LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-202

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.583	215	220	227	rBV	14343	21652	1.62%	0.122%
2	5.205	320	326	339	rBV	165359	255207	19.13%	1.440%
3	5.699	403	410	421	rBV	324281	519452	38.94%	2.930%
4	6.310	507	514	521	rBV2	9472	14725	1.10%	0.083%
5	7.321	677	686	697	rBV	365074	633378	47.48%	3.573%
6	8.161	823	829	836	rBV	101908	173245	12.99%	0.977%
7	9.336	1022	1029	1043	rVB	205077	375797	28.17%	2.120%
8	10.993	1303	1311	1316	rBV	162867	290872	21.81%	1.641%
9	11.046	1316	1320	1328	rVB	35606	59454	4.46%	0.335%
10	12.638	1585	1591	1597	rVB	21146	32848	2.46%	0.185%
11	12.849	1622	1627	1634	rVB	14741	24425	1.83%	0.138%
12	13.419	1717	1724	1731	rVB	525090	790738	59.28%	4.461%
13	13.596	1747	1754	1758	rBV	9786	15906	1.19%	0.090%
14	14.113	1838	1842	1847	rBV2	13629	22264	1.67%	0.126%
15	14.248	1856	1865	1869	rBV6	6315	14847	1.11%	0.084%
16	14.524	1907	1912	1921	rBV2	14164	30487	2.29%	0.172%
17	14.794	1952	1958	1965	rVB	295691	467339	35.04%	2.636%
18	14.859	1965	1969	1975	rVB	26551	39800	2.98%	0.225%
19	15.188	2016	2025	2033	rBV3	22793	41806	3.13%	0.236%
20	15.258	2033	2037	2042	rBV3	9790	15771	1.18%	0.089%
21	15.399	2056	2061	2068	rBV5	12298	27806	2.08%	0.157%
22	15.581	2083	2092	2093	rBV5	9211	20638	1.55%	0.116%
23	15.605	2093	2096	2102	rVB2	14511	19483	1.46%	0.110%
24	15.840	2130	2136	2142	rBV	33136	57467	4.31%	0.324%
25	15.999	2159	2163	2168	rVB6	8335	13760	1.03%	0.078%
26	16.134	2176	2186	2191	rBV4	16872	37398	2.80%	0.211%
27	16.281	2205	2211	2219	rBV	452281	698495	52.36%	3.940%
28	16.474	2239	2244	2259	rVB	19761	76440	5.73%	0.431%
29	16.833	2296	2305	2311	rBV7	15611	44159	3.31%	0.249%
30	17.062	2337	2344	2348	rBV6	16487	34800	2.61%	0.196%
31	17.197	2361	2367	2373	rBV3	37718	77986	5.85%	0.440%
32	17.256	2373	2377	2383	rVV6	18994	33127	2.48%	0.187%
33	17.356	2390	2394	2400	rVB	27476	40518	3.04%	0.229%
34	17.538	2418	2425	2429	rBV	382518	607120	45.51%	3.425%
35	17.579	2429	2432	2440	rVB	365647	501145	37.57%	2.827%
36	17.673	2443	2448	2451	rBV	61034	86070	6.45%	0.486%

LSC Area Percent Report

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Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.937	2490	2493	2499	rBV2	19238	33911	2.54%	0.191%
38	18.049	2508	2512	2518	rBV3	19394	27201	2.04%	0.153%
39	18.120	2520	2524	2530	rVB3	32384	52605	3.94%	0.297%
40	18.408	2567	2573	2577	rBV2	128343	231909	17.39%	1.308%
41	18.460	2577	2582	2587	rVV	107616	167949	12.59%	0.947%
42	18.537	2591	2595	2600	rVV	34337	49231	3.69%	0.278%
43	18.601	2600	2606	2610	rVV2	101257	217513	16.31%	1.227%
44	18.637	2610	2612	2617	rVB	66897	88045	6.60%	0.497%
45	18.754	2629	2632	2634	rBV3	13216	13803	1.03%	0.078%
46	18.895	2652	2656	2660	rBV	62636	86312	6.47%	0.487%
47	18.948	2660	2665	2673	rVB2	71524	118605	8.89%	0.669%
48	19.142	2695	2698	2702	rVB	30781	40411	3.03%	0.228%
49	19.189	2703	2706	2710	rBV	38829	47683	3.57%	0.269%
50	19.230	2710	2713	2721	rVB	32675	46694	3.50%	0.263%
51	19.312	2722	2727	2732	rBV	95237	168896	12.66%	0.953%
52	19.459	2747	2752	2760	rBV2	68890	144527	10.83%	0.815%
53	19.583	2767	2773	2778	rVB	807899	1147800	86.05%	6.475%
54	19.630	2779	2781	2783	rVV	21433	20713	1.55%	0.117%
55	19.671	2784	2788	2794	rVB4	40987	71833	5.39%	0.405%
56	19.906	2824	2828	2830	rBV2	124363	178111	13.35%	1.005%
57	19.941	2830	2834	2840	rVB	797478	1136677	85.21%	6.412%
58	20.006	2841	2845	2851	rVB2	71554	107875	8.09%	0.609%
59	20.123	2860	2865	2870	rVB	897583	1150109	86.22%	6.488%
60	20.270	2883	2890	2895	rVB4	91815	204993	15.37%	1.156%
61	20.399	2906	2912	2913	rBV3	93201	154163	11.56%	0.870%
62	20.523	2930	2933	2937	rBV	48276	64946	4.87%	0.366%
63	20.587	2937	2944	2947	rBV2	100577	194719	14.60%	1.098%
64	20.722	2964	2967	2971	rBV	100938	134226	10.06%	0.757%
65	20.769	2972	2975	2985	rVB2	86352	150777	11.30%	0.851%
66	21.198	3044	3048	3054	rVB	121390	182444	13.68%	1.029%
67	21.428	3083	3087	3092	rVB3	117802	193390	14.50%	1.091%
68	21.480	3093	3096	3101	rVB2	68673	104011	7.80%	0.587%
69	21.663	3124	3127	3135	rVB2	119217	187100	14.03%	1.055%
70	21.809	3145	3152	3158	rBV2	467584	1333899	100.00%	7.525%
71	21.868	3158	3162	3174	rVB	453054	808727	60.63%	4.562%
72	24.101	3534	3542	3550	rBV	279852	985136	73.85%	5.557%
73	24.853	3664	3670	3680	rVB3	146830	429344	32.19%	2.422%
74	25.006	3689	3696	3708	rVB	192175	555192	41.62%	3.132%
75	25.170	3717	3724	3731	rVB2	186923	479224	35.93%	2.703%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

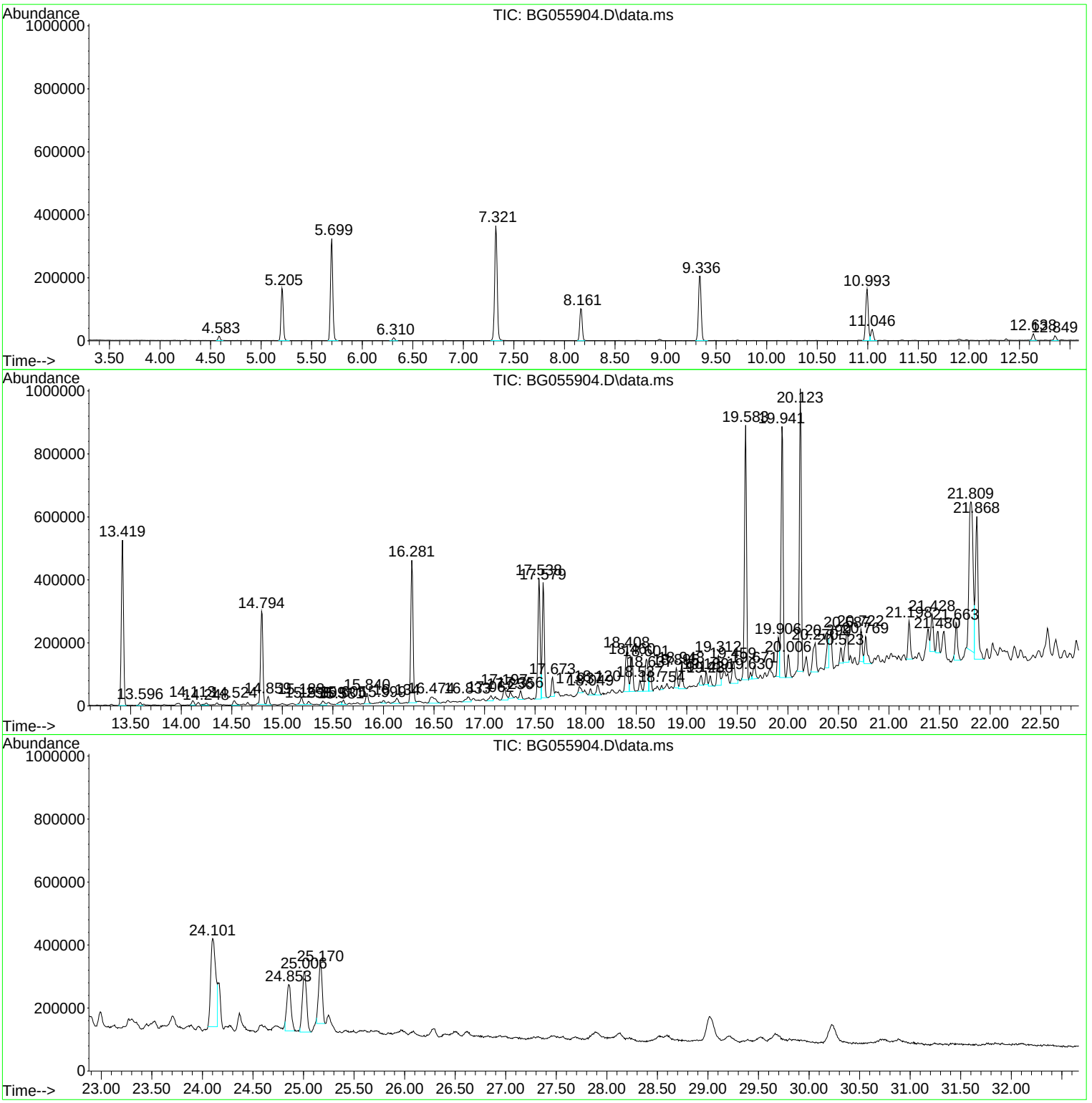
Sum of corrected areas: 17727129

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

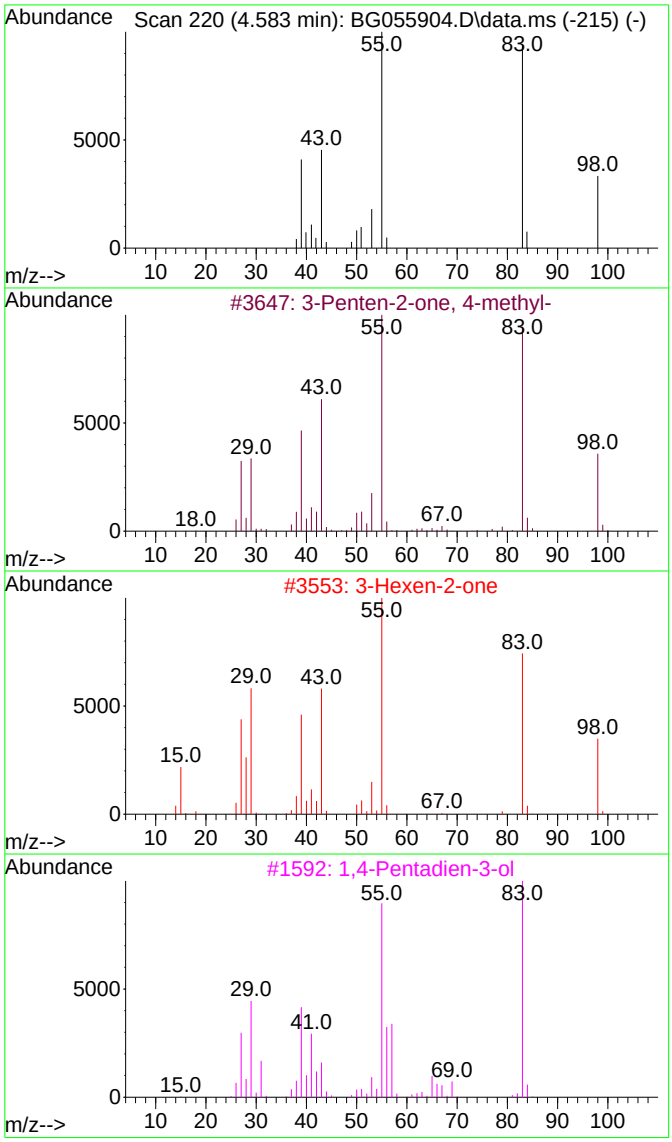
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

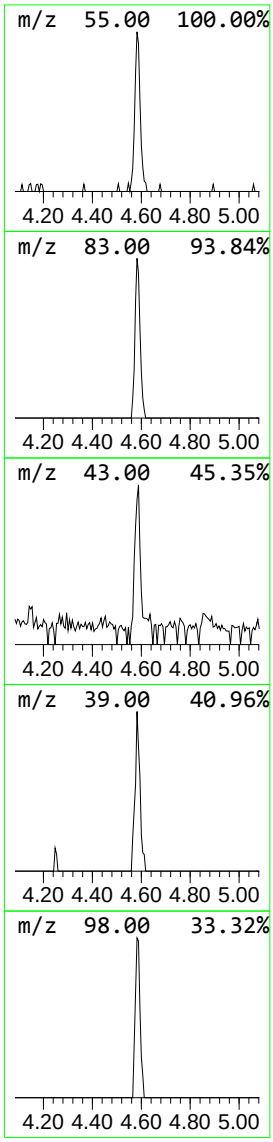
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.583	2.50 ng	21652	1,4-Dichlorobenzene-d4	8.167

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	64
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	59
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

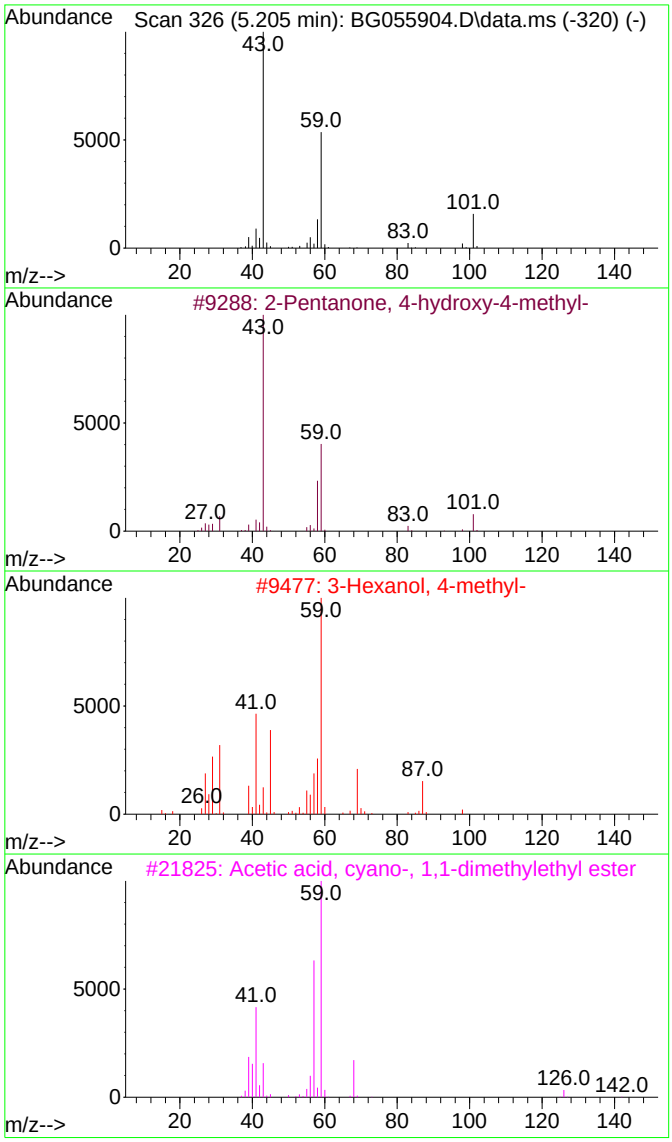
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

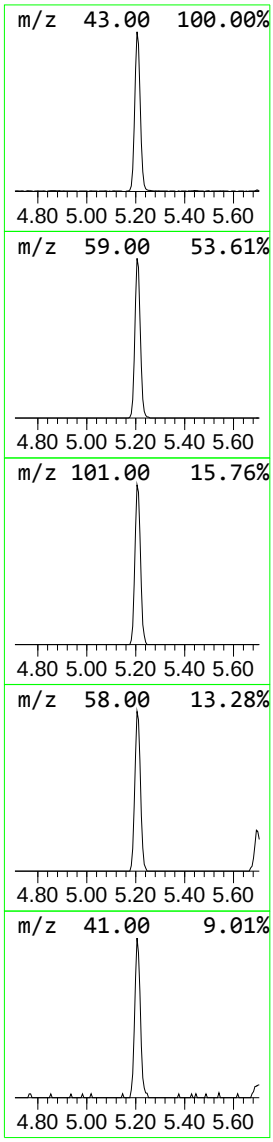
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.205	29.46 ng	255207	1,4-Dichlorobenzene-d4	8.167

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

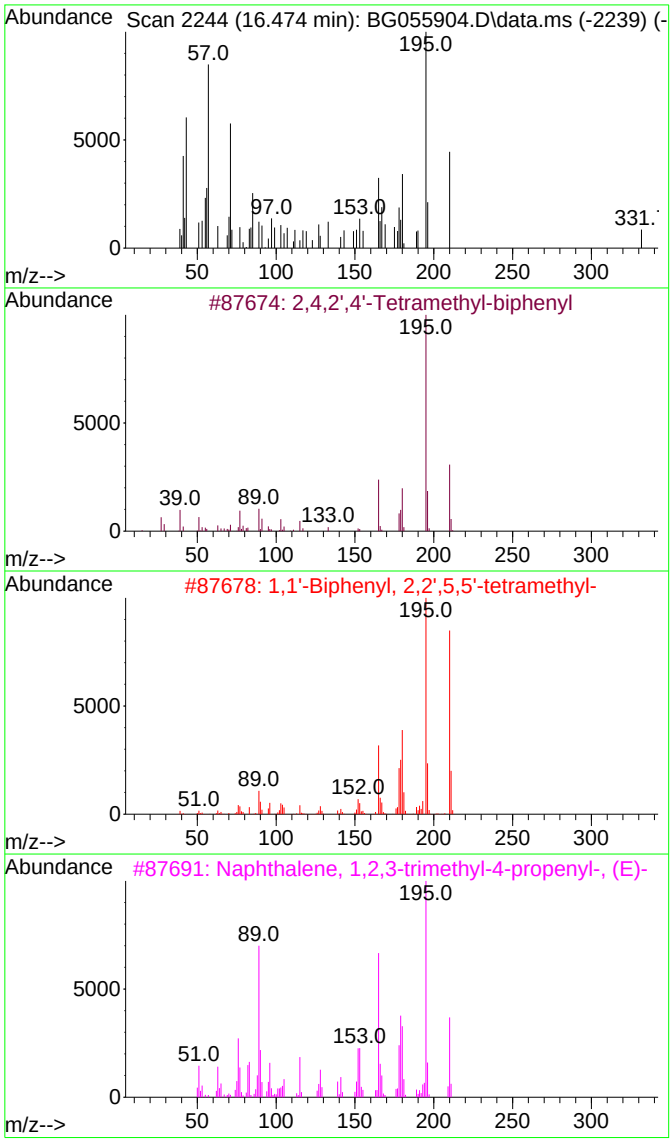
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

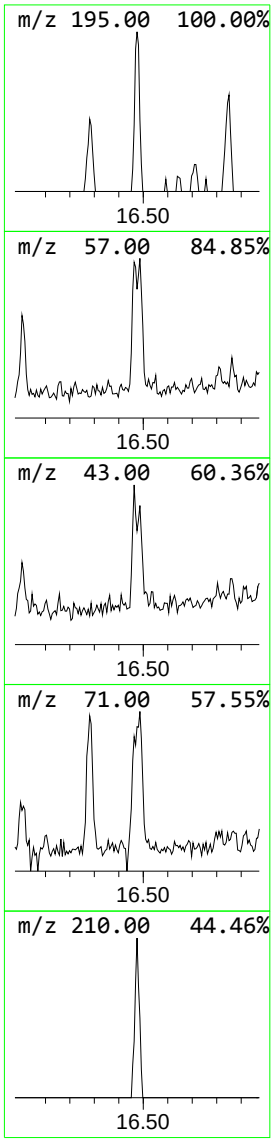
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.474	2.52 ng	76440	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	70
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	62
3	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	62
4	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	55
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

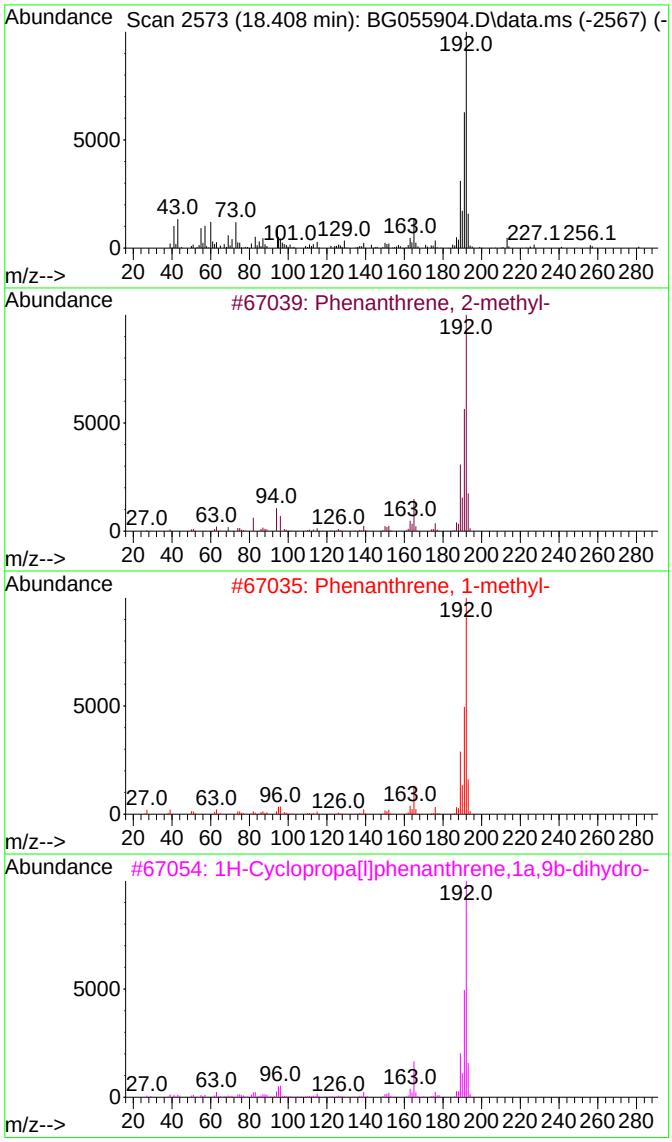
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

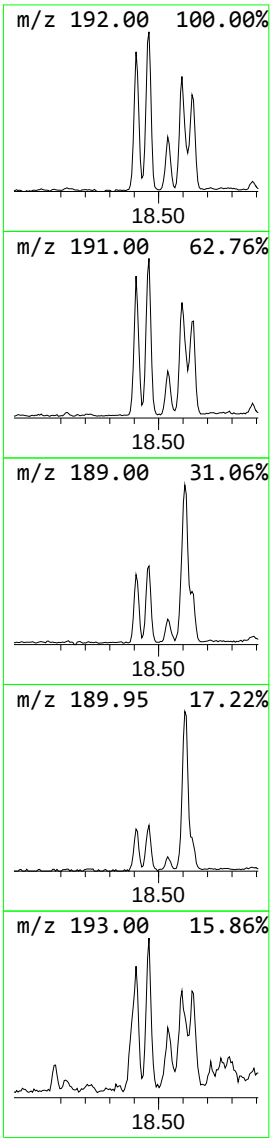
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.407	7.64 ng	231909	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

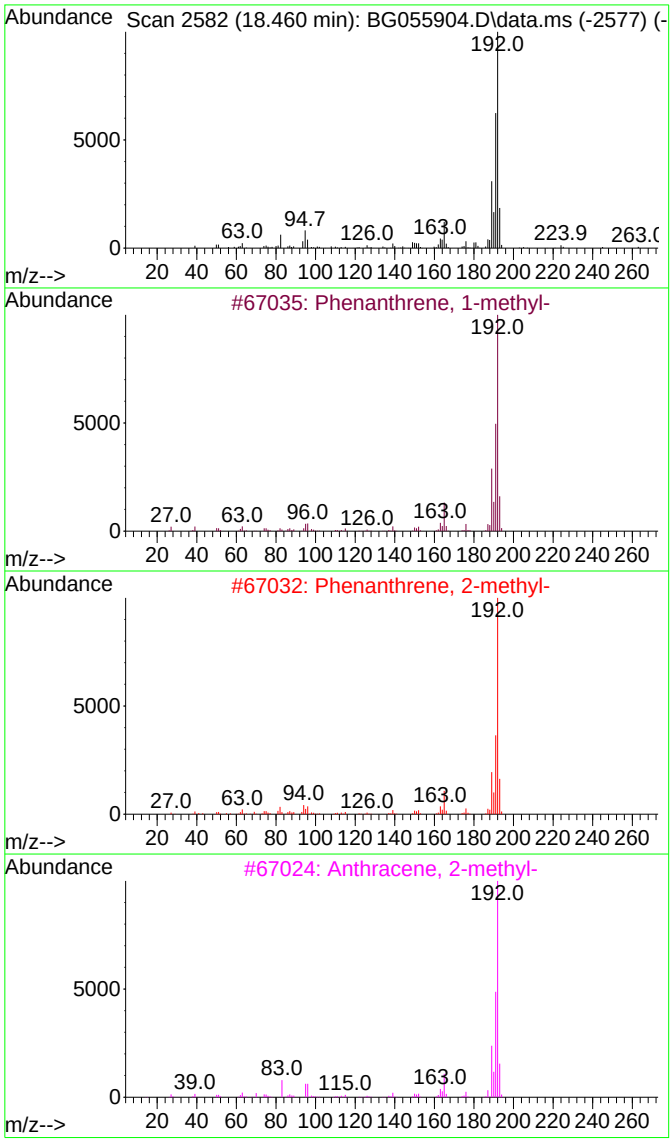
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

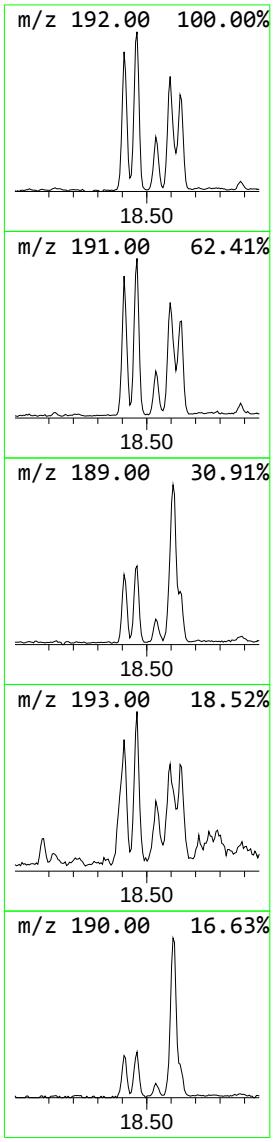
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	5.53 ng	167949	Phenanthrene-d10	17.538

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	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

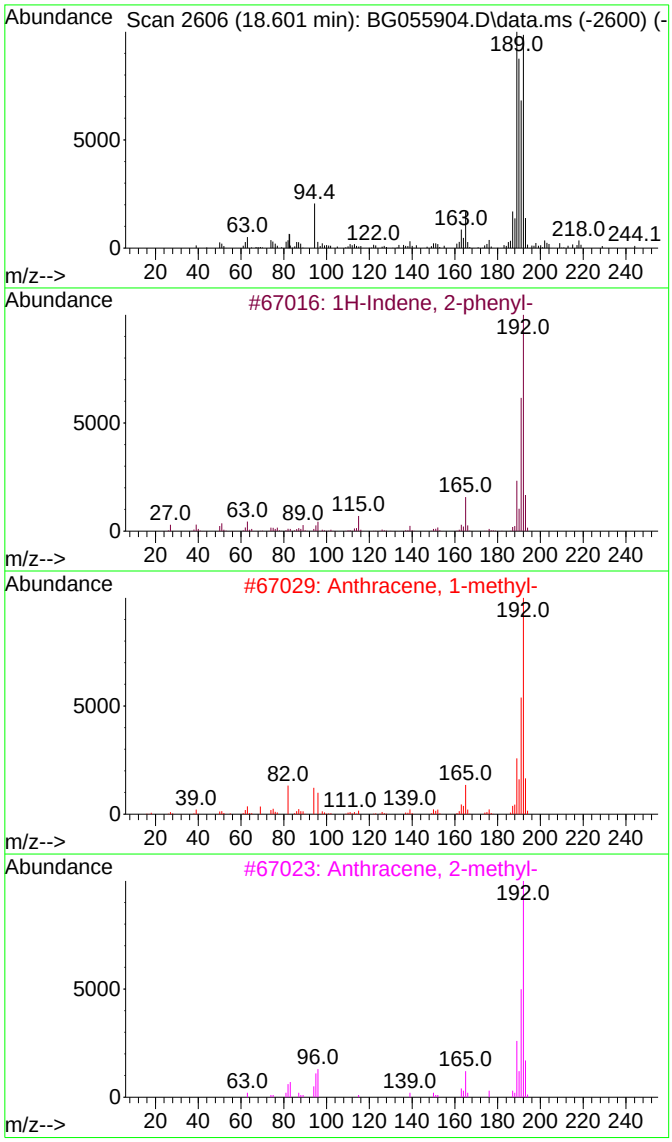
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

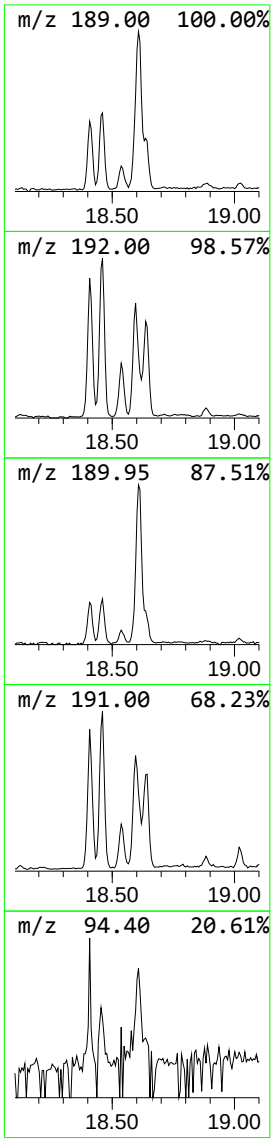
****

Peak Number 7 unknown18.601 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.601	7.17 ng	217513	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-202

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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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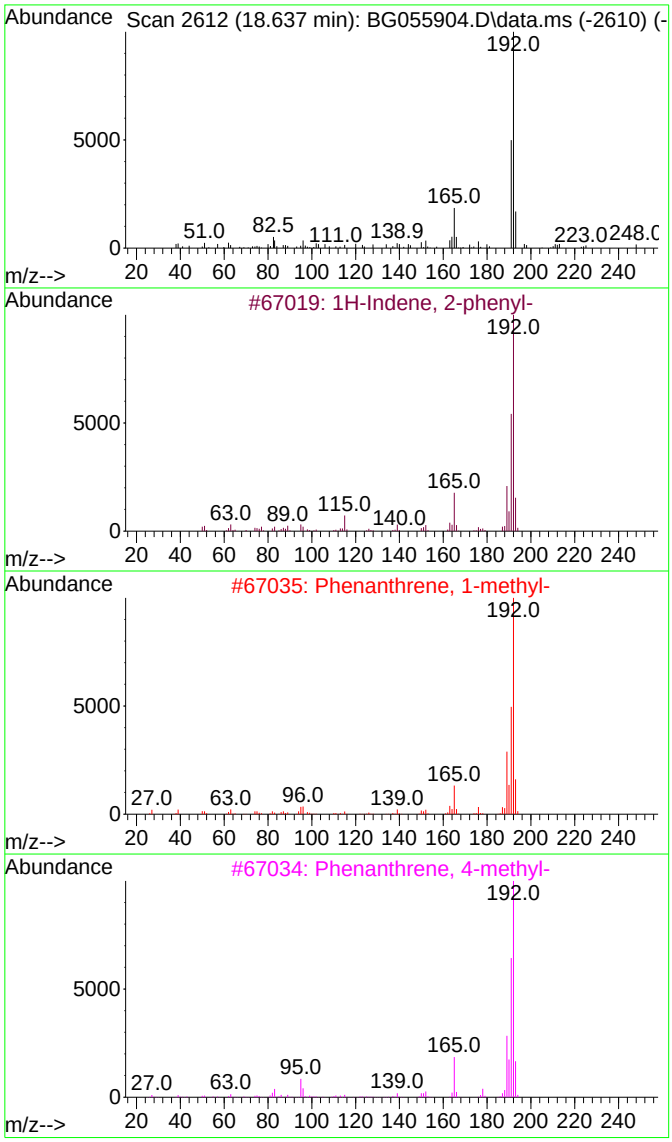
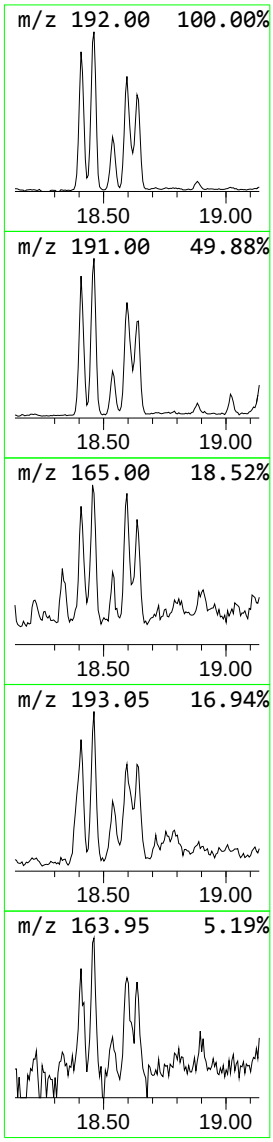
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.637	2.90 ng	88045	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VNJ-202

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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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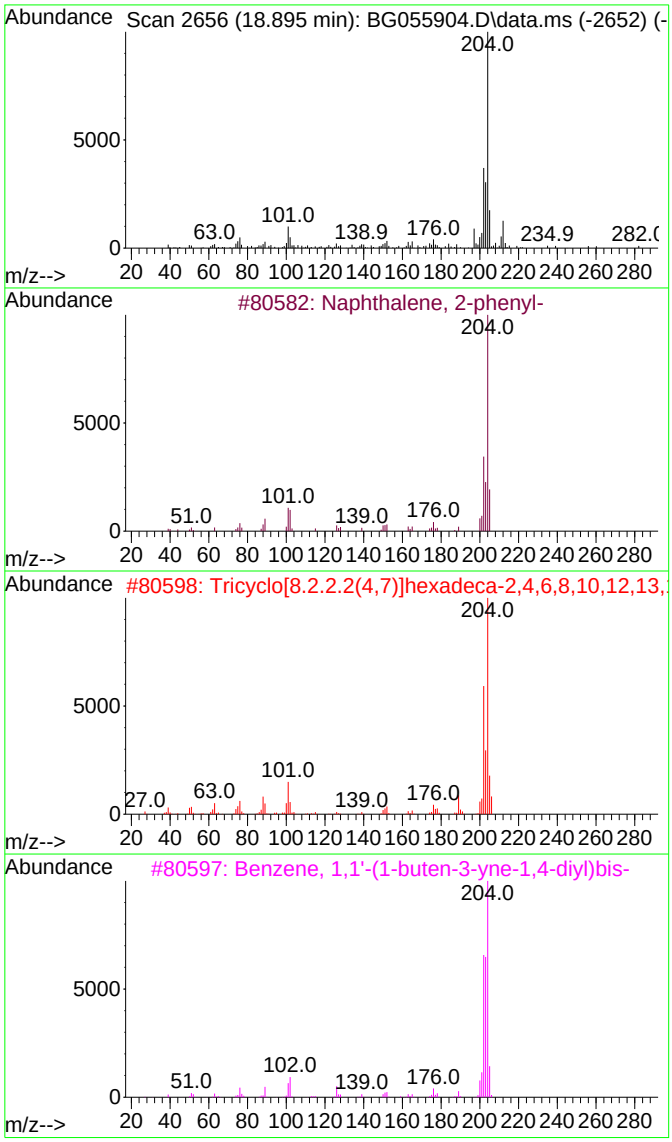
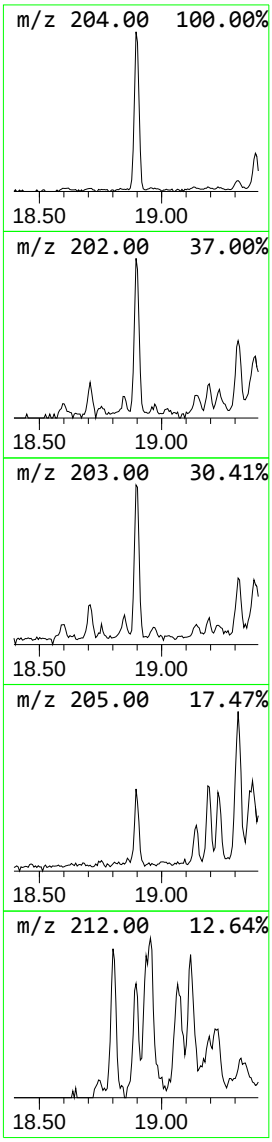
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.895	2.84 ng	86312	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	46





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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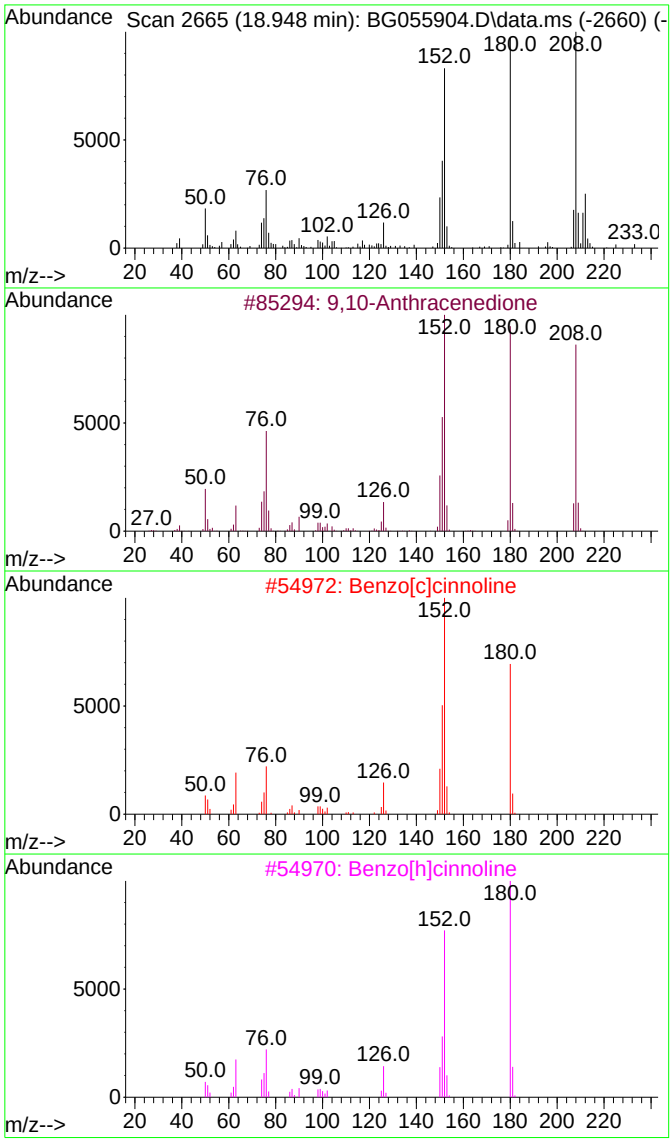
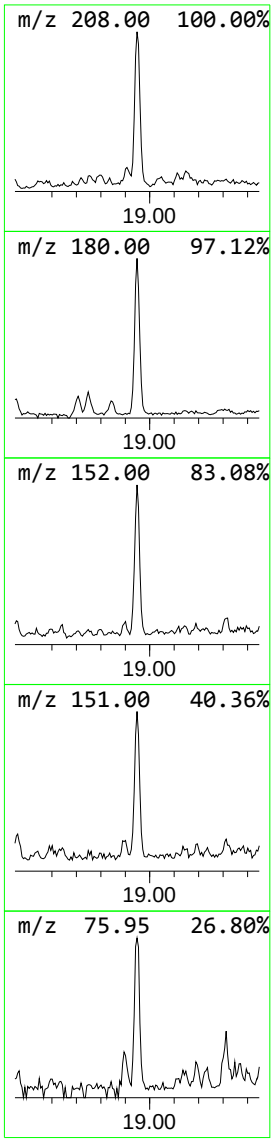
Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.948	3.91 ng	118605	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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ALS Vial : 6 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

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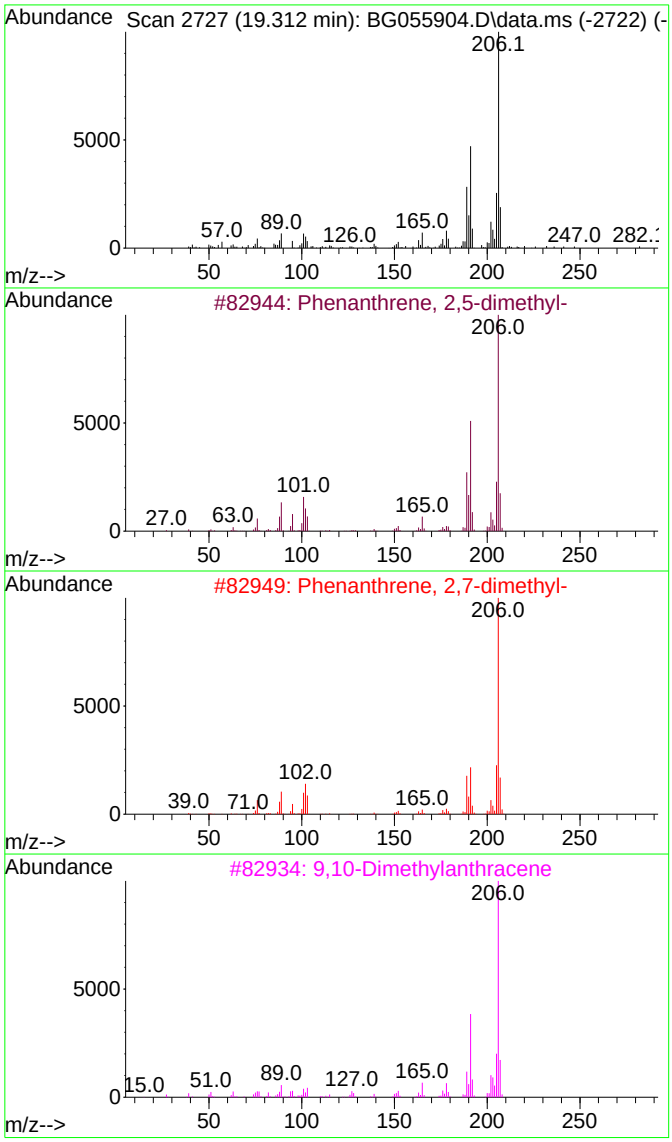
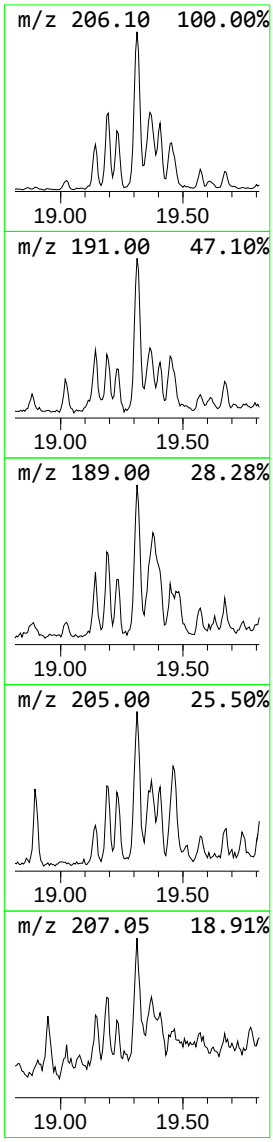
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.312	5.56 ng	168896	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-202

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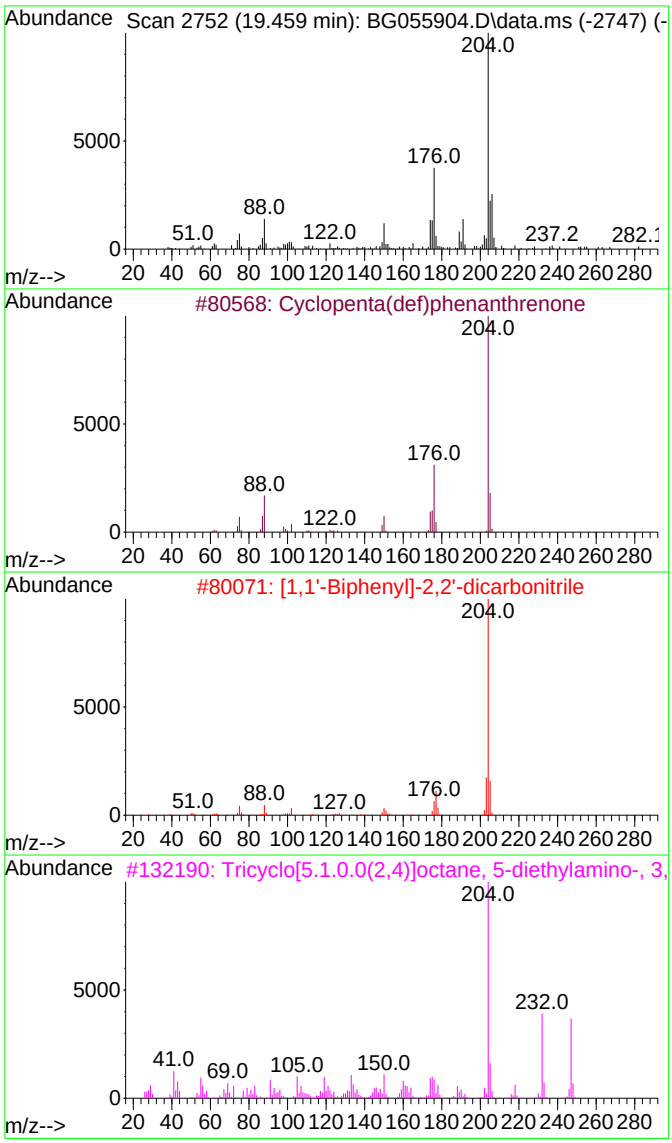
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

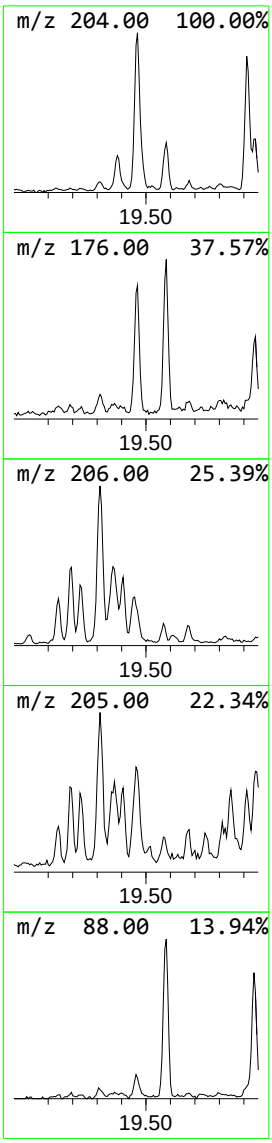
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.459	4.76 ng	144527	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47





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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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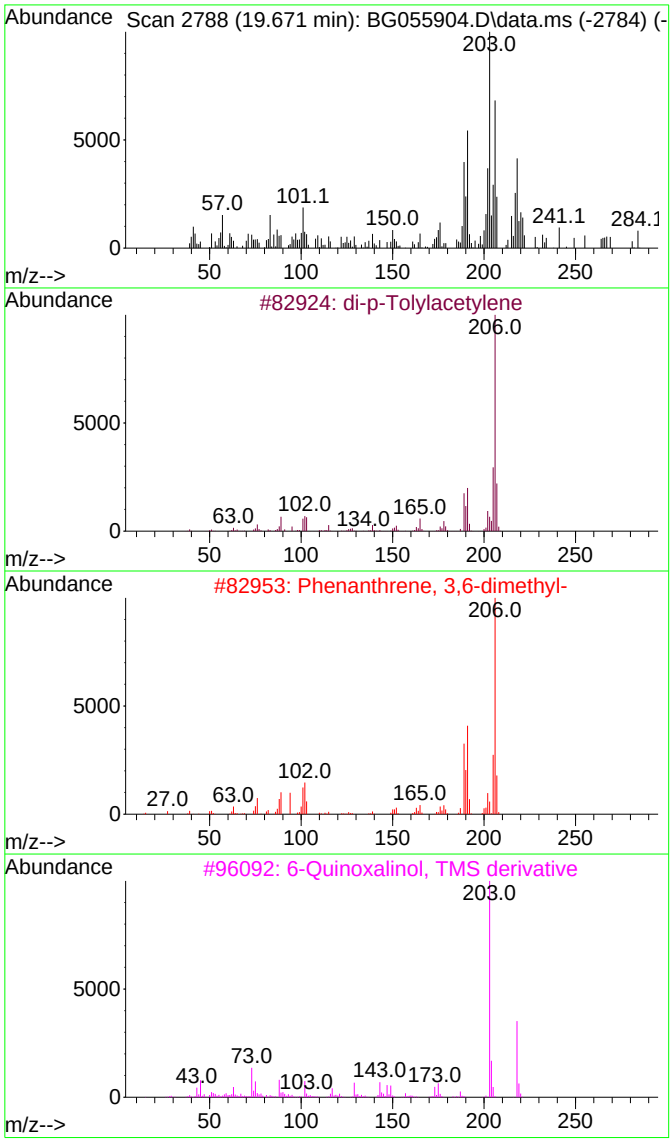
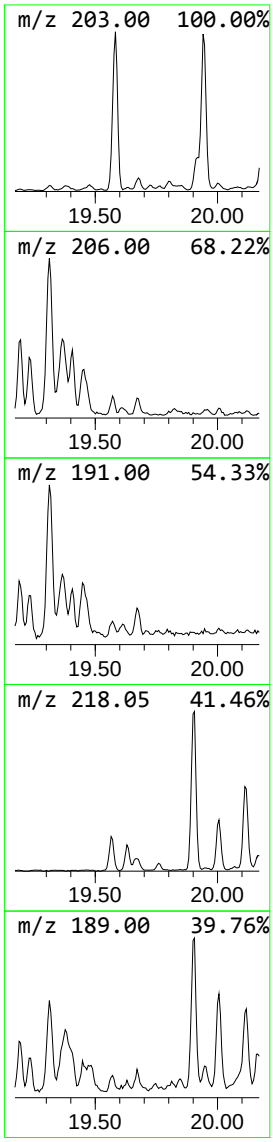
Peak Number 13 unknown19.671 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.671	2.37 ng	71833	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	41
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	6-Quinoxalinol, TMS derivative	218	C11H14N2OSi	1000474-34-3	38
4	9-Methyl-10-vinylanthracene	218	C17H14	1000431-68-3	38
5	8-Acetyl-7-methoxycoumarin	218	C12H10O4	089019-07-8	25





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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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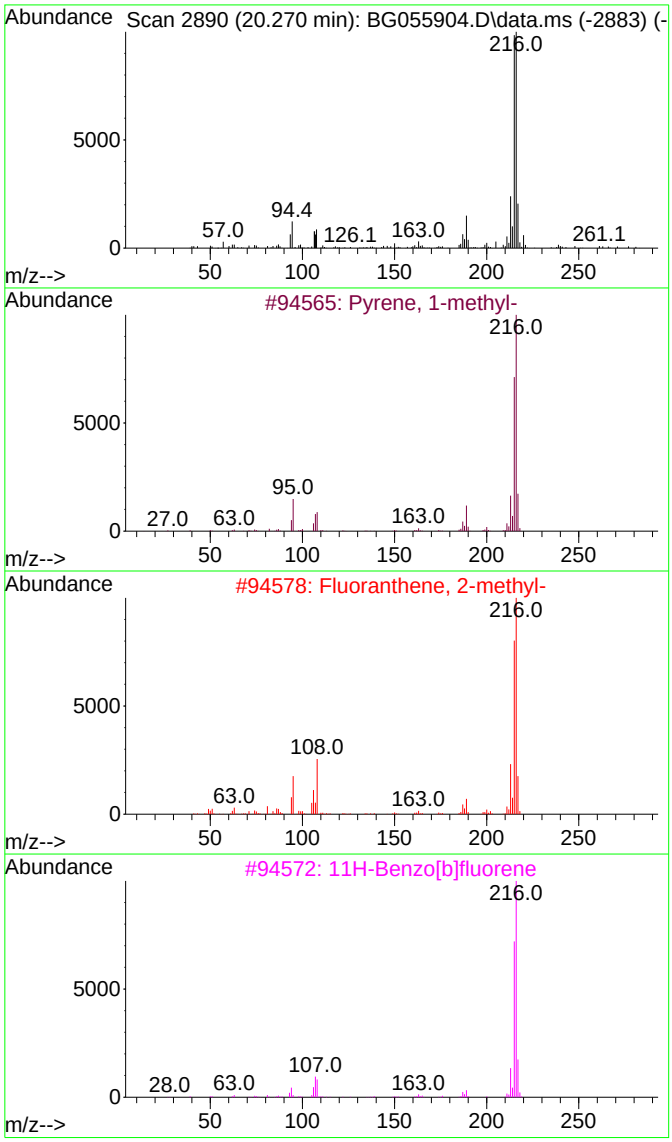
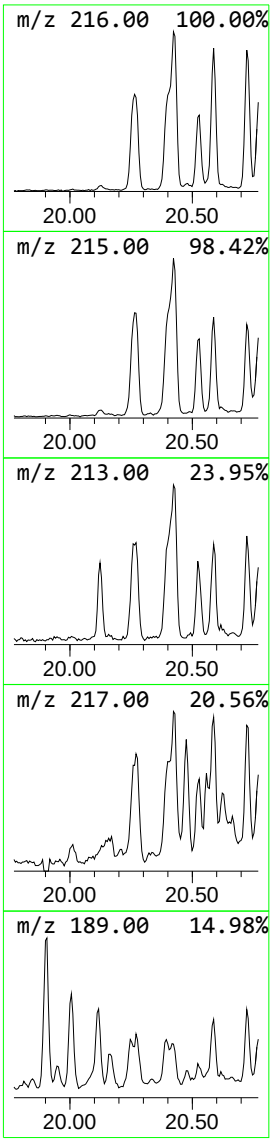
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.270	3.07 ng	204993	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : N5881-01
Misc :
ALS Vial : 6 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

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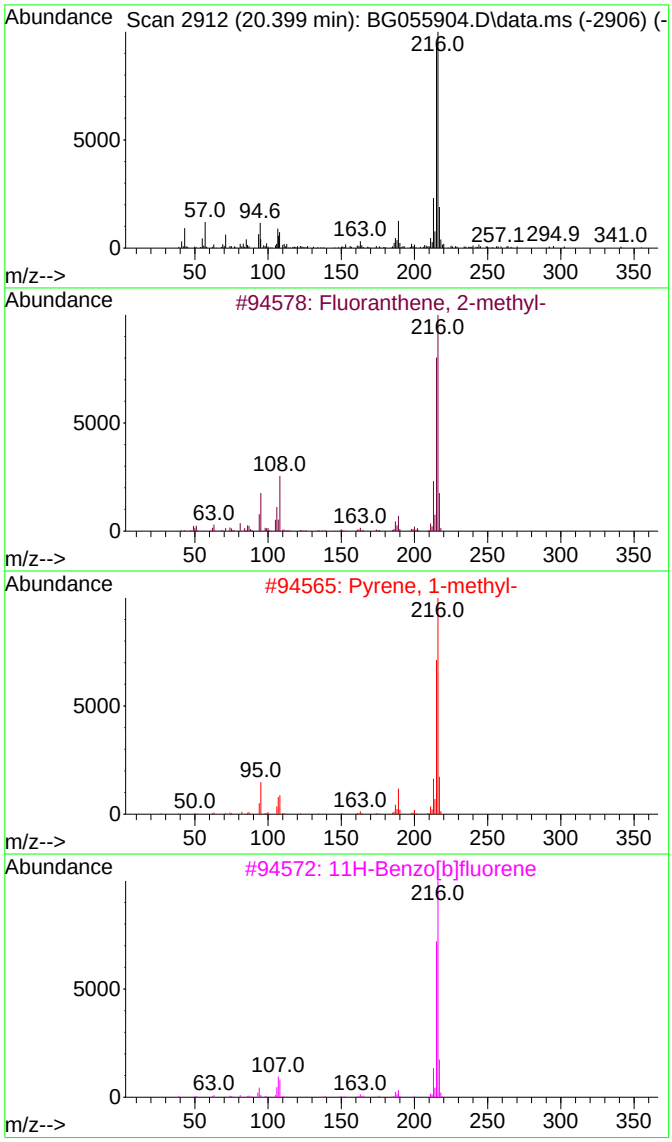
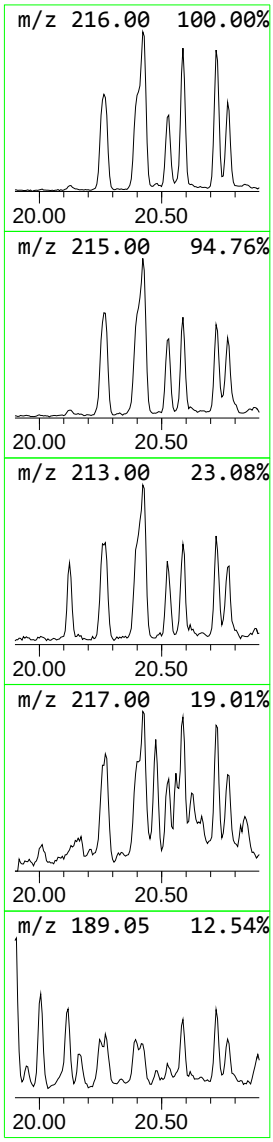
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.399	2.31 ng	154163	Chrysene-d12	21.821

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	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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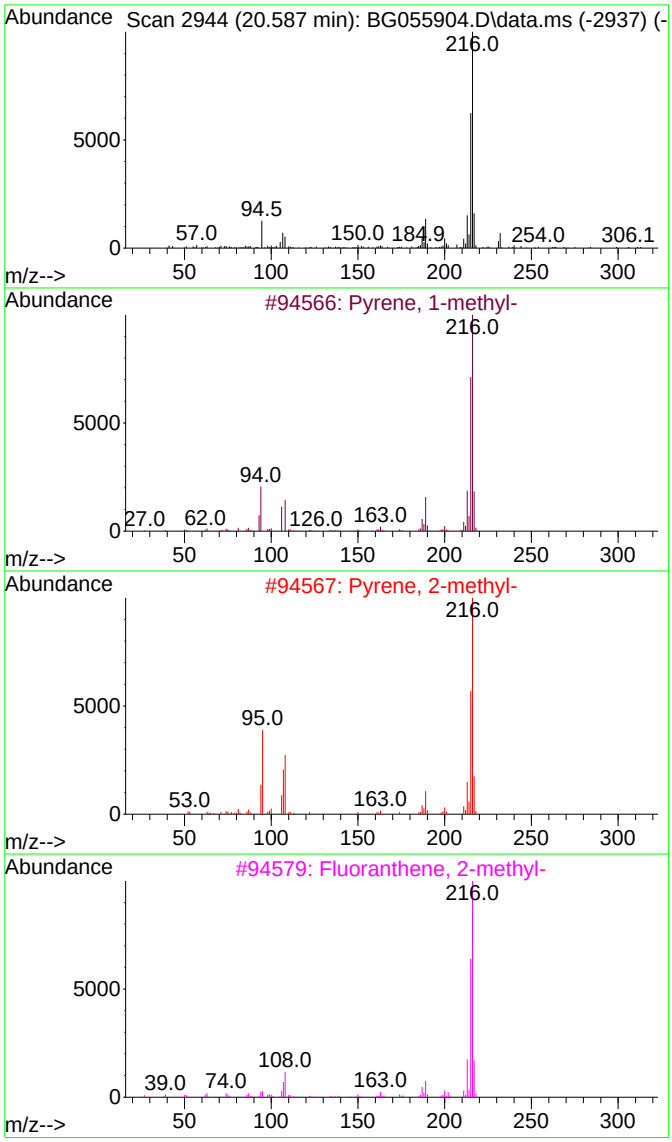
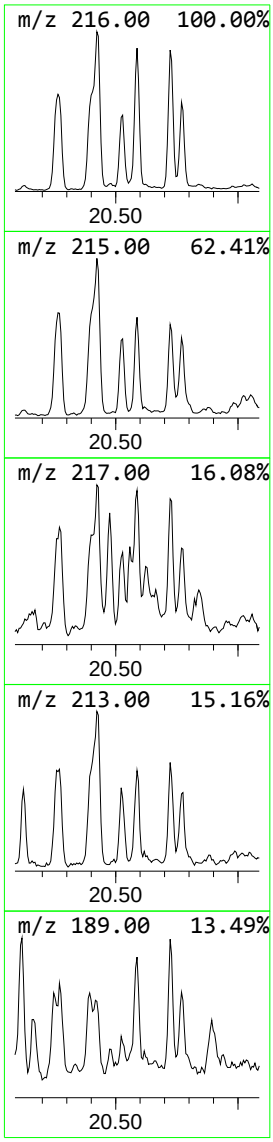
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.587	2.92 ng	194719	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Misc :
ALS Vial : 6 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

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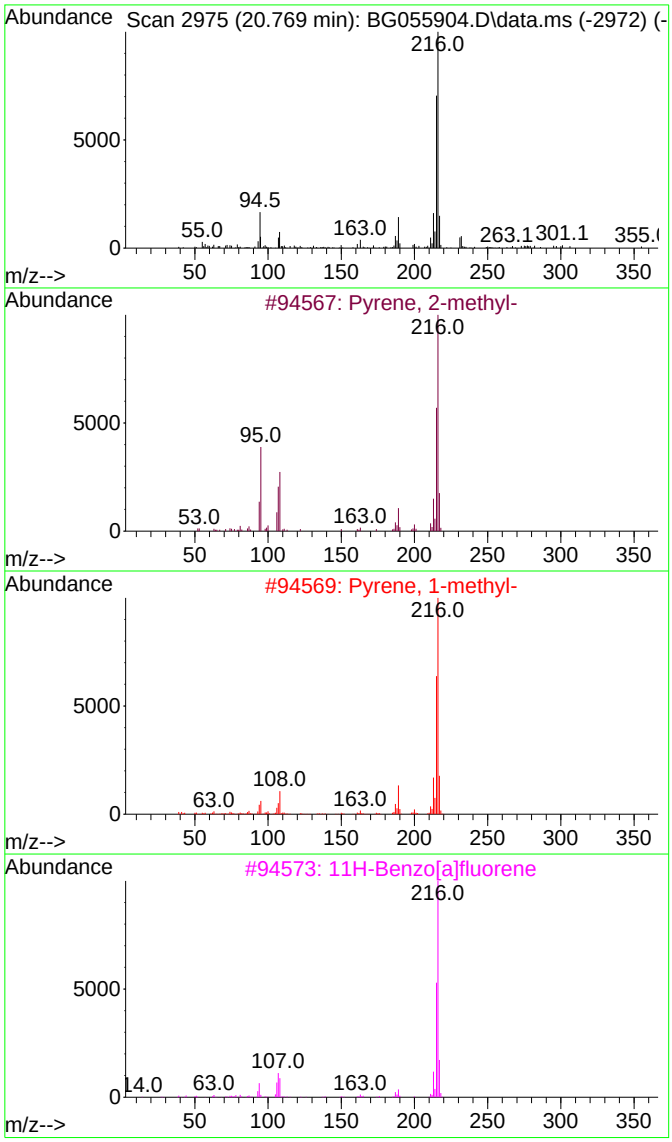
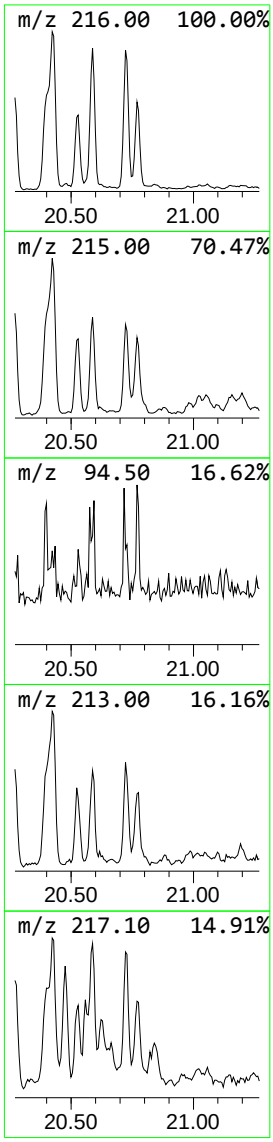
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.770	2.26 ng	150777	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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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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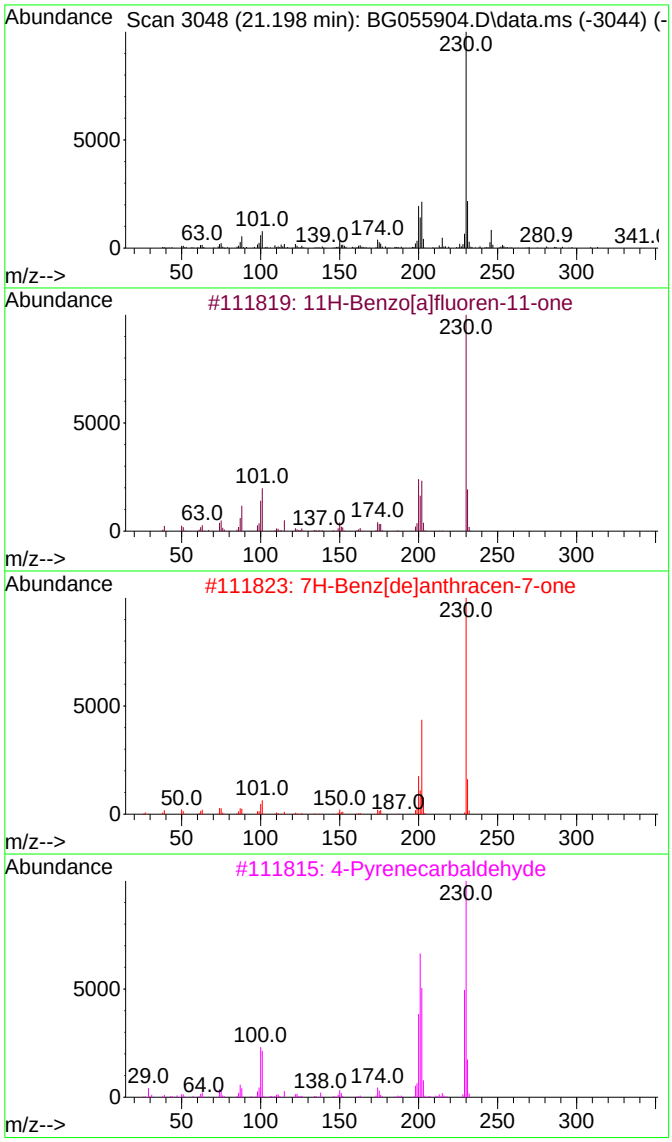
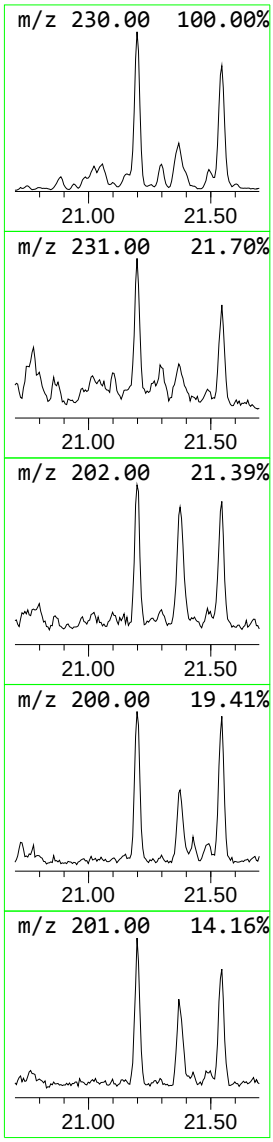
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	2.74 ng	182444	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	62
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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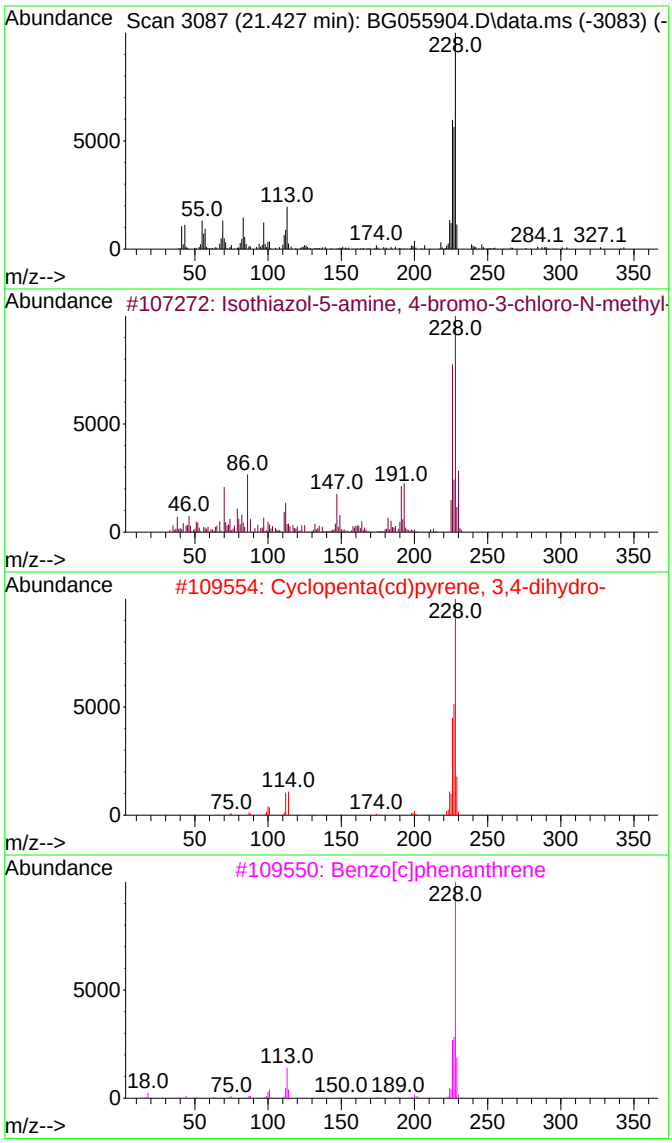
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

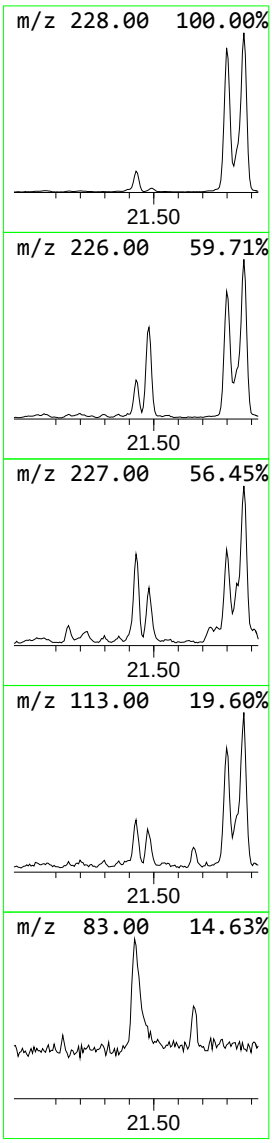
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Isothiazol-5-amine, 4-bromo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	2.90 ng	193390	Chrysene-d12	21.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Chrysene	228	C18H12	000218-01-9	38
5	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

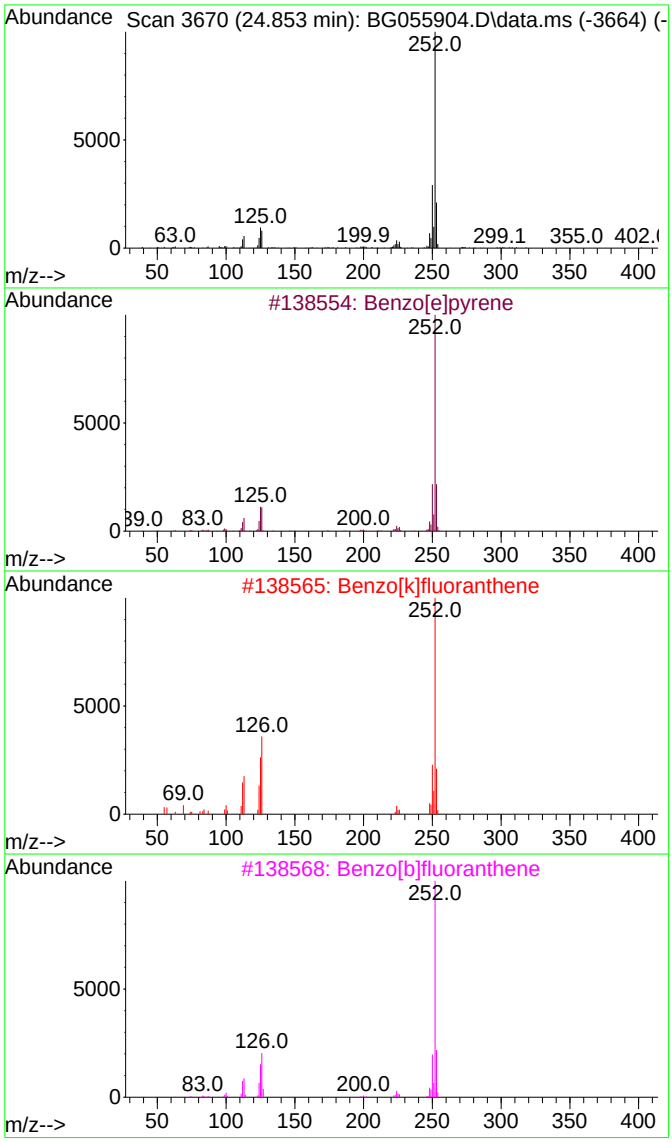
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

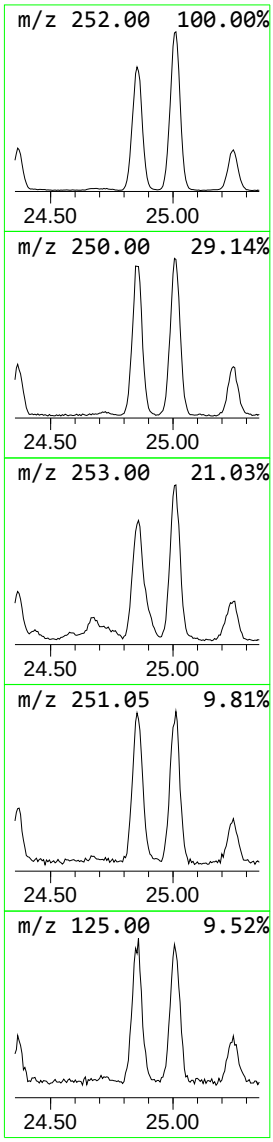
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.853	17.92 ng	429344	Perylene-d12	25.170

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055904.D
Acq On : 6 Dec 2022 15:19
Operator : CG/JU
Sample : N5881-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
3-Penten-2-one,...	4.583	2.5	ng	21652	1	8.167	173245	20.0
2-Pentanone, 4-...	5.205	29.5	ng	255207	1	8.167	173245	20.0
2,4,2',4'-Tetra...	16.474	2.5	ng	76440	4	17.538	607120	20.0
Phenanthrene, 2...	18.407	7.6	ng	231909	4	17.538	607120	20.0
Phenanthrene, 1...	18.460	5.5	ng	167949	4	17.538	607120	20.0
unknown18.601	18.601	7.2	ng	217513	4	17.538	607120	20.0
1H-Indene, 2-ph...	18.637	2.9	ng	88045	4	17.538	607120	20.0
Naphthalene, 2-...	18.895	2.8	ng	86312	4	17.538	607120	20.0
9,10-Anthracene...	18.948	3.9	ng	118605	4	17.538	607120	20.0
Phenanthrene, 2...	19.312	5.6	ng	168896	4	17.538	607120	20.0
Cyclopenta(def)...	19.459	4.8	ng	144527	4	17.538	607120	20.0
unknown19.671	19.671	2.4	ng	71833	4	17.538	607120	20.0
Pyrene, 1-methyl-	20.270	3.1	ng	204993	5	21.821	1333900	20.0
Fluoranthene, 2...	20.399	2.3	ng	154163	5	21.821	1333900	20.0
Pyrene, 2-methyl-	20.587	2.9	ng	194719	5	21.821	1333900	20.0
11H-Benzo[a]flu...	20.770	2.3	ng	150777	5	21.821	1333900	20.0
11H-Benzo[a]flu...	21.198	2.7	ng	182444	5	21.821	1333900	20.0
Isothiazol-5-am...	21.427	2.9	ng	193390	5	21.821	1333900	20.0
Benzo[e]pyrene	24.853	17.9	ng	429344	6	25.170	479224	20.0