LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-27-5B02

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.377	9	15	21	rBV	24505	38063	4.49%	0.609%
2	5.398	352	359	366	rBV	53159	82532	9.73%	1.321%
3	5.874	432	440	450	rVB	136104	215427	25.39%	3.448%
4	7.484	707	714	723	rVB	138512	232690	27.42%	3.724%
5	8.353	856	862	869	rVB	33331	53275	6.28%	0.853%
6	9.528	1053	1062	1068	rBV	86402	153583	18.10%	2.458%
7	9.652	1070	1083	1091	rVB2	26475	69131	8.15%	1.106%
8	11.185	1337	1344	1350	rBV	42478	74171	8.74%	1.187%
9	13.594	1744	1754	1761	rBV	289992	450379	53.07%	7.208%
10	13.770	1778	1784	1789	rBV3	4653	10256	1.21%	0.164%
11	14.417	1885	1894	1899	rBV3	15100	28005	3.30%	0.448%
12	14.693	1935	1941	1949	rBV	17664	34686	4.09%	0.555%
13	14.963	1978	1987	1993	rVB	80045	125787	14.82%	2.013%
14	15.351	2045	2053	2060	rBV8	3733	11730	1.38%	0.188%
15	15.551	2081	2087	2092	rBV3	9148	18575	2.19%	0.297%
16	15.827	2129	2134	2140	rBV2	7306	13493	1.59%	0.216%
17	16.438	2232	2238	2247	rVB	330807	507266	59.77%	8.118%
18	16.655	2268	2275	2282	rBV9	12706	30150	3.55%	0.483%
19	16.996	2326	2333	2337	rBV8	6518	15709	1.85%	0.251%
20	17.272	2378	2380	2386	rVV6	6829	11061	1.30%	0.177%
21	17.472	2411	2414	2418	rVB3	7685	9357	1.10%	0.150%
22	17.701	2447	2453	2457	rBV	111220	173616	20.46%	2.778%
23	17.742	2457	2460	2467	rVB	38749	58345	6.88%	0.934%
24	17.830	2471	2475	2479	rBV	12030	17718	2.09%	0.284%
25	18.165	2527	2532	2536	rBV7	7058	13774	1.62%	0.220%
26	18.283	2547	2552	2558	rVB	10744	18686	2.20%	0.299%
27	18.547	2593	2597	2604	rBV2	36822	78818	9.29%	1.261%
28	18.618	2605	2609	2613	rVB	24715	35401	4.17%	0.567%
29	18.700	2619	2623	2628	rVB2	13833	20380	2.40%	0.326%
30	18.759	2628	2633	2637	rVV3	39185	80816	9.52%	1.293%
31	18.800	2637	2640	2644	rVB2	26339	35539	4.19%	0.569%
32	18.959	2665	2667	2672	rVB5	9750	11358	1.34%	0.182%
33	19.053	2680	2683	2687	rVB2	20403	25247	2.98%	0.404%
34	19.299	2718	2725	2730	rVB7	18407	38608	4.55%	0.618%
35	19.352	2731	2734	2737	rBV2	12606	13983	1.65%	0.224%
36	19.470	2749	2754	2759	rBV2	53262	89724	10.57%	1.436%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.617	2774	2779	2782	rBV4	16470	35508	4.18%	0.568%
38	19.734	2793	2799	2803	rBV	114582	174345	20.54%	2.790%
39	19.775	2803	2806	2812	rVV2	59863	81777	9.64%	1.309%
40	19.881	2821	2824	2828	rBV	22495	29624	3.49%	0.474%
41	19.998	2840	2844	2848	rVB	30205	41396	4.88%	0.662%
42	20.092	2856	2860	2866	rVB	136927	205363	24.20%	3.287%
43	20.157	2868	2871	2876	rVB	24755	36157	4.26%	0.579%
44	20.280	2886	2892	2896	rVB	665536	848633	100.00%	13.581%
45	20.410	2909	2914	2915	rBV3	25082	37477	4.42%	0.600%
46	20.674	2956	2959	2963	rVB	30560	38963	4.59%	0.624%
47	20.739	2966	2970	2973	rVB	30613	42201	4.97%	0.675%
48	20.833	2984	2986	2990	rBV2	14301	24418	2.88%	0.391%
49	20.880	2991	2994	2999	rVV	48331	70062	8.26%	1.121%
50	20.927	2999	3002	3012	rVB2	35296	70561	8.31%	1.129%
51	21.597	3114	3116	3123	rVB3	44262	72575	8.55%	1.161%
52	22.008	3178	3186	3191	rBV3	176297	471324	55.54%	7.543%
53	22.061	3191	3195	3208	rVB	106908	209559	24.69%	3.354%
54	24.387	3584	3591	3601	rBV2	61994	220997	26.04%	3.537%
55	25.169	3718	3724	3735	rVB	64528	186103	21.93%	2.978%
56	25.333	3745	3752	3764	rVB	83055	248910	29.33%	3.983%
57	25.504	3773	3781	3789	rVB2	71220	205353	24.20%	3.286%

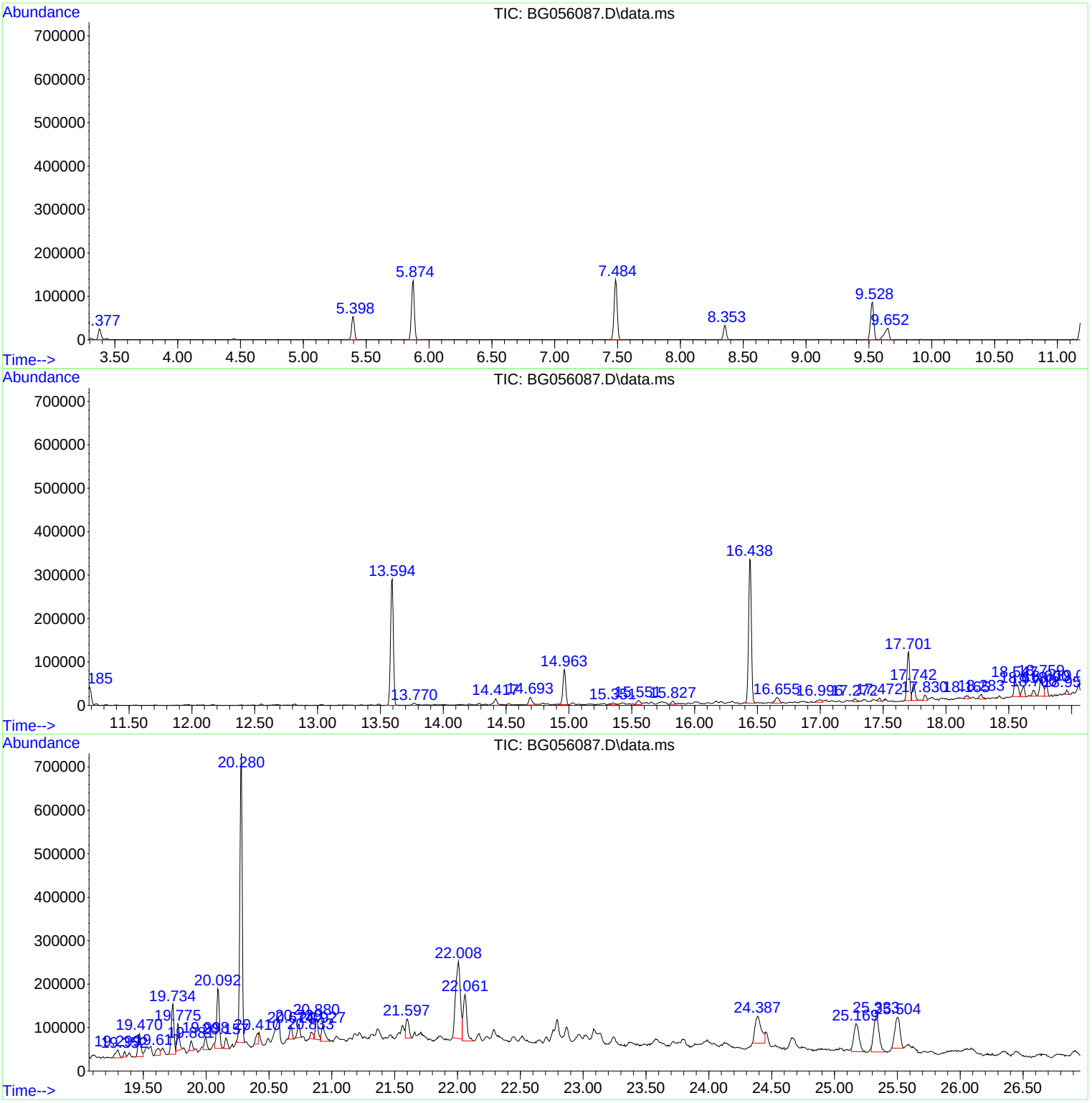
Sum of corrected areas: 6248645

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

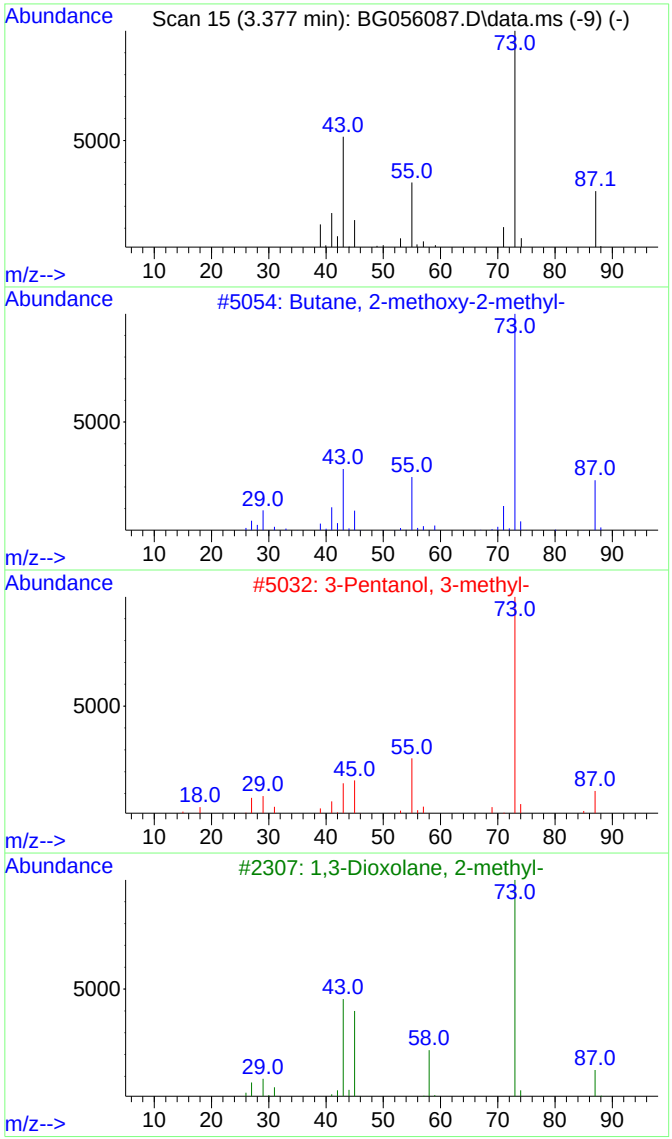
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

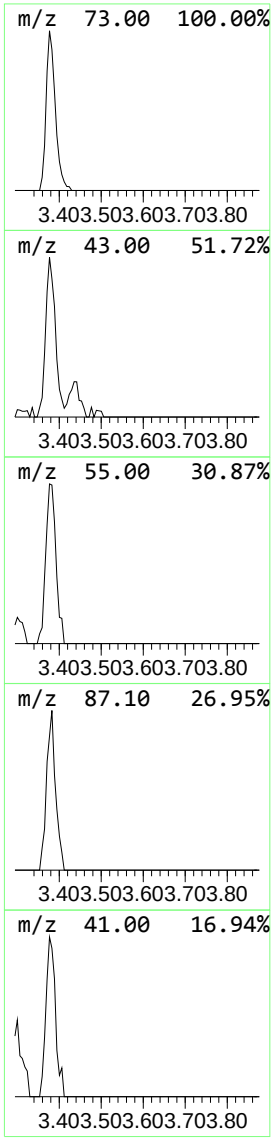
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.377	14.29 ng	38063	1,4-Dichlorobenzene-d4	8.353

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

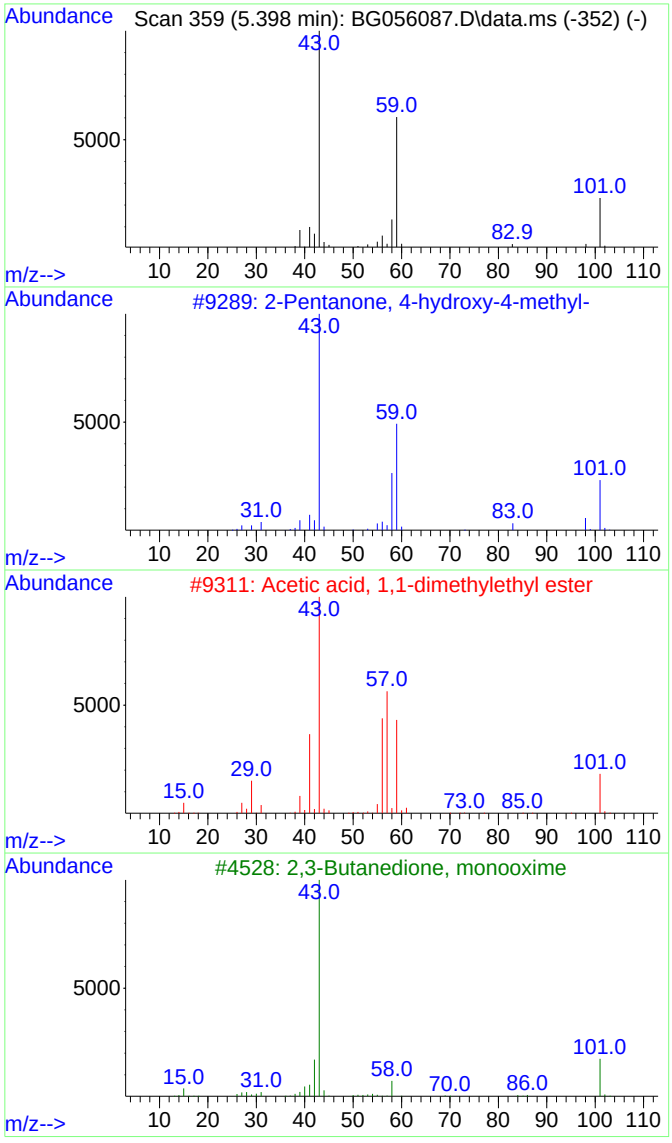
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

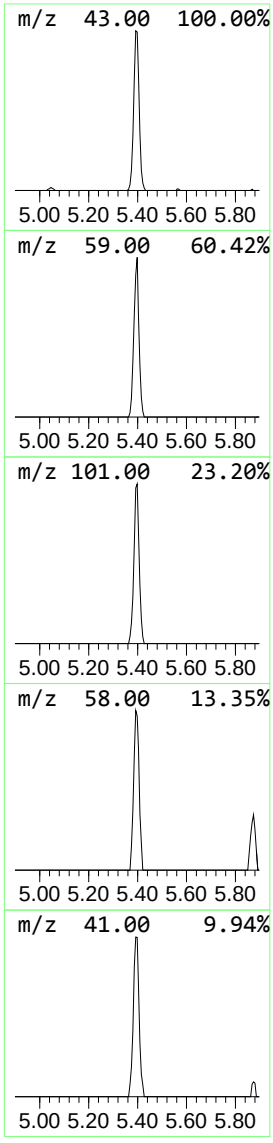
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.398	30.98 ng	82532	1,4-Dichlorobenzene-d4	8.353

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

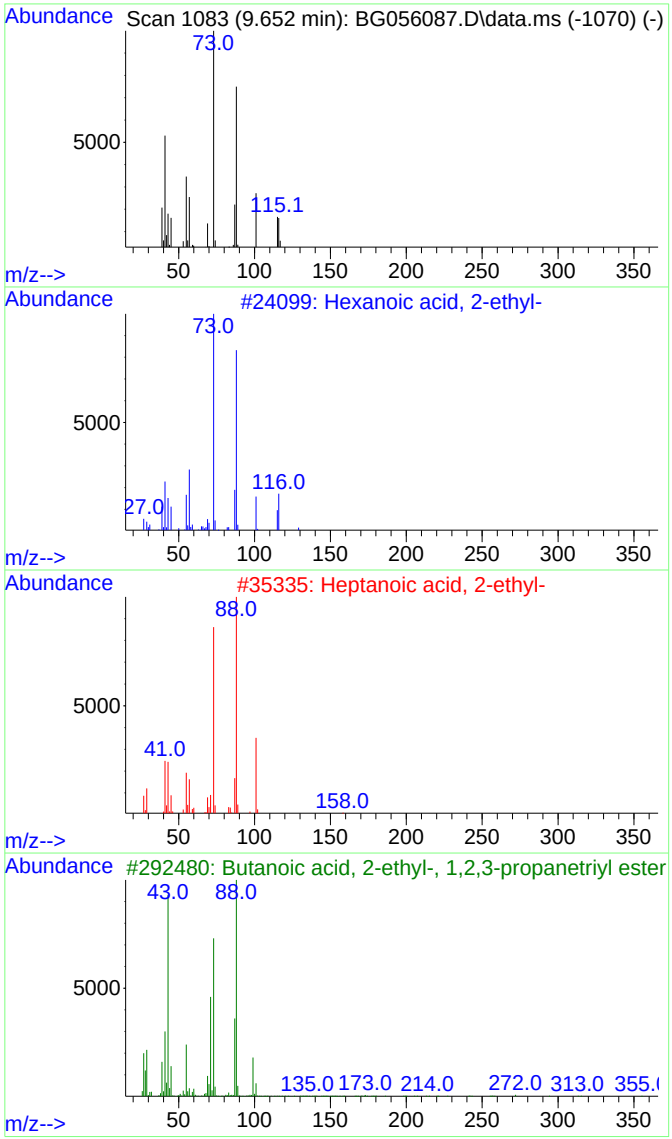
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

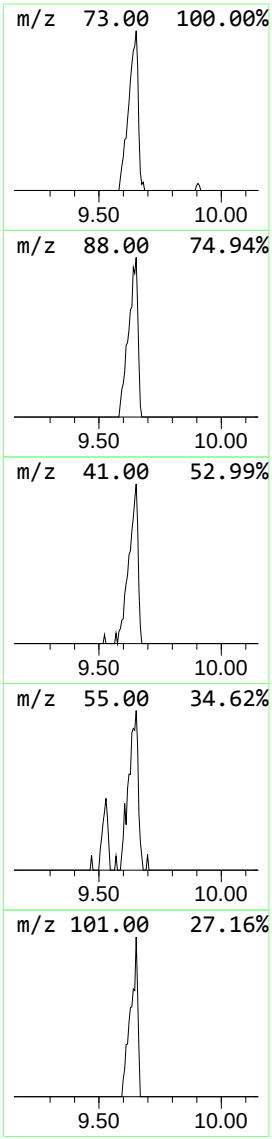
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.652	25.95 ng	69131	1,4-Dichlorobenzene-d4	8.353

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
4	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	38
5	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

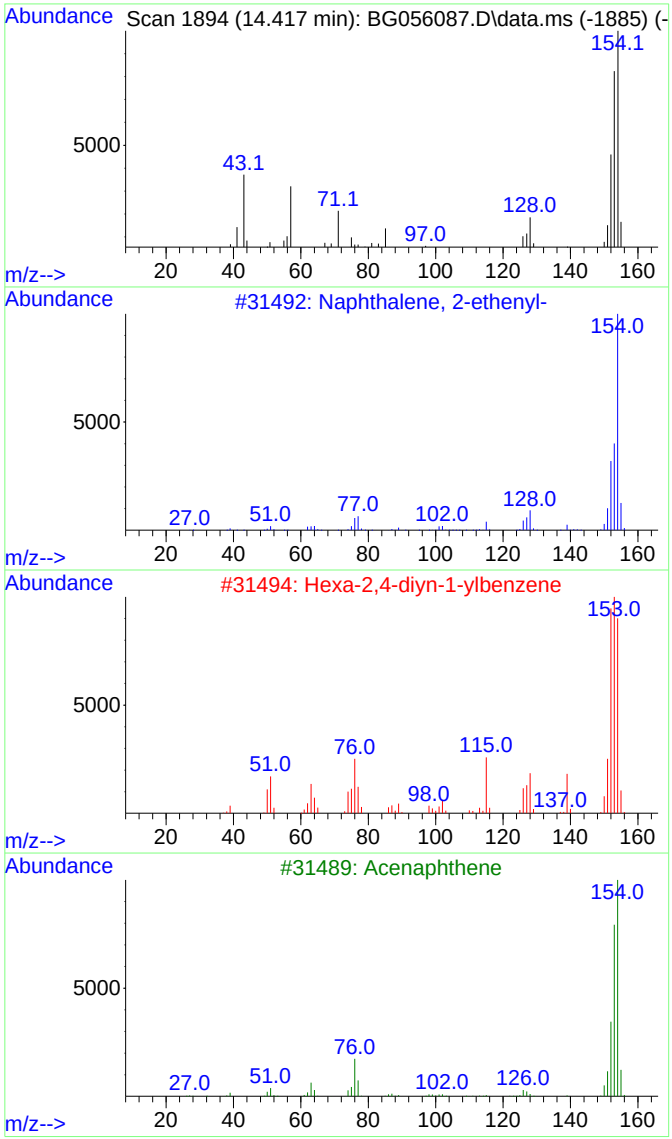
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

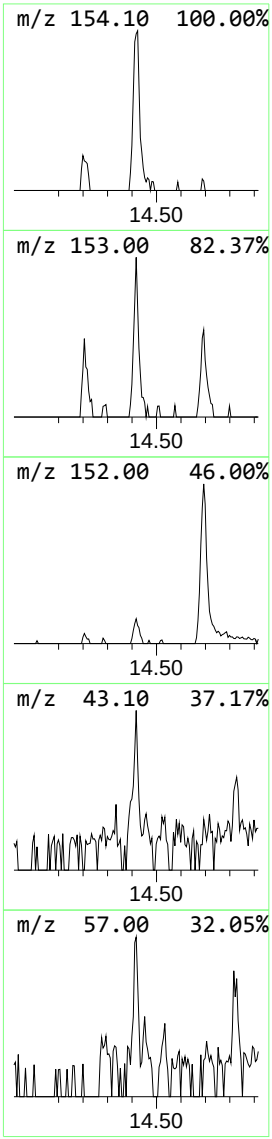
****

Peak Number 4 Naphthalene, 2-ethenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.417	4.45 ng	28005	Acenaphthene-d10	14.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	60
2	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53
3	Acenaphthene	154	C12H10	000083-32-9	53
4	3,4,5-Trihydroxybenzaldehyde	154	C7H6O4	013677-79-7	49
5	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

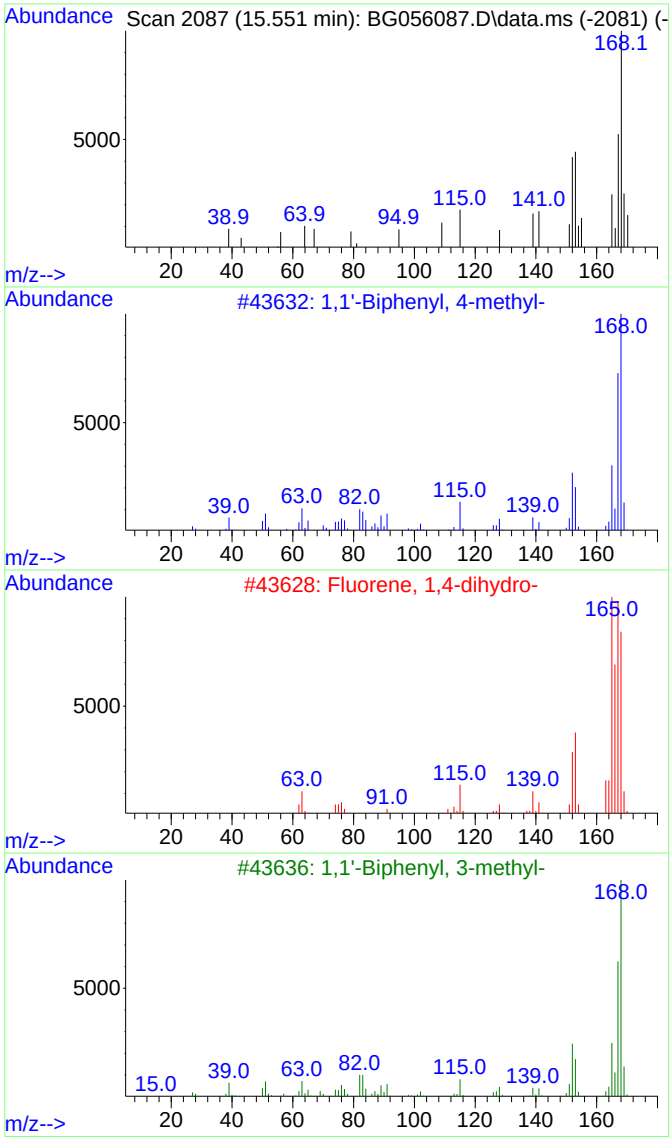
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

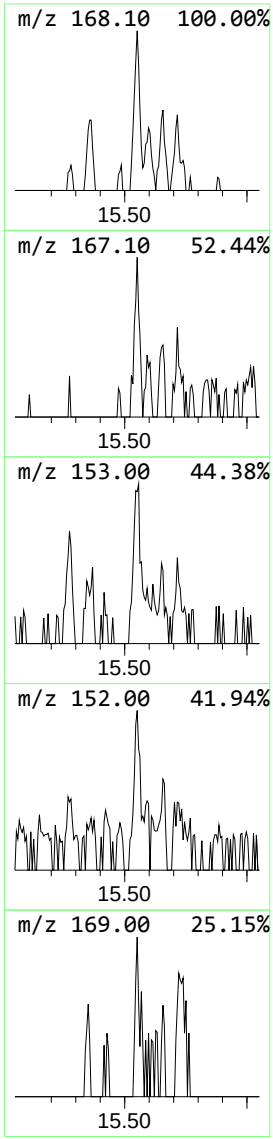
****

Peak Number 5 1,1'-Biphenyl, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	2.95 ng	18575	Acenaphthene-d10	14.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	62
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

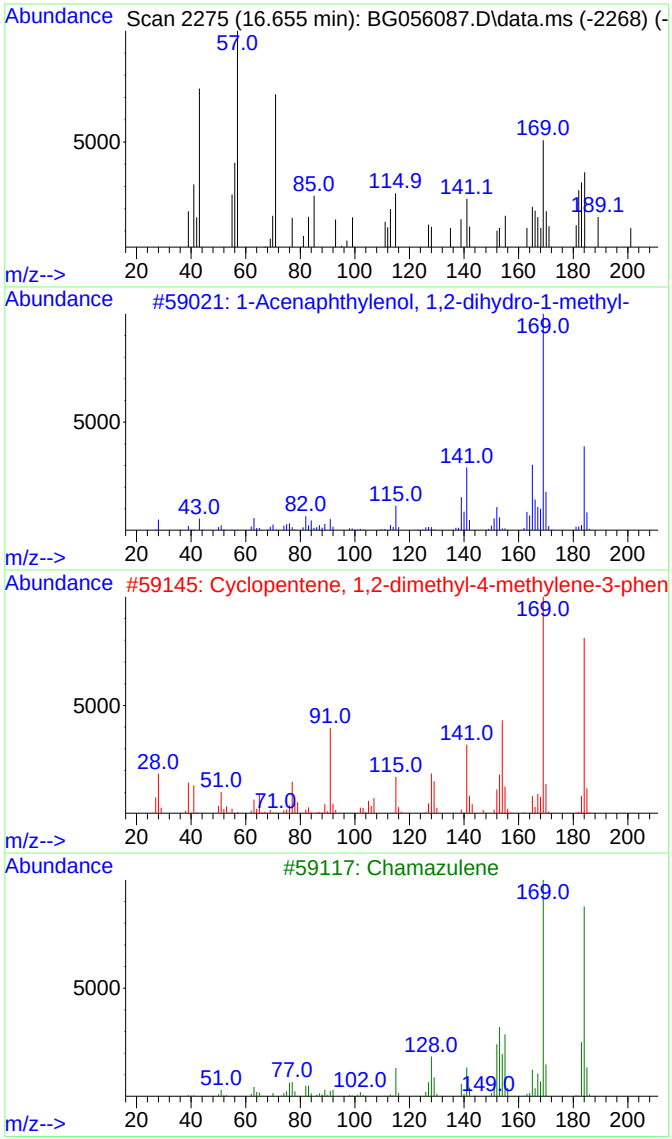
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

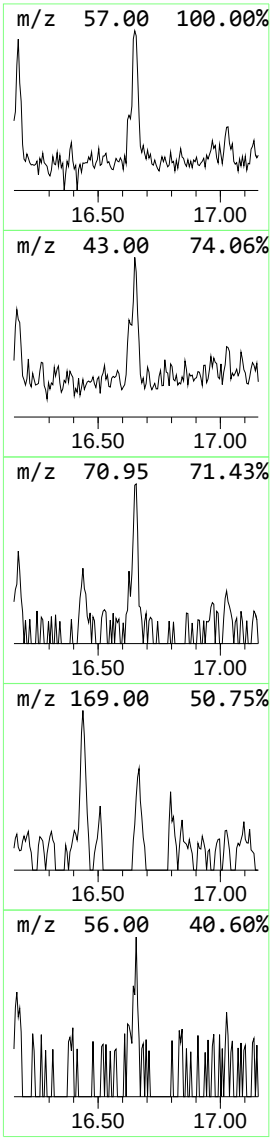
****

Peak Number 6 unknown16.655 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.655	3.47 ng	30150	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	46
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	30
3	Chamazulene	184	C14H16	000529-05-5	27
4	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	27
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

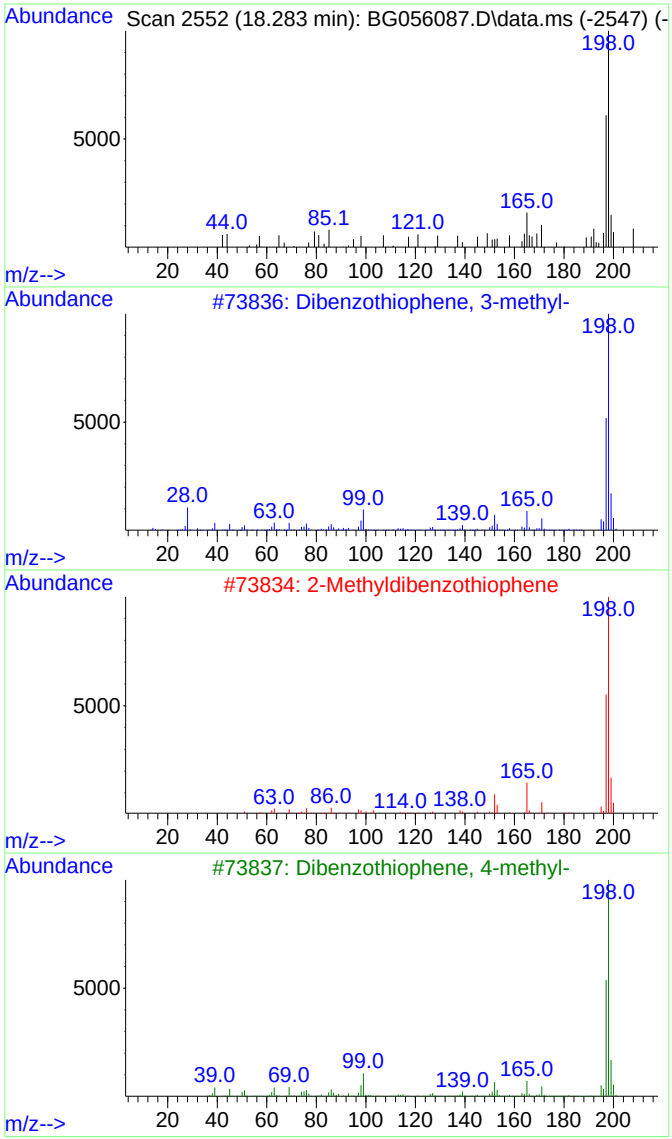
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

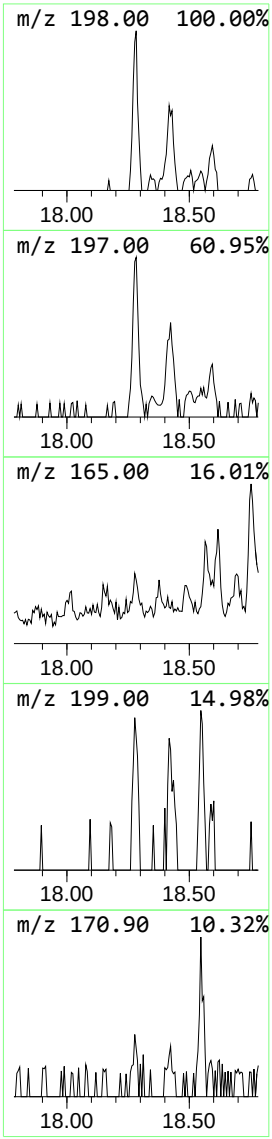
****

Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.283	2.15 ng	18686	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	78
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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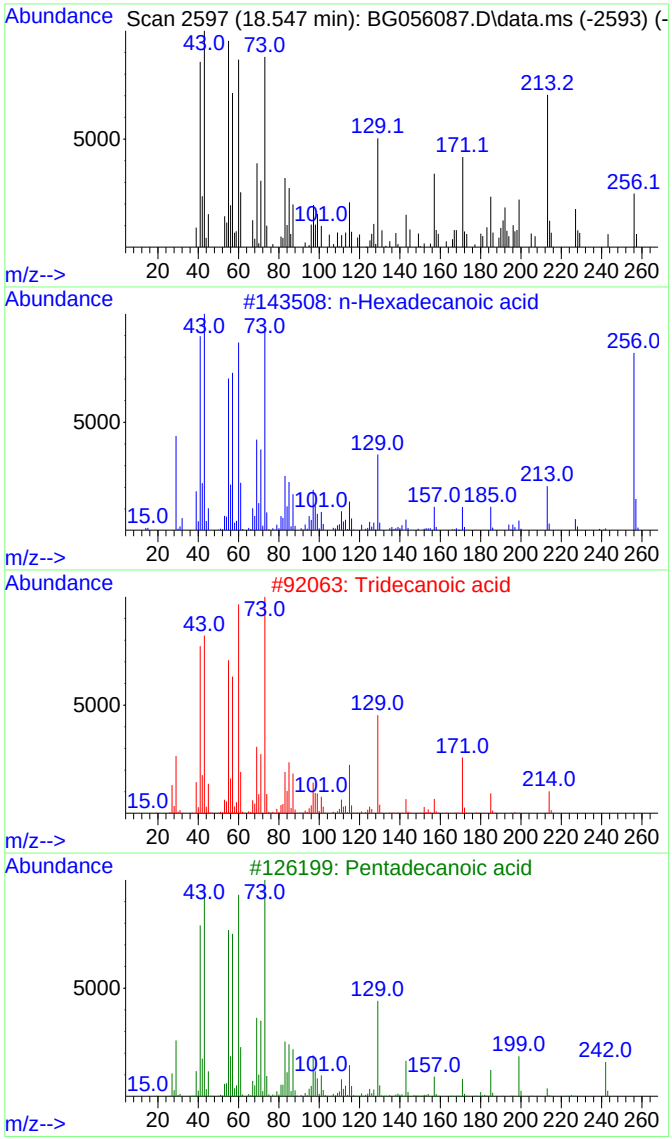
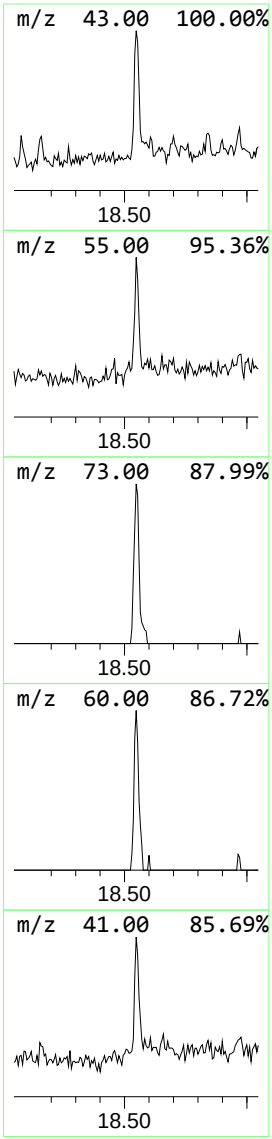
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	9.08 ng	78818	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Operator : CG/JU
Sample : N6088-02
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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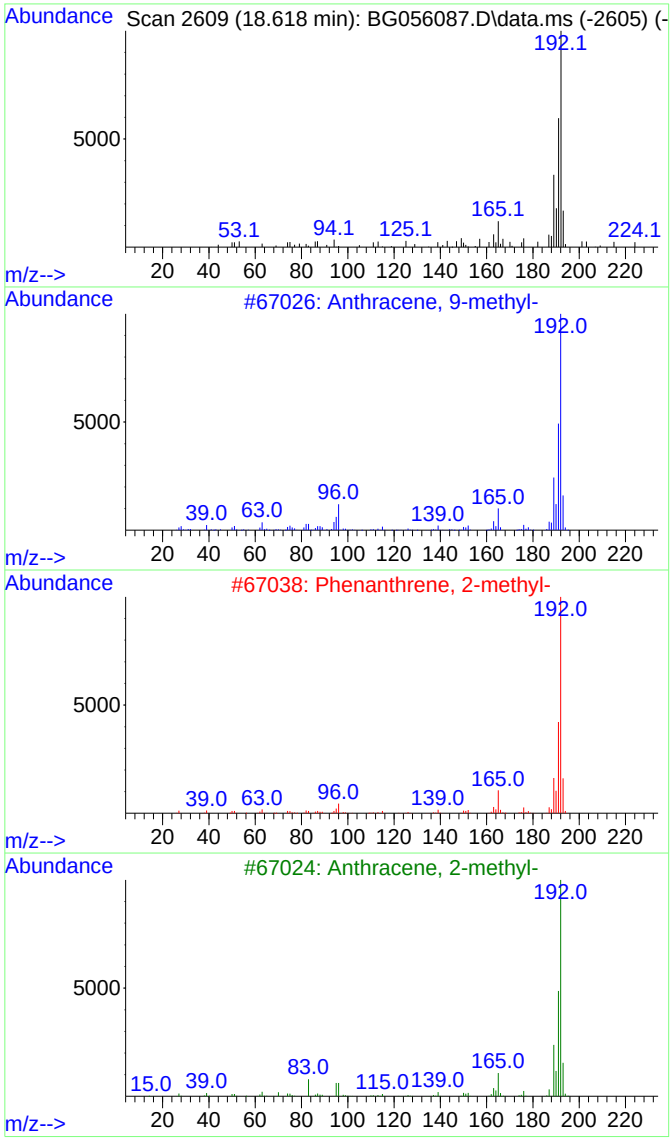
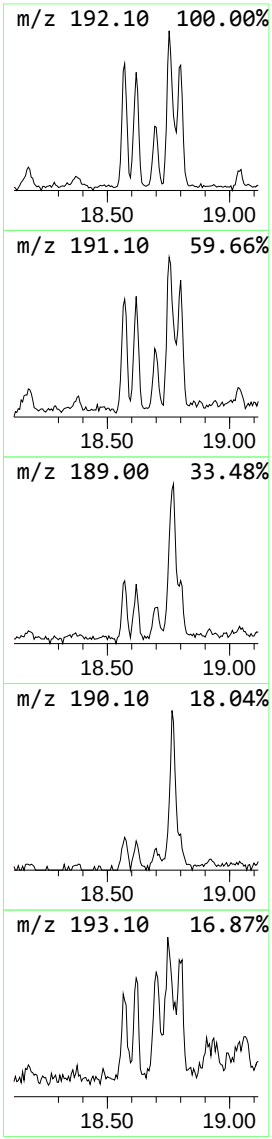
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.618	4.08 ng	35401	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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

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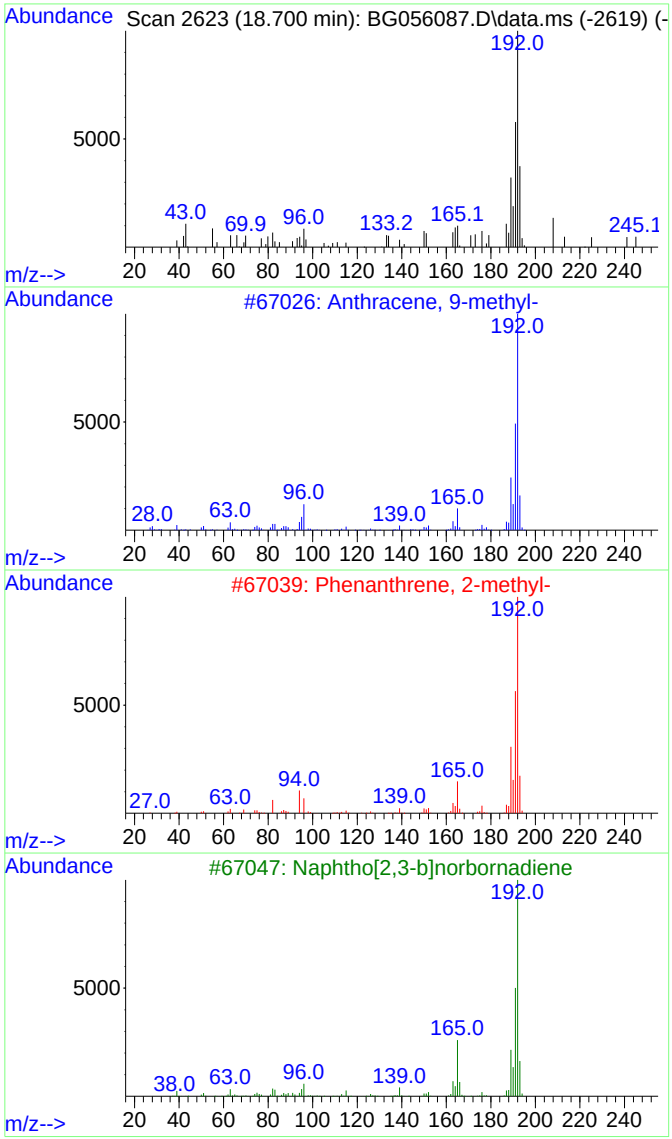
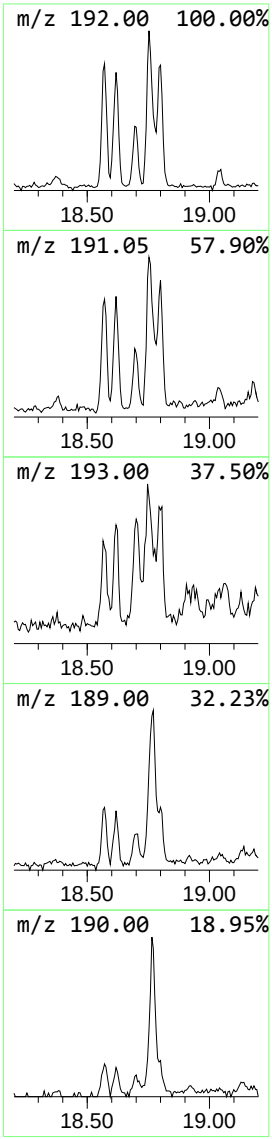
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.700	2.35 ng	20380	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	58
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	53





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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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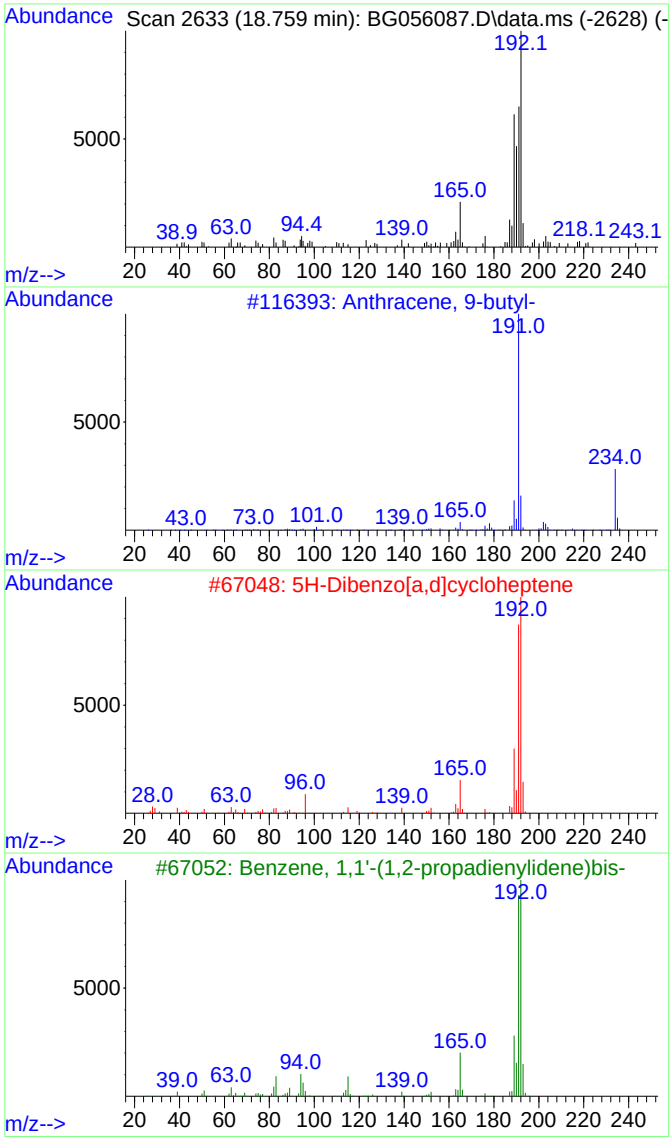
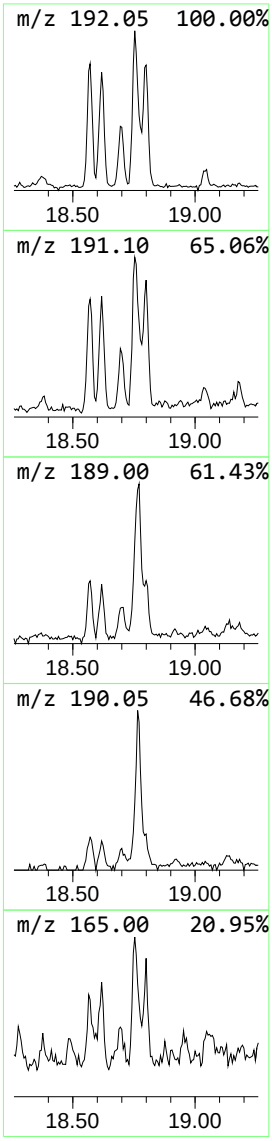
Peak Number 11 Anthracene, 9-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.759	9.31 ng	80816	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-	234	C18H18	001498-69-7	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	53
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	52
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
5	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	50





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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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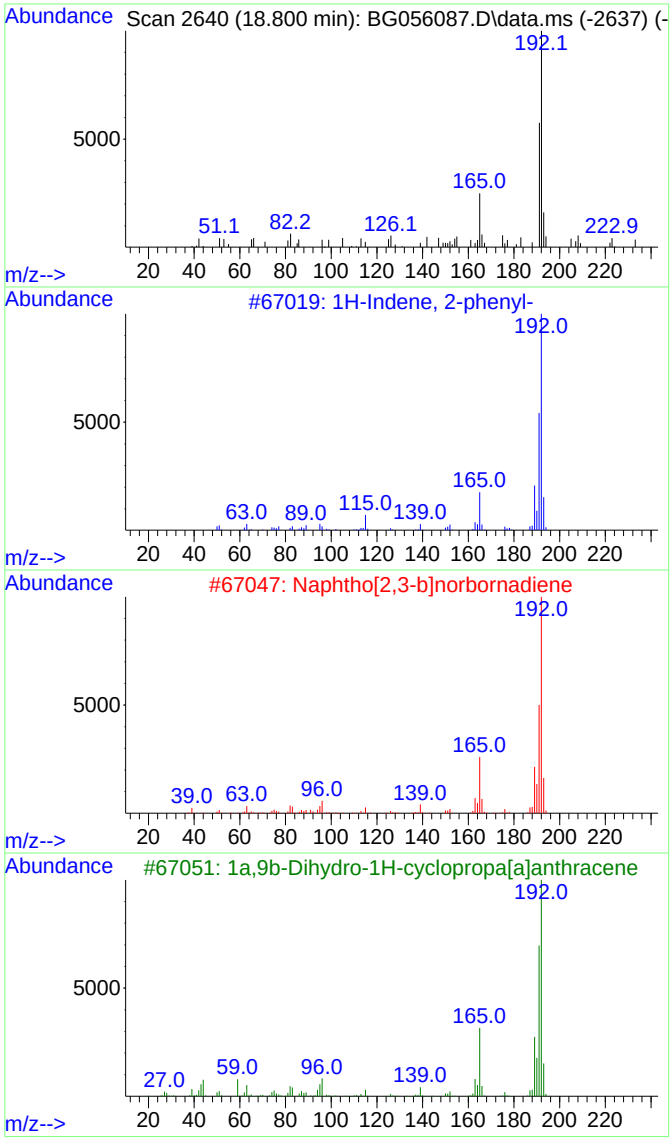
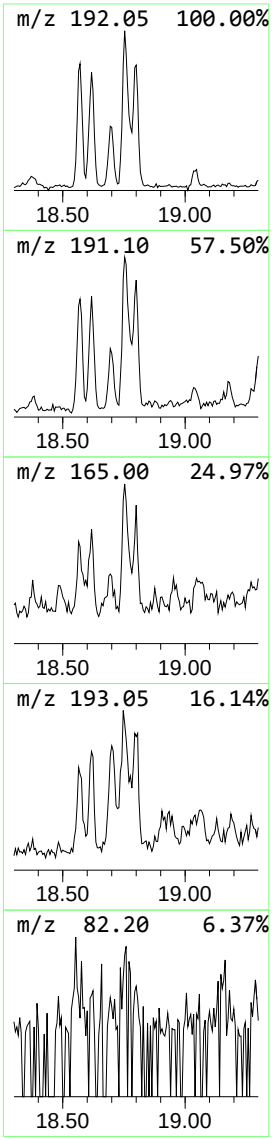
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	4.09 ng	35539	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





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

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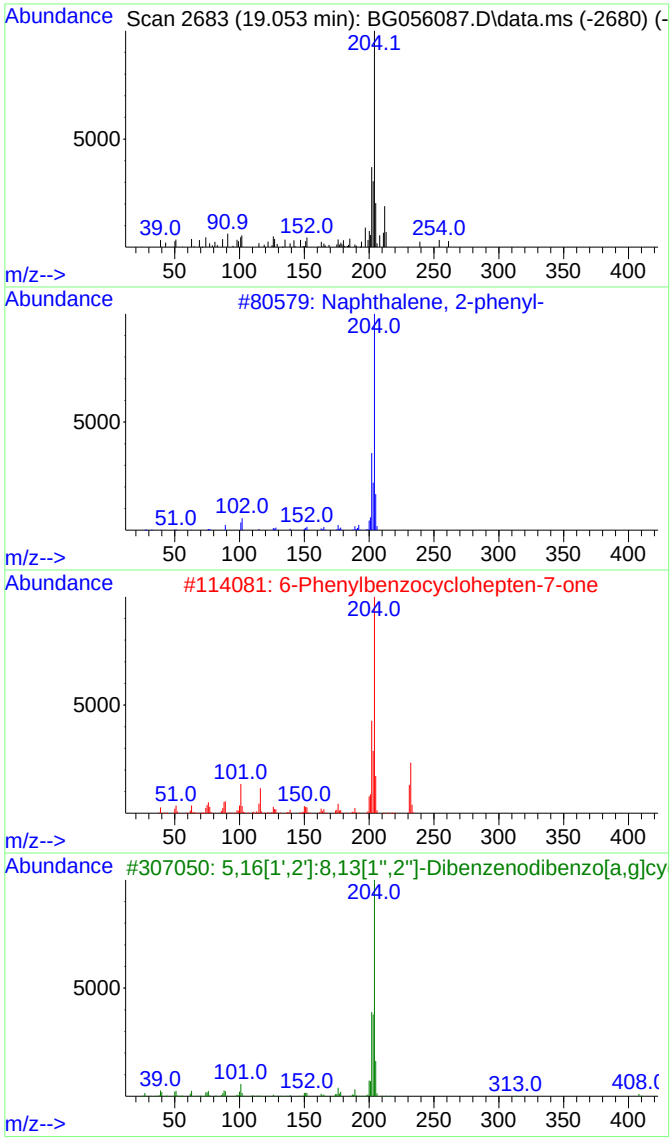
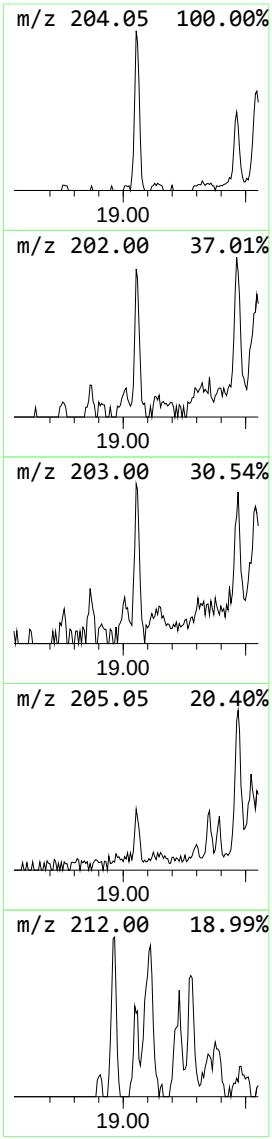
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.052	2.91 ng	25247	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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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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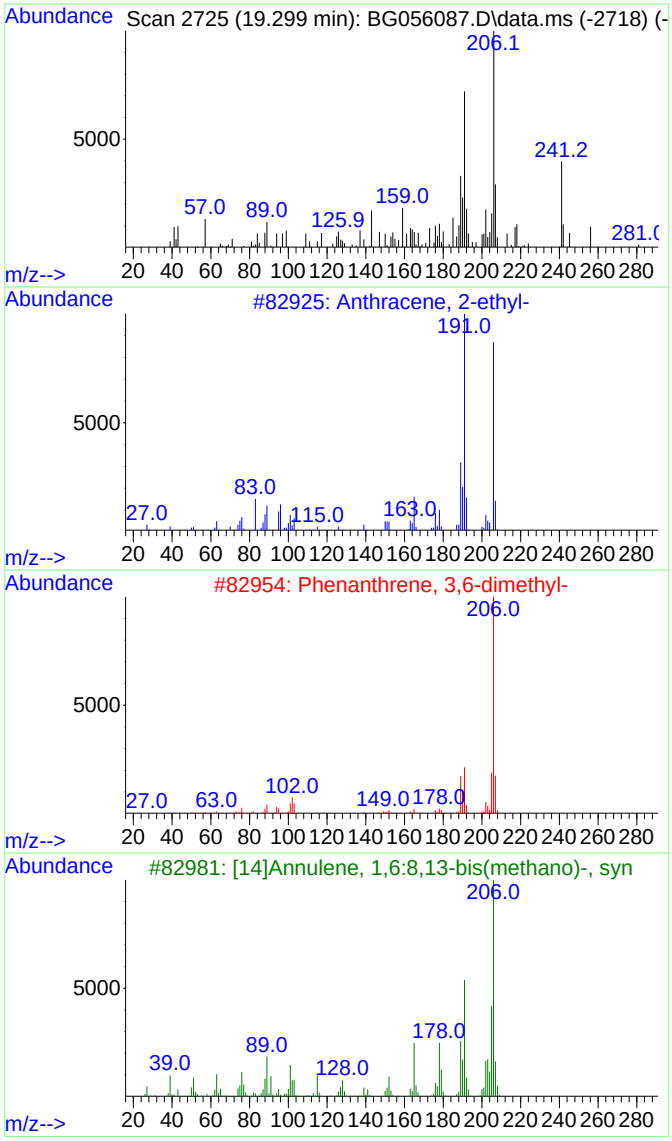
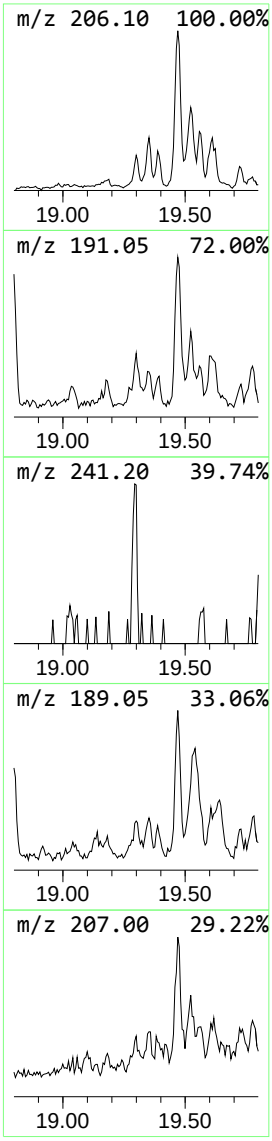
Peak Number 14 Anthracene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.299	4.45 ng	38608	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	58
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	58
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	49





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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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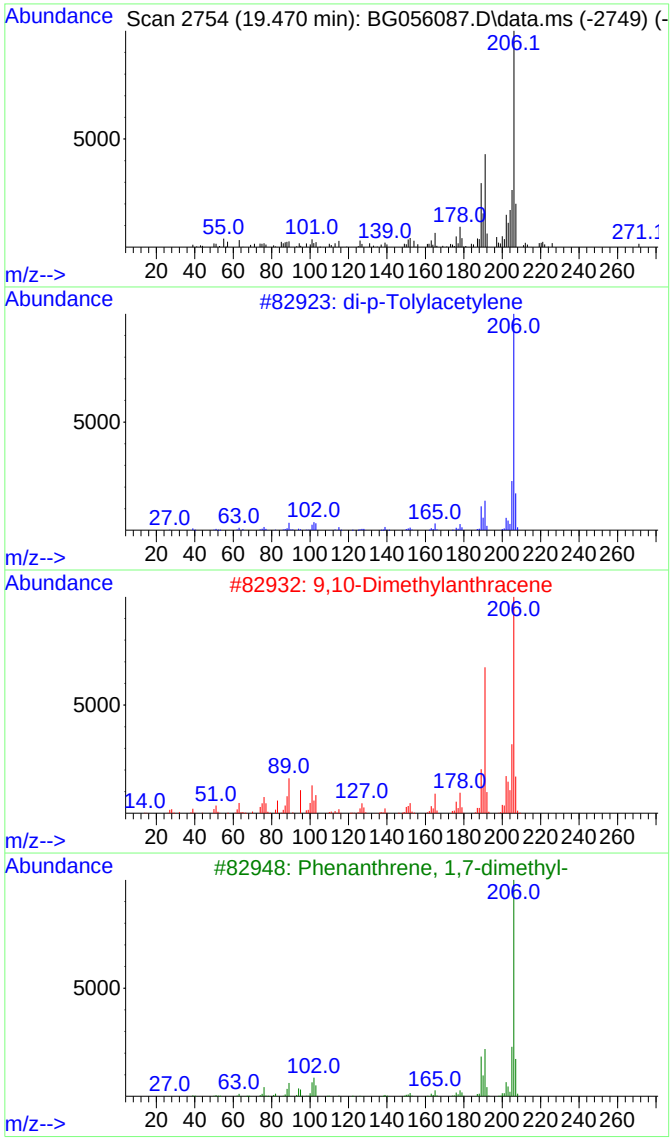
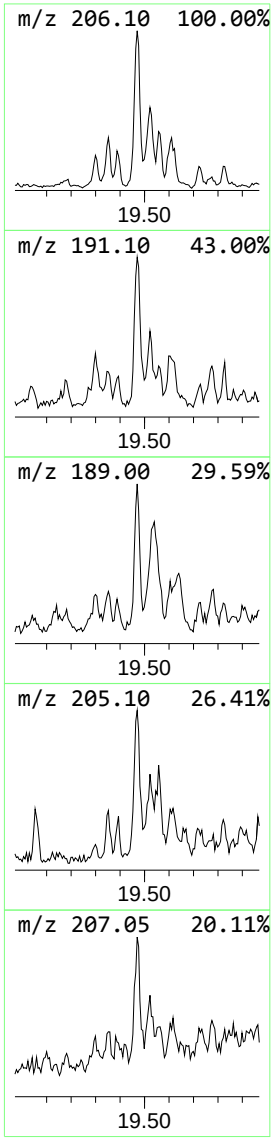
Peak Number 15 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.470	10.34 ng	89724	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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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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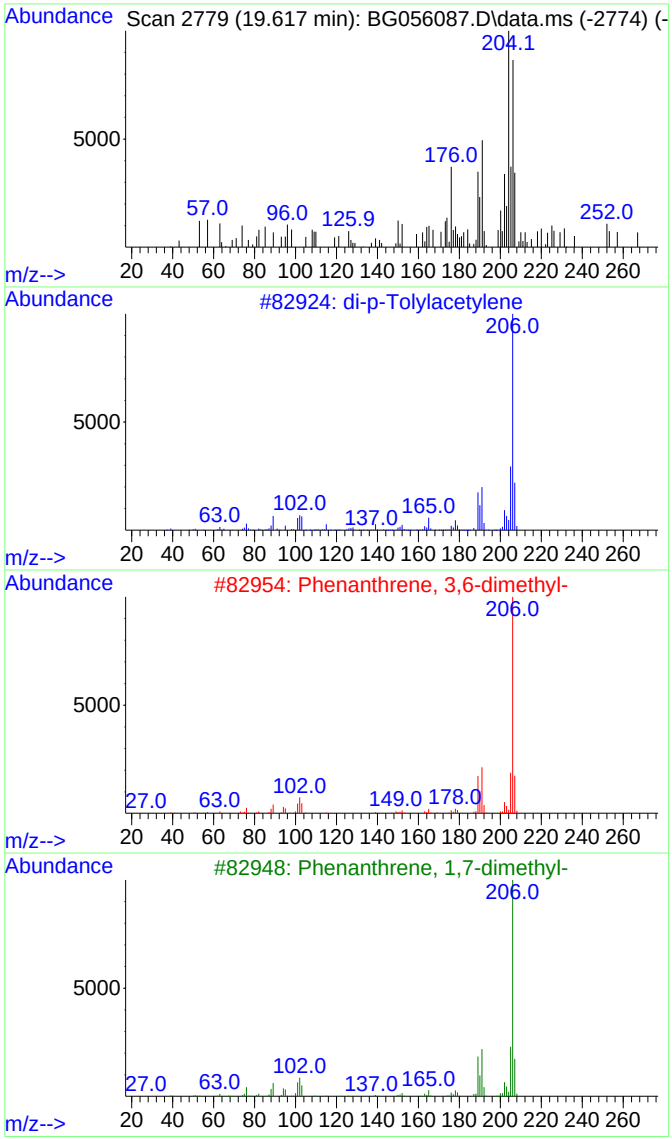
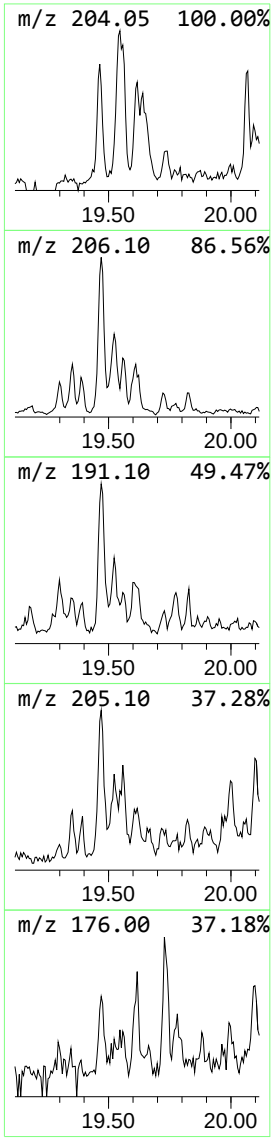
Peak Number 16 unknown19.617 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.617	4.09 ng	35508	Phenanthrene-d10	17.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	47
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	43





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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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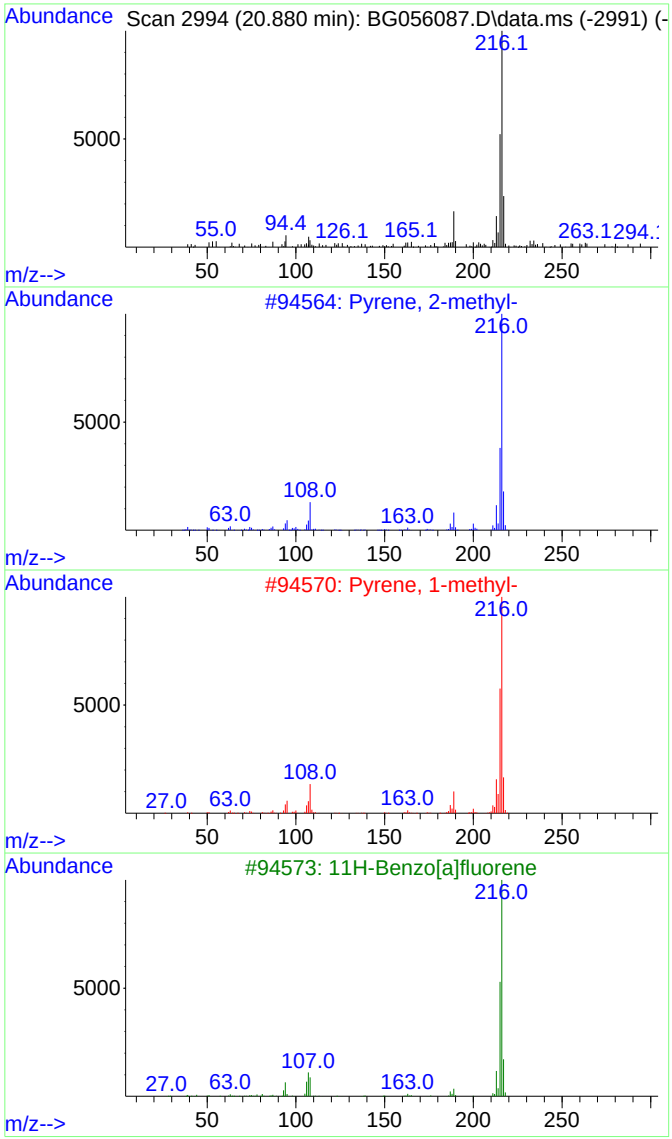
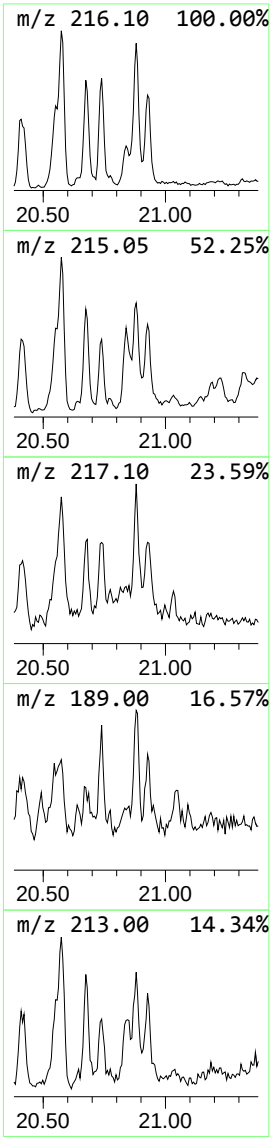
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.880	2.97 ng	70062	Chrysene-d12	22.008

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	72





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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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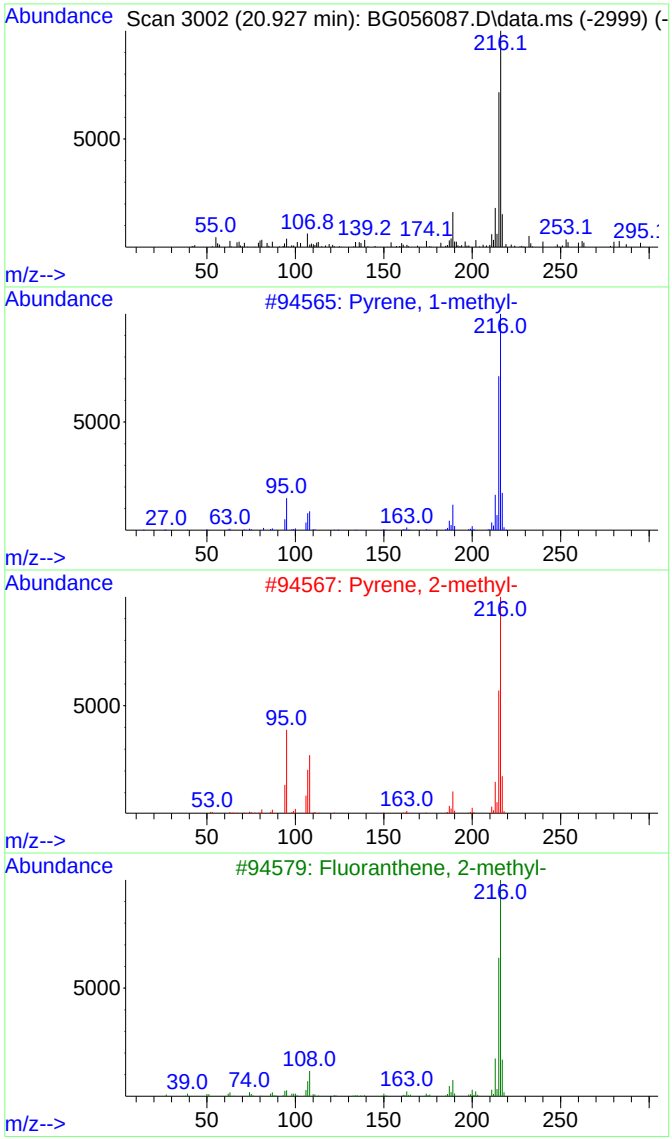
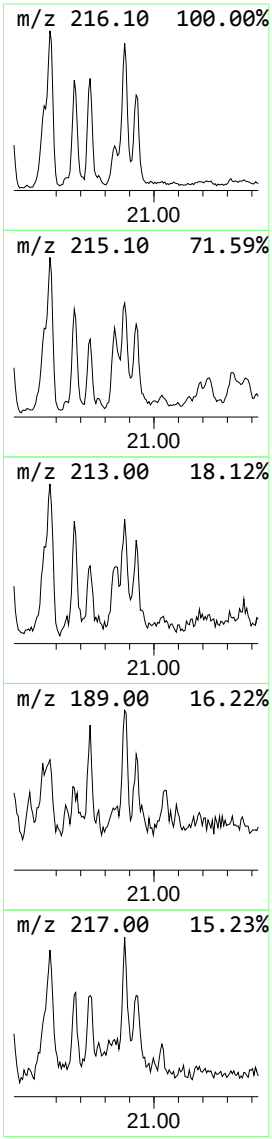
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	2.99 ng	70561	Chrysene-d12	22.008

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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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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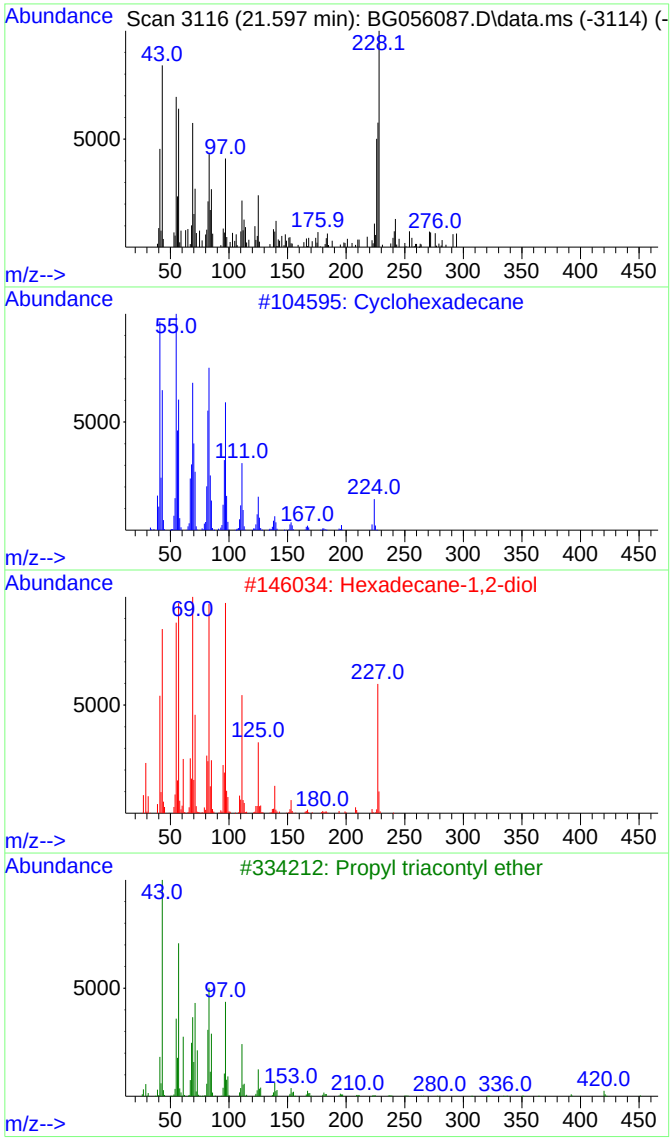
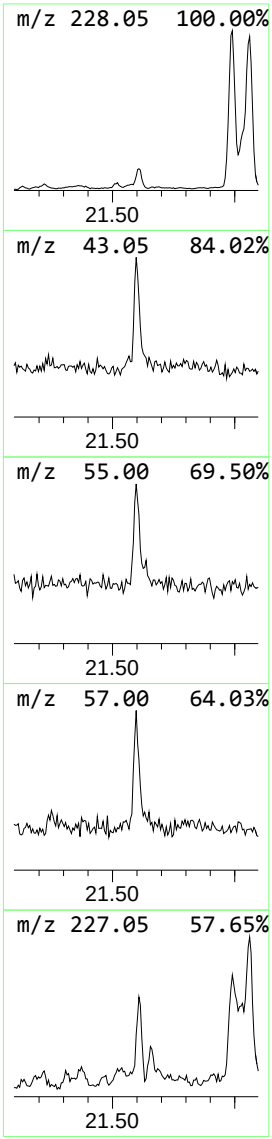
Peak Number 19 unknown21.597 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.597	3.08 ng	72575	Chrysene-d12	22.008

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	38
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	38
3	Propyl triacontyl ether	481	C33H68O	1000406-28-6	30
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	30
5	Butyl docosyl ether	382	C26H54O	1000406-40-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

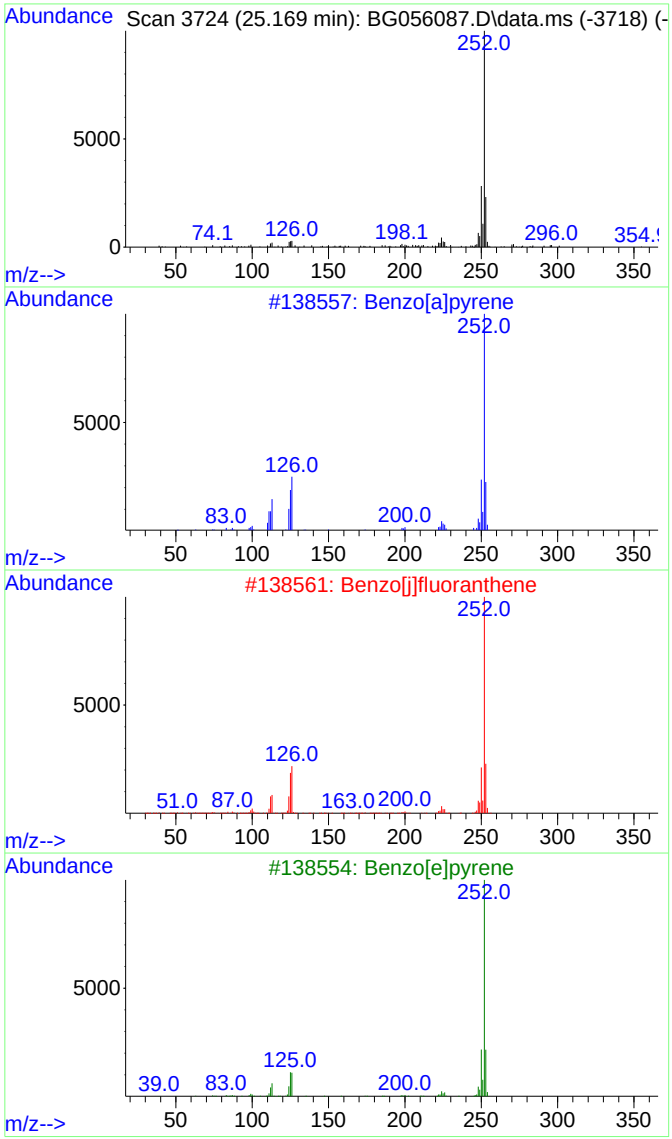
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

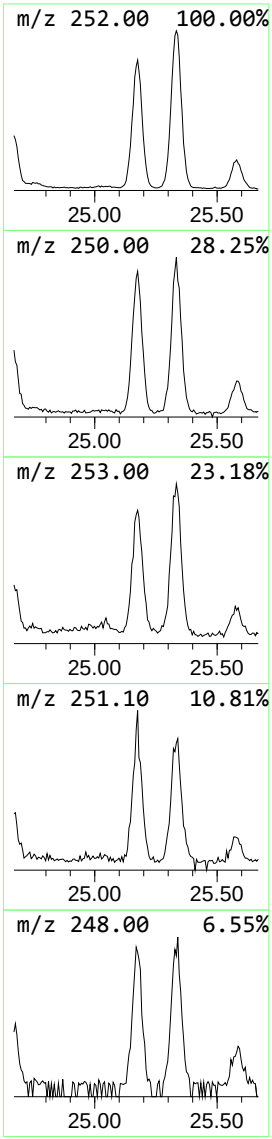
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.169	18.13 ng	186103	Perylene-d12	25.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056087.D
Acq On : 23 Dec 2022 20:36
Operator : CG/JU
Sample : N6088-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-27-5B02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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...	3.377	14.3	ng	38063	1	8.353	53275	20.0
2-Pentanone, 4-...	5.398	31.0	ng	82532	1	8.353	53275	20.0
Hexanoic acid, ...	9.652	25.9	ng	69131	1	8.353	53275	20.0
Naphthalene, 2-...	14.417	4.5	ng	28005	3	14.963	125787	20.0
1,1'-Biphenyl, ...	15.551	3.0	ng	18575	3	14.963	125787	20.0
unknown16.655	16.655	3.5	ng	30150	4	17.701	173616	20.0
Dibenzothiophen...	18.283	2.1	ng	18686	4	17.701	173616	20.0
n-Hexadecanoic ...	18.547	9.1	ng	78818	4	17.701	173616	20.0
Anthracene, 9-m...	18.618	4.1	ng	35401	4	17.701	173616	20.0
Phenanthrene, 2...	18.700	2.4	ng	20380	4	17.701	173616	20.0
Anthracene, 9-b...	18.759	9.3	ng	80816	4	17.701	173616	20.0
1H-Indene, 2-ph...	18.800	4.1	ng	35539	4	17.701	173616	20.0
Naphthalene, 2-...	19.052	2.9	ng	25247	4	17.701	173616	20.0
Anthracene, 2-e...	19.299	4.5	ng	38608	4	17.701	173616	20.0
di-p-Tolylacety...	19.470	10.3	ng	89724	4	17.701	173616	20.0
unknown19.617	19.617	4.1	ng	35508	4	17.701	173616	20.0
Pyrene, 2-methyl-	20.880	3.0	ng	70062	5	22.008	471324	20.0
Pyrene, 1-methyl-	20.927	3.0	ng	70561	5	22.008	471324	20.0
unknown21.597	21.597	3.1	ng	72575	5	22.008	471324	20.0
Benzo[j]fluoran...	25.169	18.1	ng	186103	6	25.498	205353	20.0