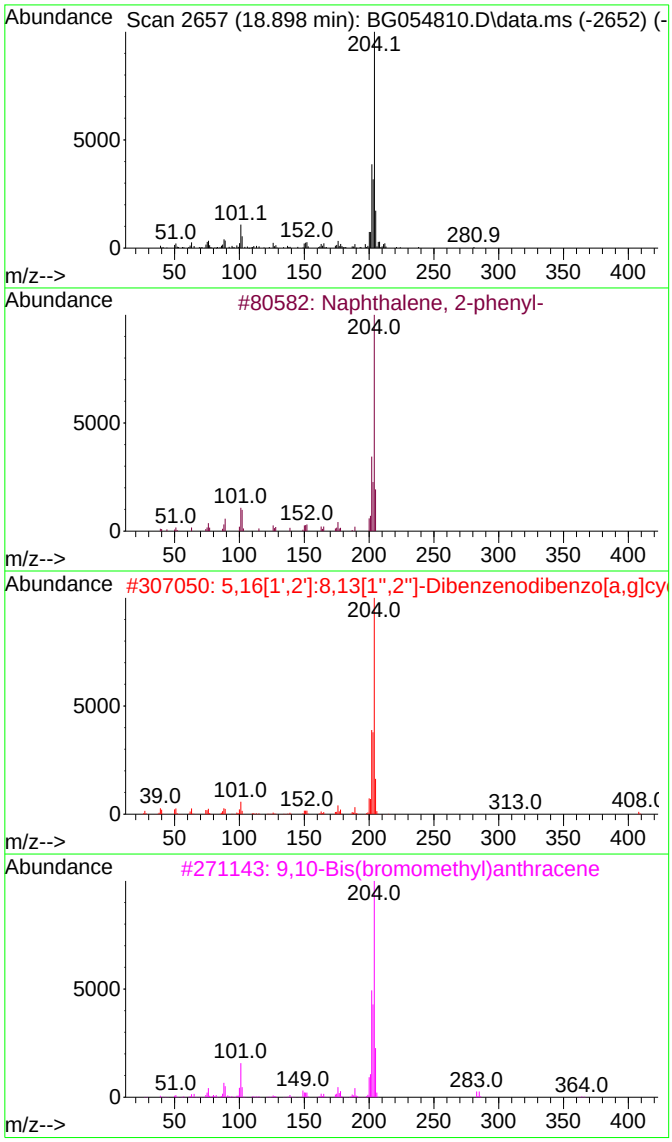
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

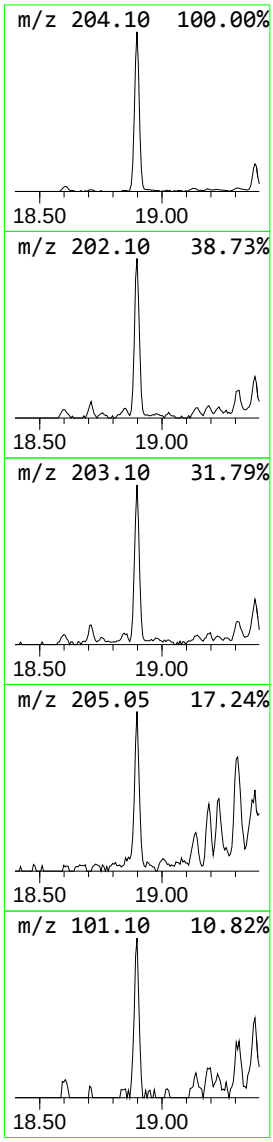
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	3.65 ng	142845	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

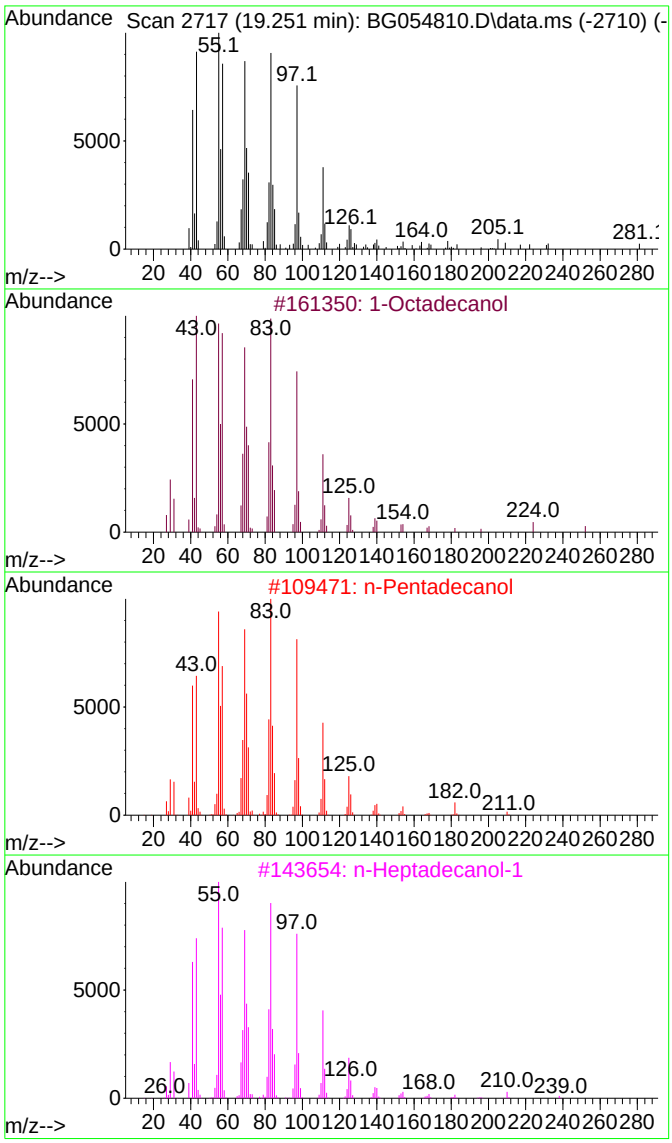
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

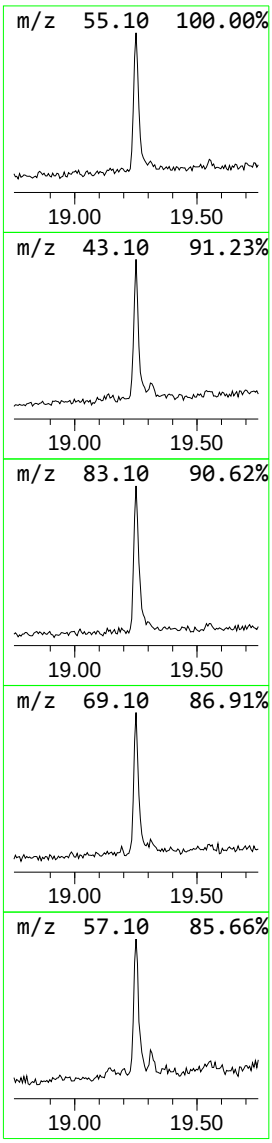
****

Peak Number 9 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	3.83 ng	149832	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	95
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	90





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Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

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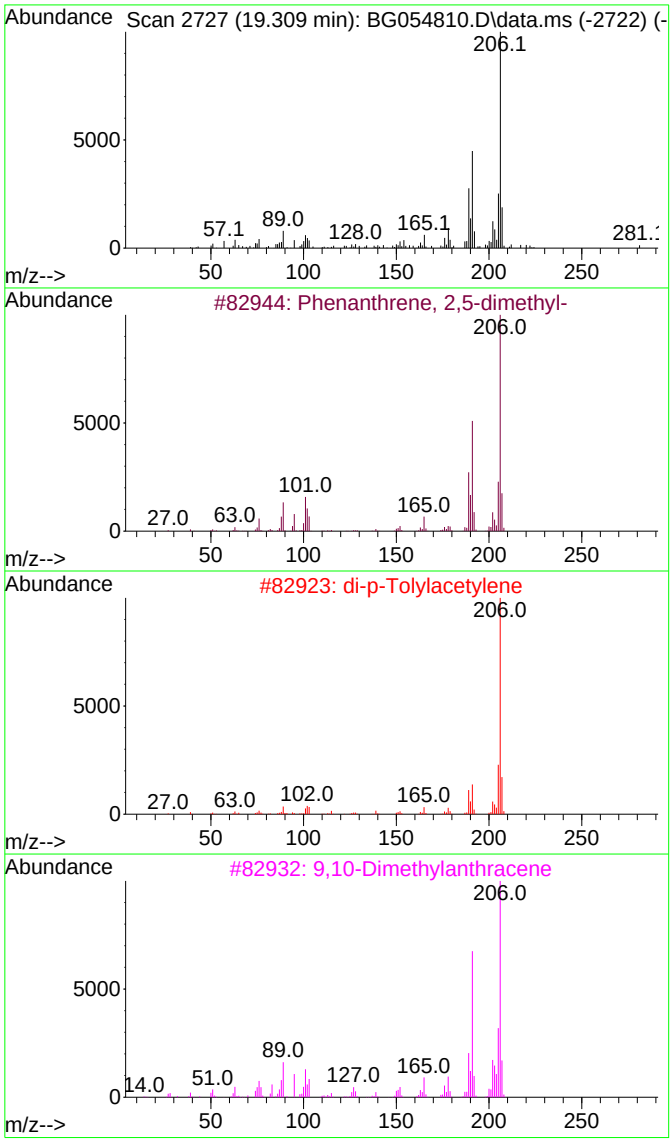
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

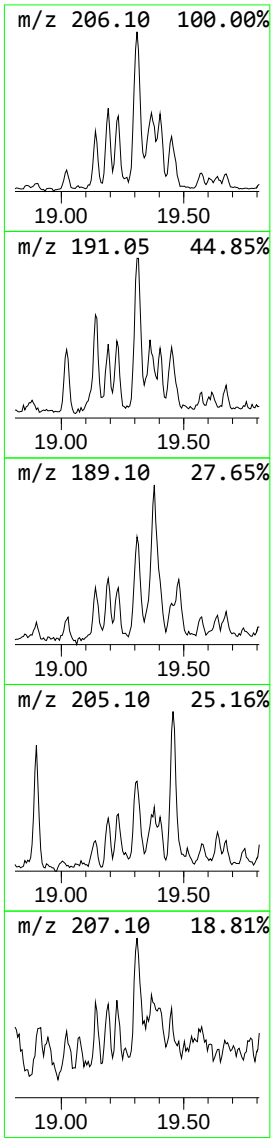
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.309	2.56 ng	99993	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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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

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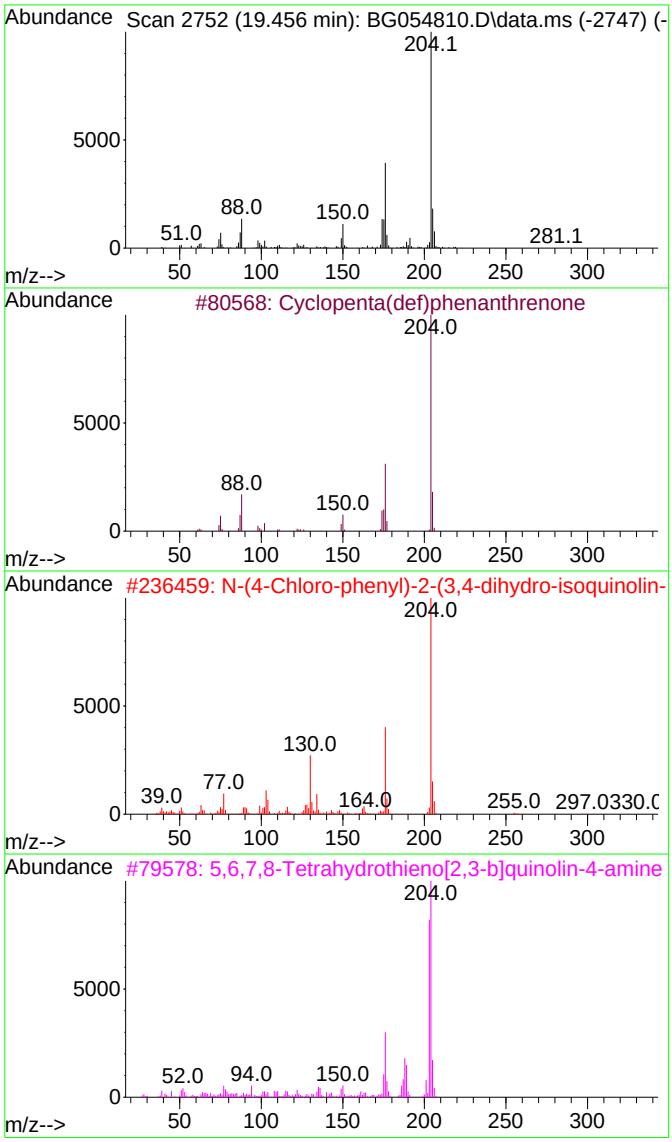
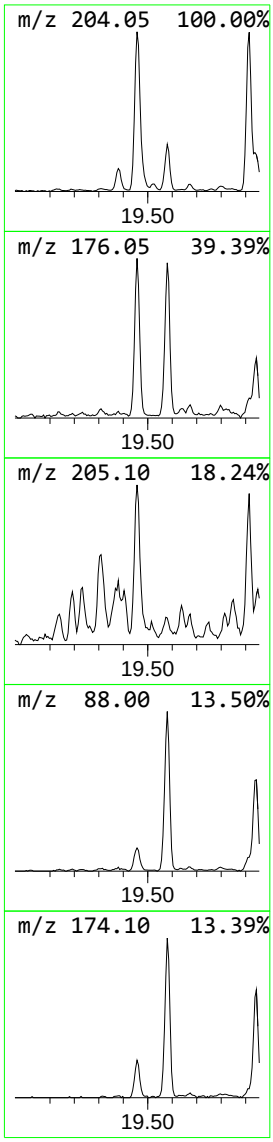
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	5.98 ng	233828	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46





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Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

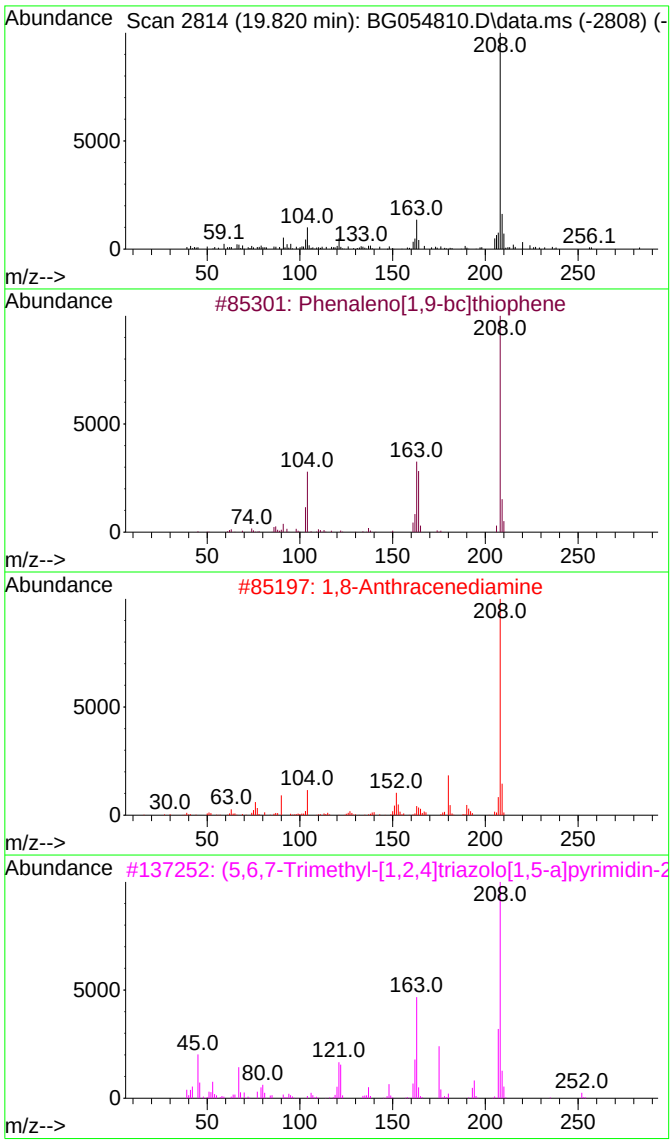
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

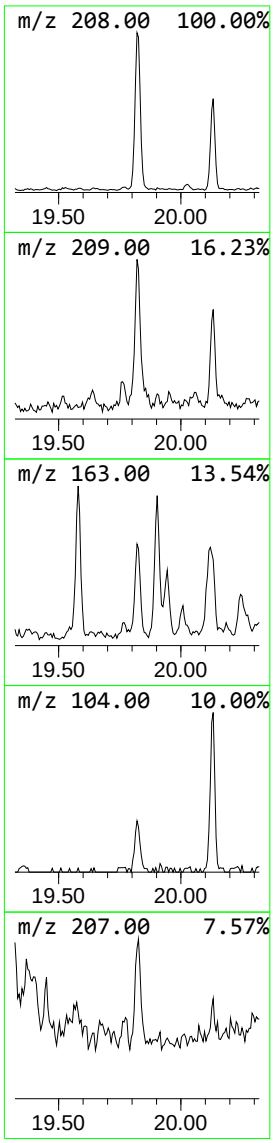
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenaleno[1,9-bc]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.820	2.02 ng	147328	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	78
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	(5,6,7-Trimethyl-[1,2,4]triazolo...	252	C10H12N4O2S	1010301-18-7	64
4	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	64
5	Neocuproine	208	C14H12N2	000484-11-7	64





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Misc :
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BNA_G
ClientSampleId :
VNJ-241

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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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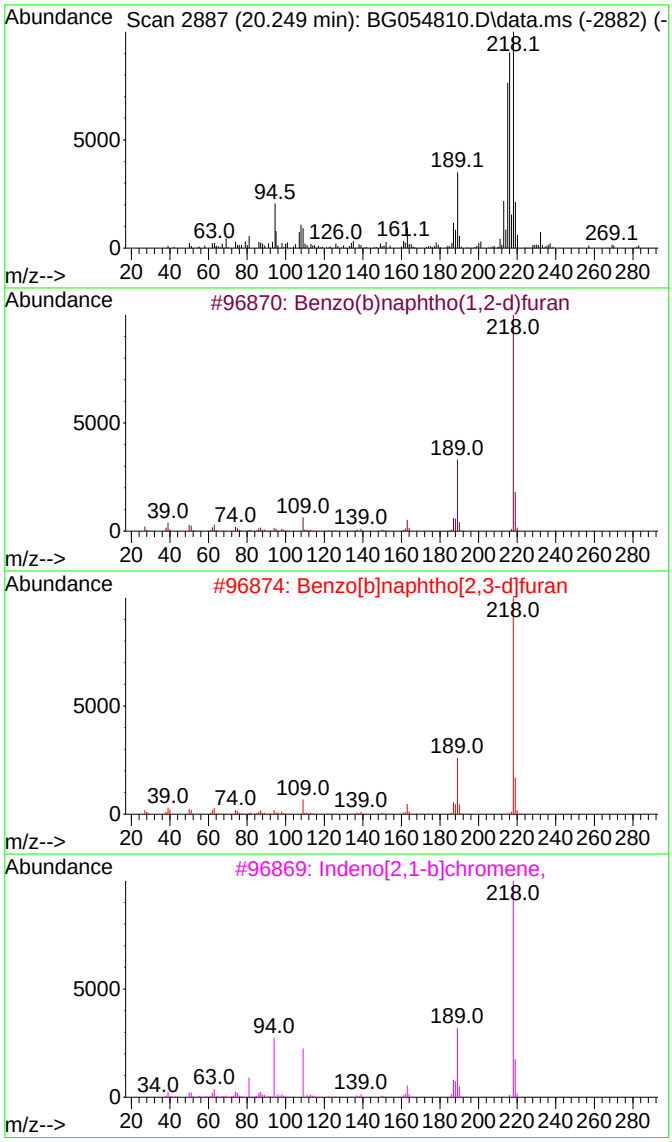
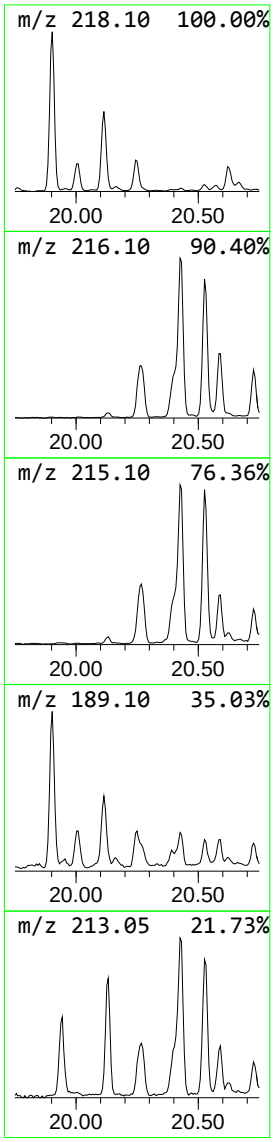
Peak Number 13 Benzo(b)naphtho(1,2-d)furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.249	3.06 ng	223317	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	74
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
3	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





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Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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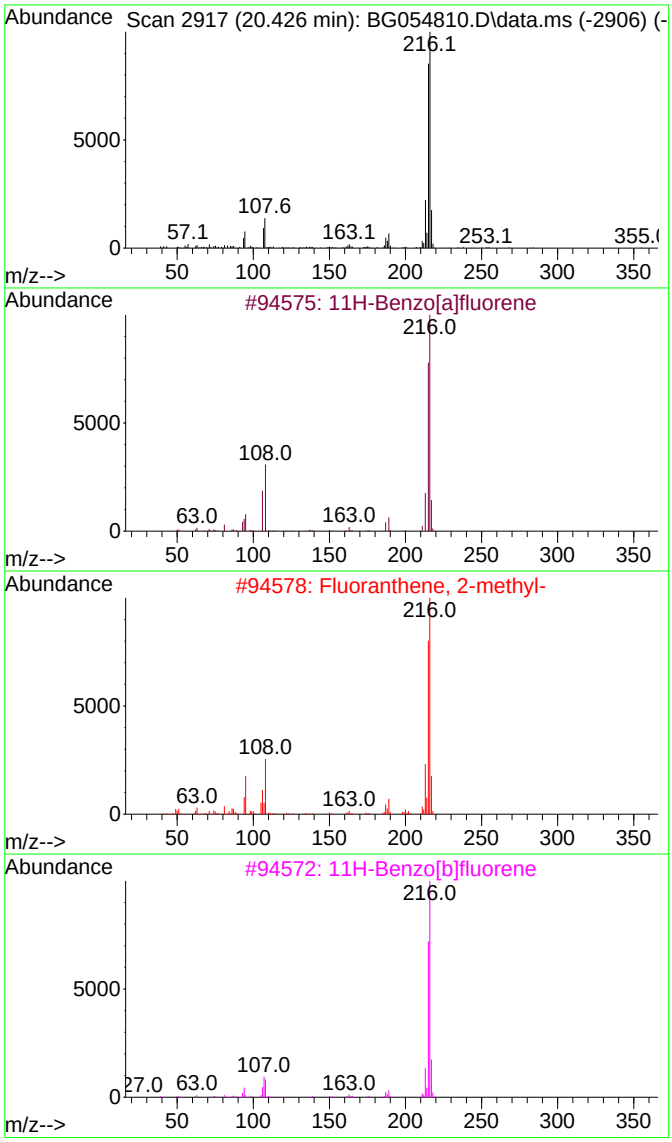
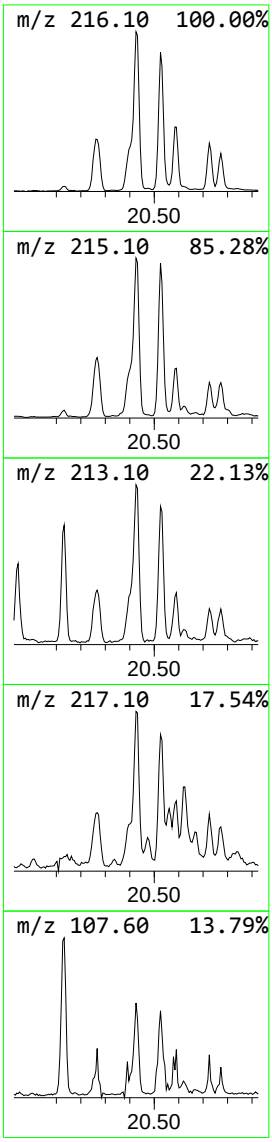
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.426	6.14 ng	447749	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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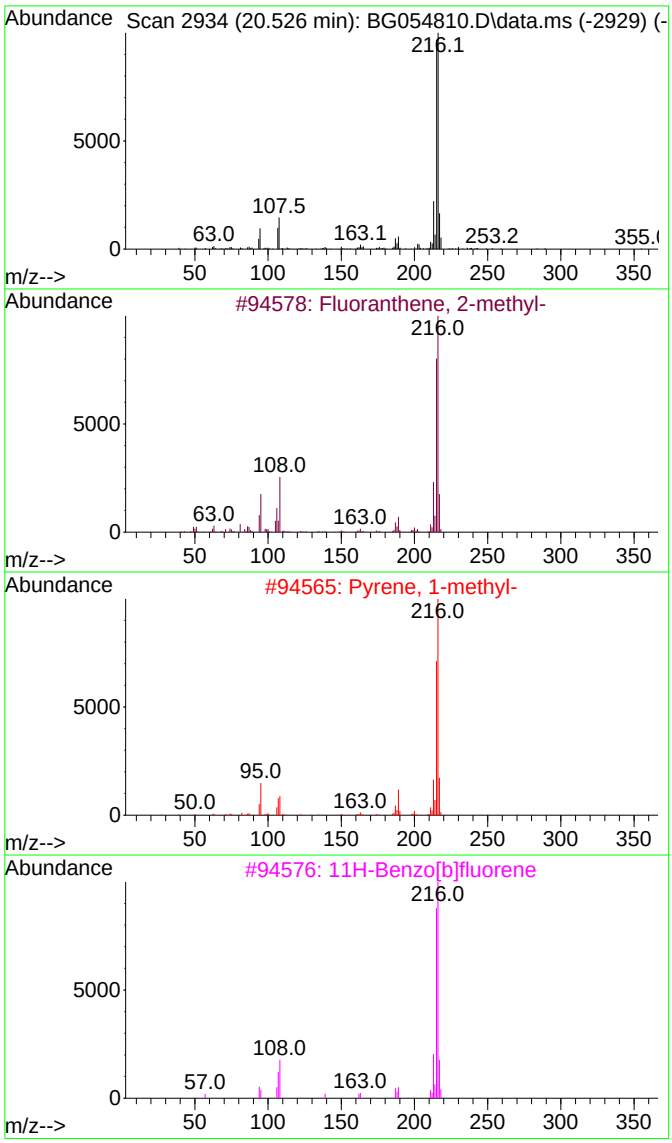
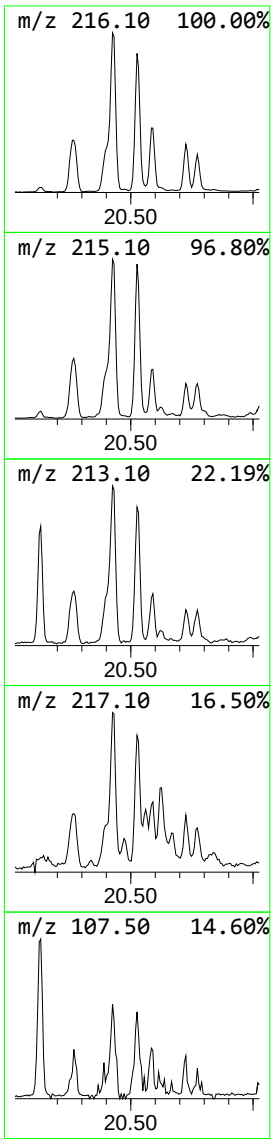
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.526	3.72 ng	270938	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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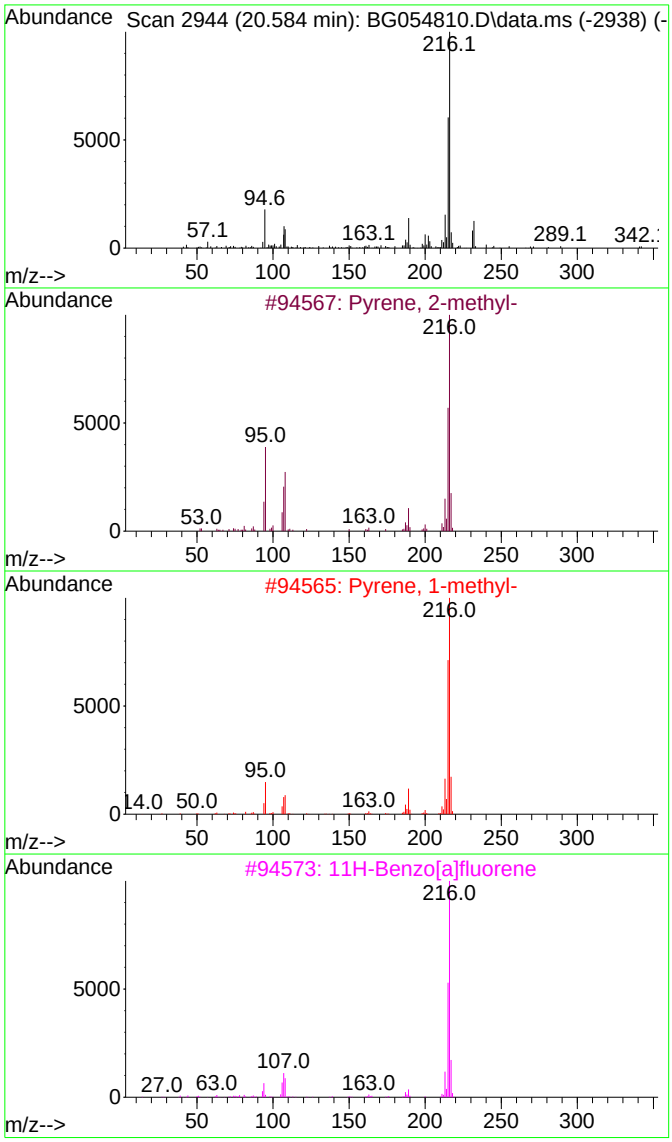
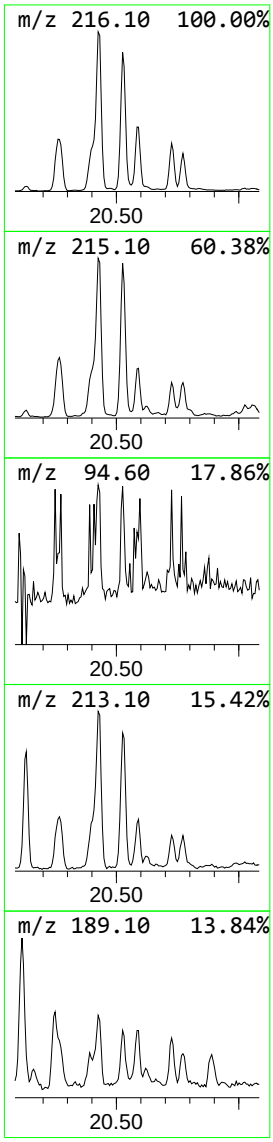
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.584	2.52 ng	184075	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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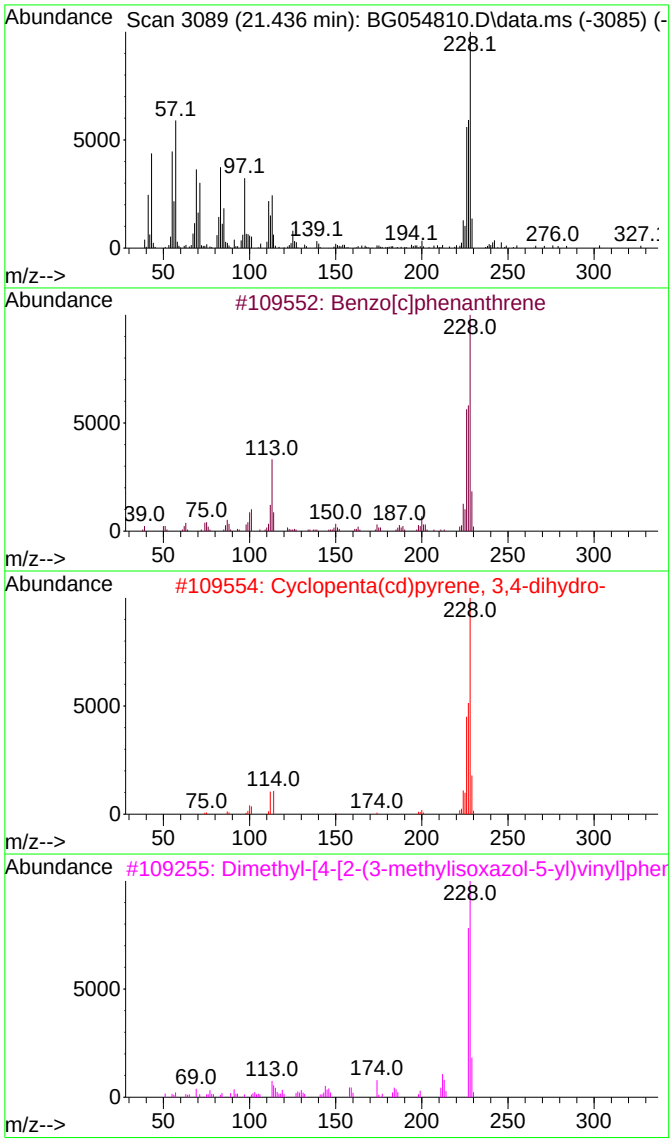
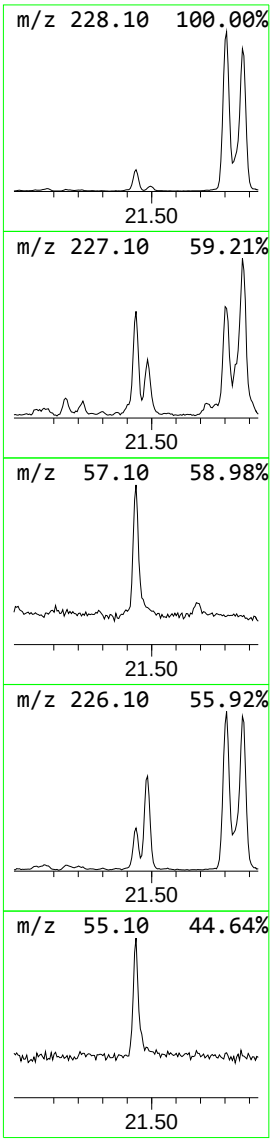
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.436	3.06 ng	223114	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	45
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38
4	1-Phenyl-1H-pyrazolo[3,4-d]pyrim...	228	C11H8N4S	1000476-87-5	38
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	38





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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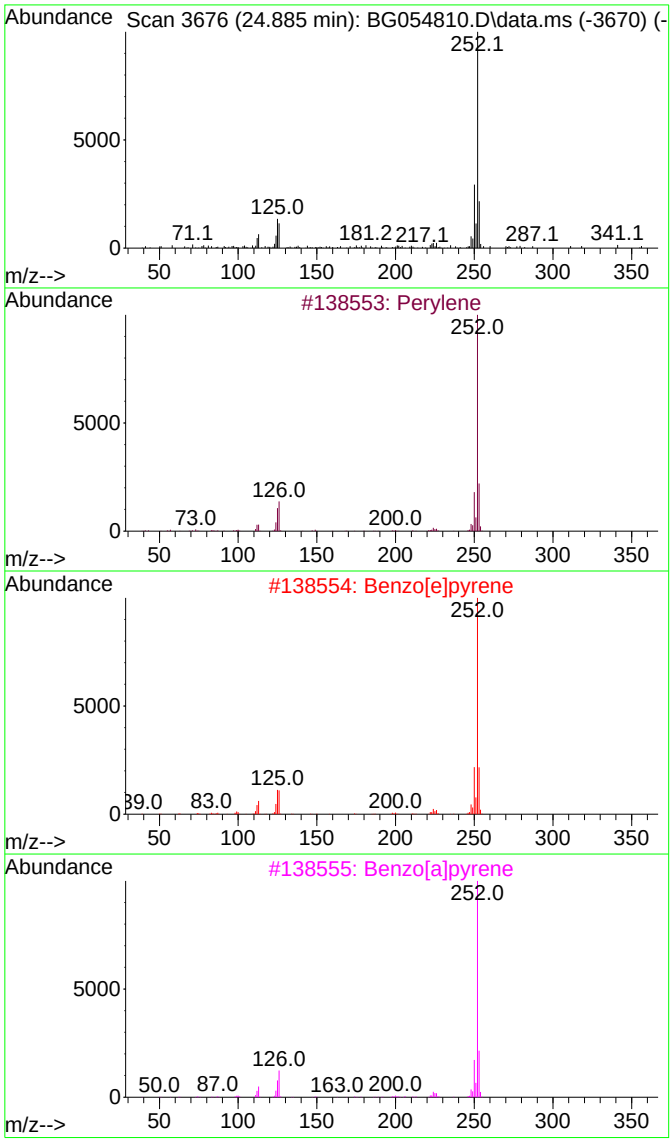
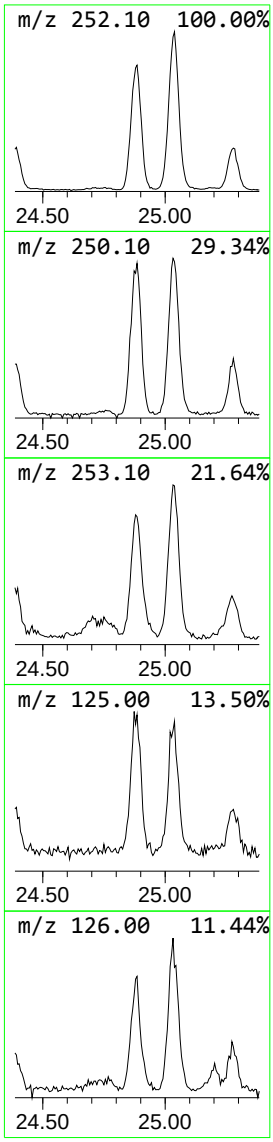
Peak Number 18 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.885	5.32 ng	226845	Perylene-d12	25.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

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Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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-...	5.208	17.8	ng	269971	1	8.152	302923	20.0
1,1'-Biphenyl, ...	17.929	2.6	ng	101834	4	17.529	782669	20.0
Anthracene, 2-m...	18.404	3.0	ng	115640	4	17.529	782669	20.0
Phenanthrene, 2...	18.451	3.7	ng	145834	4	17.529	782669	20.0
Anthracene, 9-m...	18.534	2.3	ng	90647	4	17.529	782669	20.0
4H-Cyclopenta[d...	18.604	11.3	ng	443216	4	17.529	782669	20.0
Naphthalene, 2-...	18.898	3.6	ng	142845	4	17.529	782669	20.0
1-Octadecanol	19.251	3.8	ng	149832	4	17.529	782669	20.0
Phenanthrene, 2...	19.309	2.6	ng	99993	4	17.529	782669	20.0
Cyclopenta(def)...	19.456	6.0	ng	233828	4	17.529	782669	20.0
Phenaleno[1,9-b...	19.820	2.0	ng	147328	5	21.824	1458580	20.0
Benzo(b)naphtho...	20.249	3.1	ng	223317	5	21.824	1458580	20.0
11H-Benzo[a]flu...	20.426	6.1	ng	447749	5	21.824	1458580	20.0
Fluoranthene, 2...	20.526	3.7	ng	270938	5	21.824	1458580	20.0
Pyrene, 2-methyl-	20.584	2.5	ng	184075	5	21.824	1458580	20.0
Benzo[c]phenant...	21.436	3.1	ng	223114	5	21.824	1458580	20.0
Perylene	24.885	5.3	ng	226845	6	25.202	852411	20.0