LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.090	9	17	26	rBV5	8166	22445	1.76%	0.168%
2	3.172	26	31	40	rVB2	11554	23445	1.83%	0.176%
3	3.683	113	118	125	rBV	12080	18310	1.43%	0.137%
4	5.534	426	433	442	rBV2	204835	334661	26.17%	2.511%
5	7.114	694	702	711	rBV	240759	408977	31.98%	3.068%
6	7.943	837	843	850	rVB	113359	185664	14.52%	1.393%
7	9.094	1029	1039	1048	rVB	150764	266831	20.87%	2.002%
8	10.739	1310	1319	1324	rBV2	132005	249565	19.52%	1.872%
9	10.786	1324	1327	1337	rVB	66055	103844	8.12%	0.779%
10	12.396	1595	1601	1608	rVB	38026	61565	4.81%	0.462%
11	12.608	1631	1637	1643	rBV	27924	49832	3.90%	0.374%
12	13.125	1719	1725	1729	rVB3	8519	13654	1.07%	0.102%
13	13.195	1729	1737	1743	rBV	383808	576781	45.10%	4.327%
14	13.407	1762	1773	1778	rBV2	23573	40187	3.14%	0.301%
15	13.736	1824	1829	1831	rBV4	14736	23902	1.87%	0.179%
16	13.895	1851	1856	1860	rBV3	21462	38217	2.99%	0.287%
17	13.947	1860	1865	1870	rVB7	15866	26505	2.07%	0.199%
18	14.294	1918	1924	1929	rBV2	16836	29696	2.32%	0.223%
19	14.482	1952	1956	1961	rVB	26329	33300	2.60%	0.250%
20	14.570	1961	1971	1977	rBV	222548	361048	28.23%	2.708%
21	14.635	1977	1982	1988	rVB	54686	84887	6.64%	0.637%
22	14.793	2001	2009	2016	rVB	110123	253144	19.80%	1.899%
23	14.970	2033	2039	2047	rVB	53974	91517	7.16%	0.687%
24	15.052	2047	2053	2057	rBV3	12425	18270	1.43%	0.137%
25	15.099	2057	2061	2069	rVB9	8910	19320	1.51%	0.145%
26	15.193	2069	2077	2082	rBV8	14393	32026	2.50%	0.240%
27	15.434	2114	2118	2124	rVB2	25079	33019	2.58%	0.248%
28	15.616	2144	2149	2154	rBV	102063	147923	11.57%	1.110%
29	15.781	2174	2177	2182	rVB5	13139	17946	1.40%	0.135%
30	15.839	2182	2187	2191	rBV4	18348	34069	2.66%	0.256%
31	15.916	2195	2200	2209	rVB2	25860	53642	4.19%	0.402%
32	15.992	2209	2213	2217	rBV7	8497	14872	1.16%	0.112%
33	16.057	2218	2224	2232	rBV2	360048	579685	45.33%	4.349%
34	16.298	2260	2265	2268	rBV3	40543	64990	5.08%	0.488%
35	16.627	2314	2321	2326	rBV5	25050	47043	3.68%	0.353%
36	16.674	2326	2329	2334	rVV6	13320	19246	1.51%	0.144%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.773	2343	2346	2351	rVB4	14873	21845	1.71%	0.164%
38	16.862	2356	2361	2363	rBV6	11518	20161	1.58%	0.151%
39	17.044	2390	2392	2396	rBV5	11335	17928	1.40%	0.134%
40	17.091	2397	2400	2404	rVV	28356	39339	3.08%	0.295%
41	17.138	2404	2408	2418	rVB3	50152	94986	7.43%	0.713%
42	17.320	2434	2439	2442	rBV	254228	391094	30.58%	2.934%
43	17.361	2442	2446	2452	rVB	536348	789021	61.70%	5.919%
44	17.449	2457	2461	2466	rVV	147303	218900	17.12%	1.642%
45	17.514	2466	2472	2478	rVV5	22242	49556	3.88%	0.372%
46	17.719	2503	2507	2510	rBV	30007	43442	3.40%	0.326%
47	17.831	2523	2526	2531	rVB2	34667	45936	3.59%	0.345%
48	18.001	2551	2555	2559	rVB	52452	62129	4.86%	0.466%
49	18.201	2584	2589	2590	rBV2	75460	106071	8.29%	0.796%
50	18.242	2594	2596	2604	rVB	111175	157618	12.33%	1.182%
51	18.325	2606	2610	2614	rBV	45956	67682	5.29%	0.508%
52	18.389	2616	2621	2625	rBV3	145242	247141	19.33%	1.854%
53	18.524	2641	2644	2648	rBV3	23742	31566	2.47%	0.237%
54	18.695	2670	2673	2677	rBV	53766	70218	5.49%	0.527%
55	19.118	2741	2745	2746	rBV2	45003	64903	5.08%	0.487%
56	19.141	2746	2749	2751	rVV2	115439	148604	11.62%	1.115%
57	19.171	2751	2754	2759	rVB5	123092	171511	13.41%	1.287%
58	19.376	2783	2789	2796	rBV	867370	1226689	95.93%	9.202%
59	19.735	2841	2850	2859	rBV	706991	1278789	100.00%	9.593%
60	19.940	2881	2885	2889	rVB	648848	782139	61.16%	5.867%
61	20.234	2931	2935	2938	rVB	160171	203486	15.91%	1.527%
62	20.328	2947	2951	2955	rBV	163849	228443	17.86%	1.714%
63	21.568	3156	3162	3168	rBV2	461236	1088432	85.11%	8.165%
64	21.627	3168	3172	3181	rVB	331945	575054	44.97%	4.314%
65	23.730	3525	3530	3538	rBV3	133406	402487	31.47%	3.019%
66	24.564	3667	3672	3680	rVB	132136	304997	23.85%	2.288%

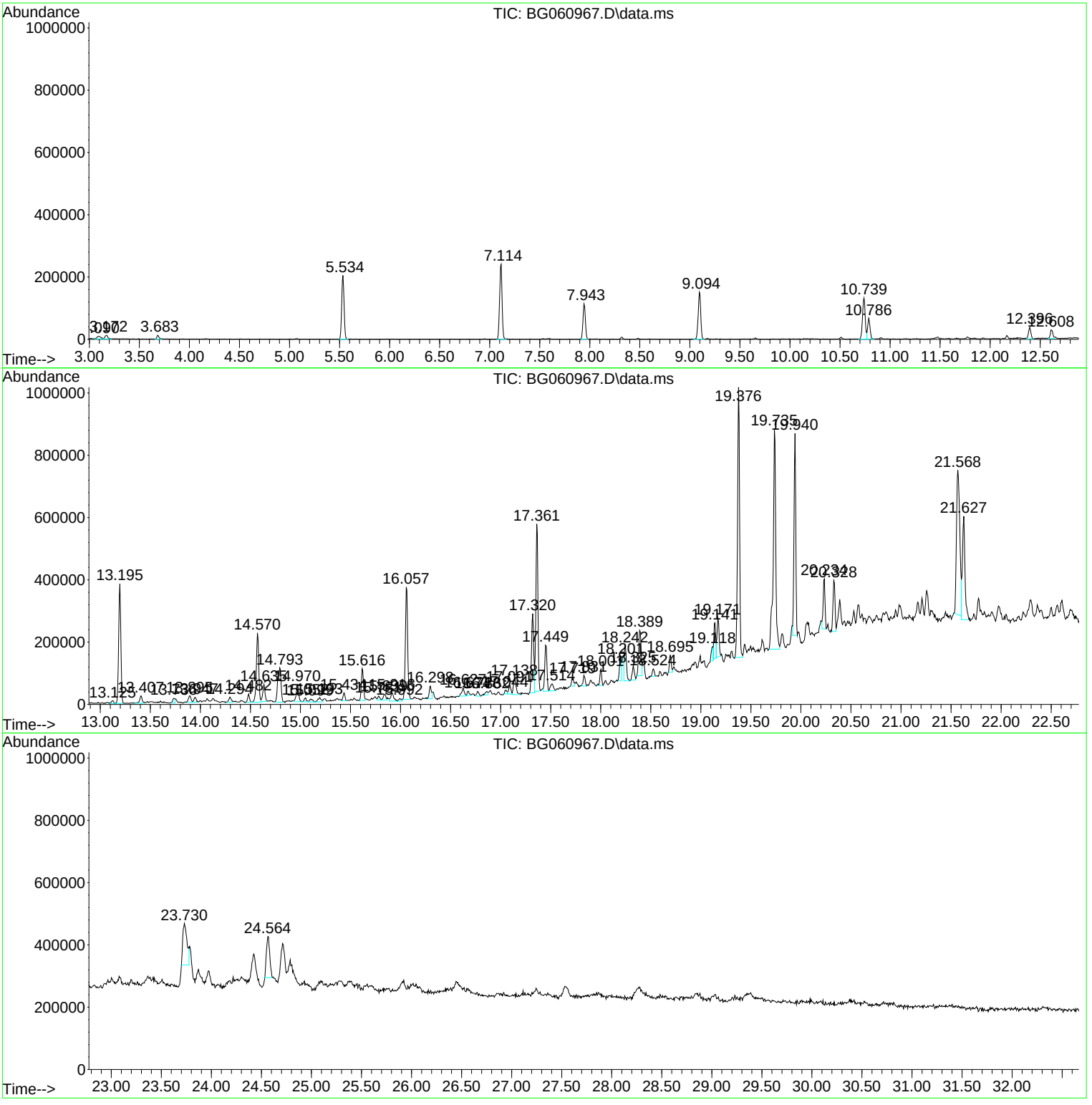
Sum of corrected areas: 13330195

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

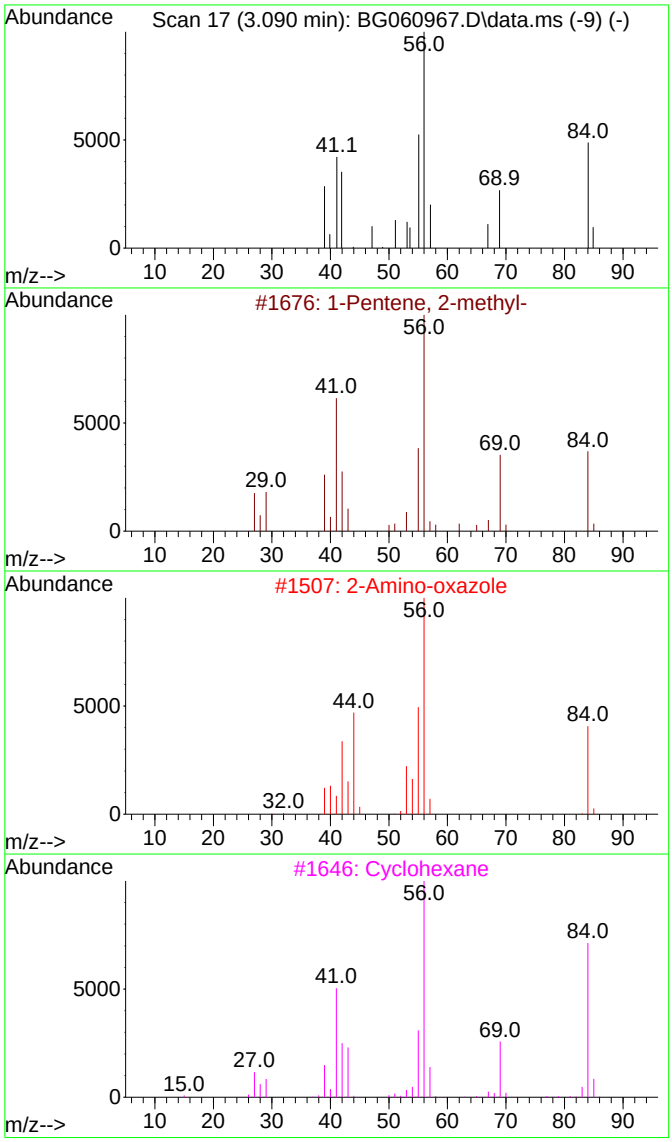
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

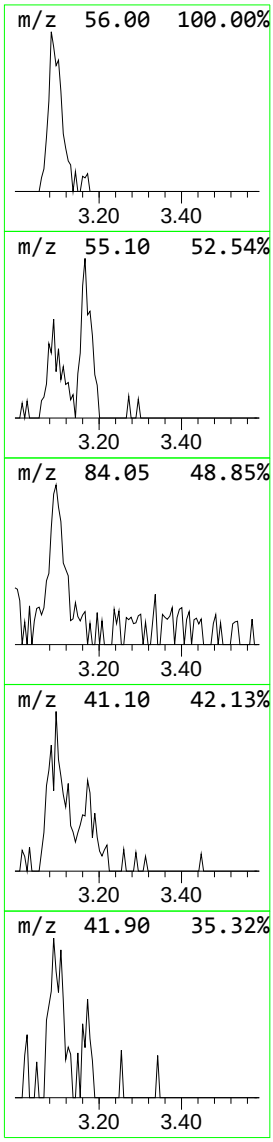
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.090	2.42 ng	22445	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	2-Amino-oxazole	84	C3H4N2O	004570-45-0	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	45
5	n-Hexyl acrylate	156	C9H16O2	002499-95-8	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

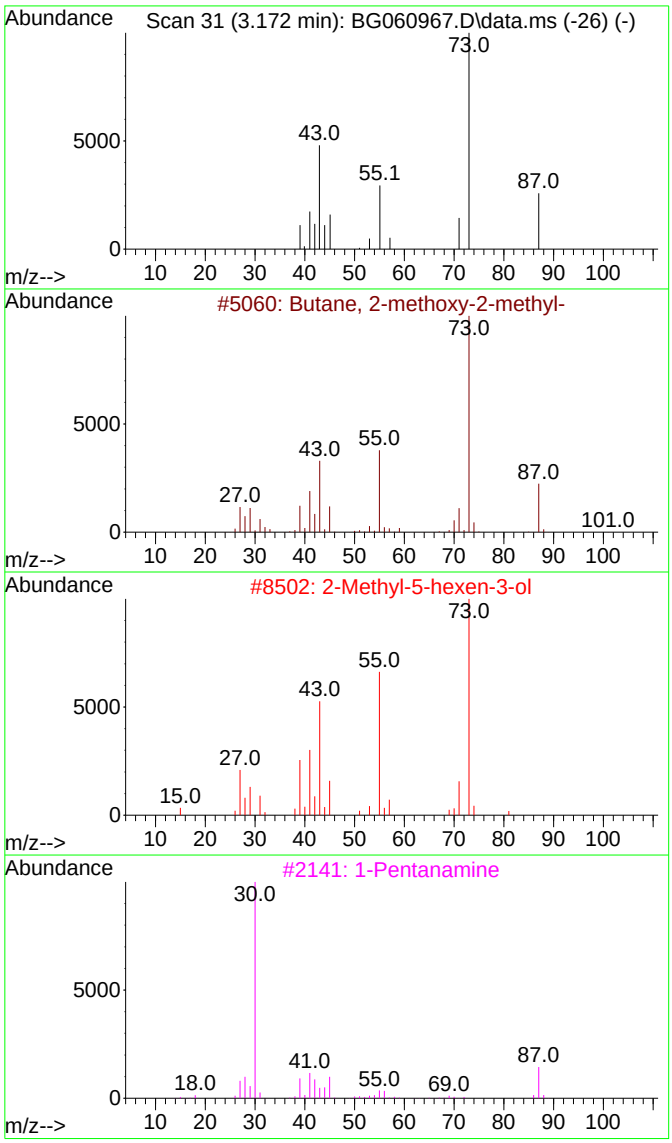
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

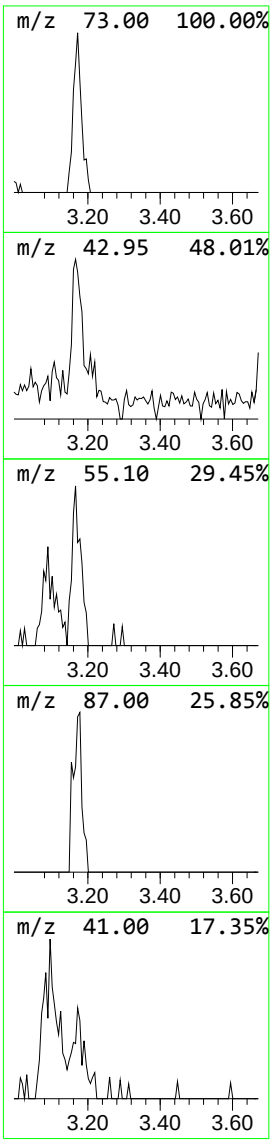
****

Peak Number 2 unknown3.172 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.172	2.53 ng	23445	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

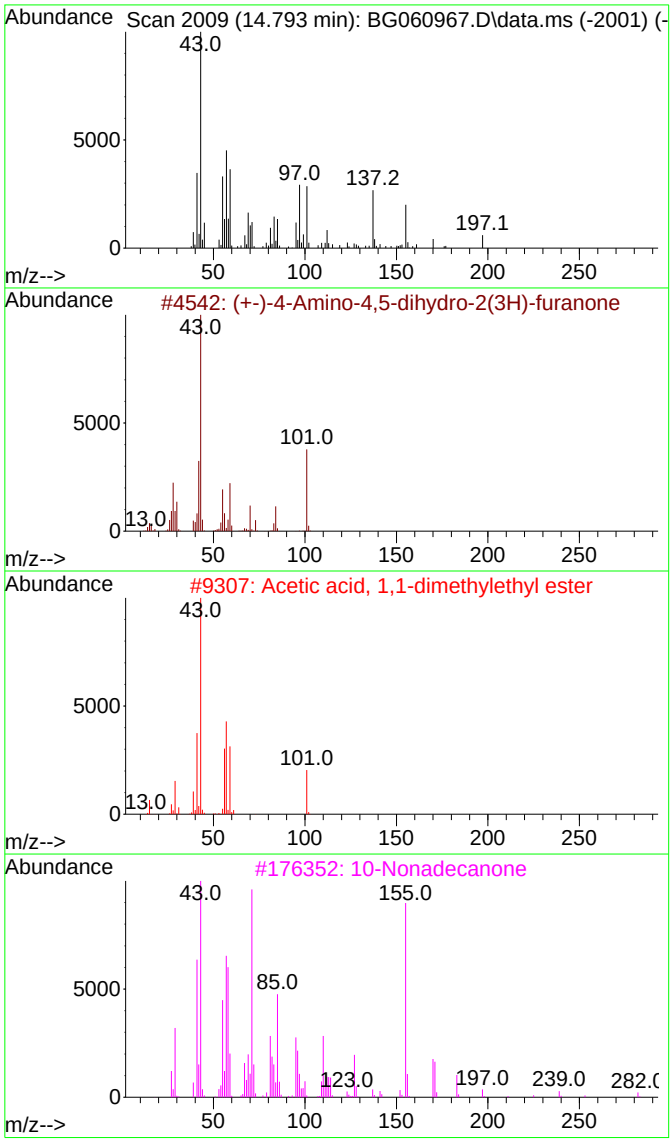
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

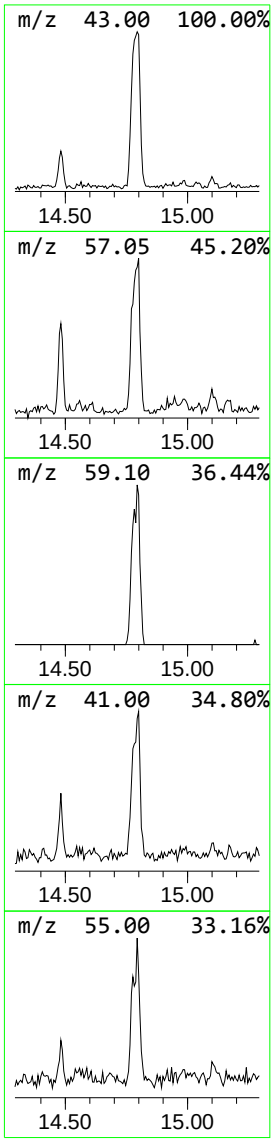
****

Peak Number 3 unknown14.794 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	14.02 ng	253144	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	14
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
3	10-Nonadecanone	282	C19H38O	000504-57-4	12
4	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	10
5	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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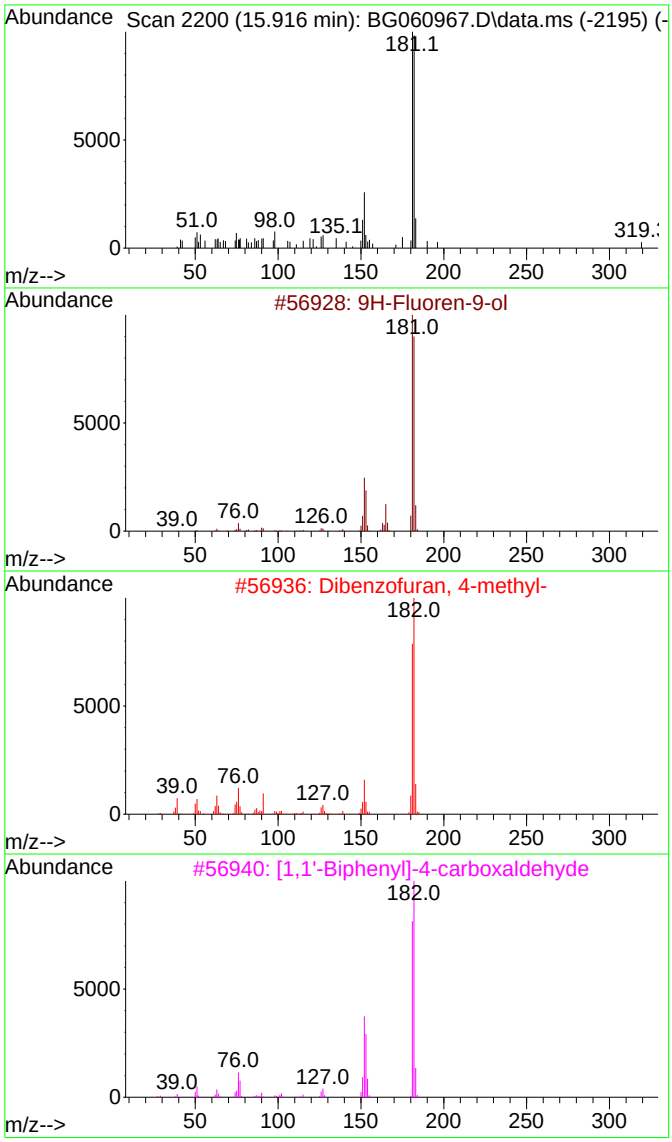
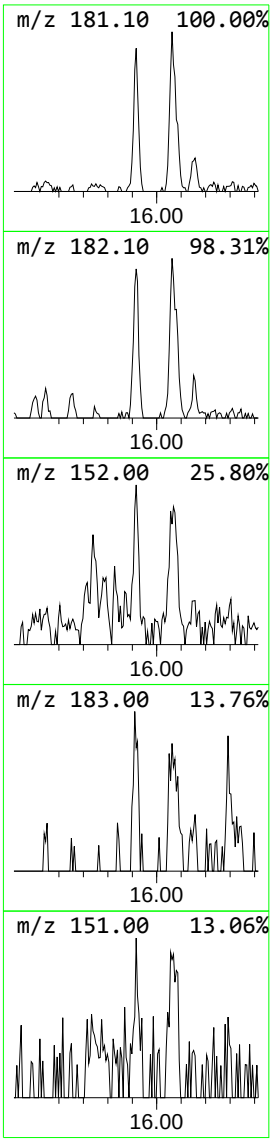
Peak Number 4 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	2.97 ng	53642	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

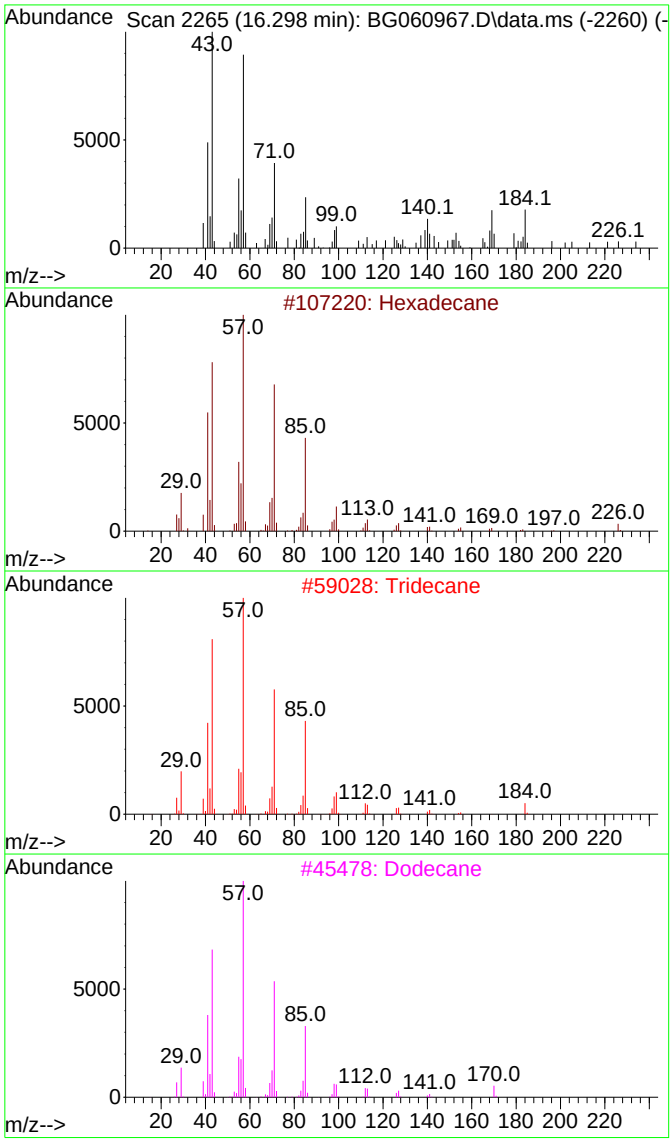
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

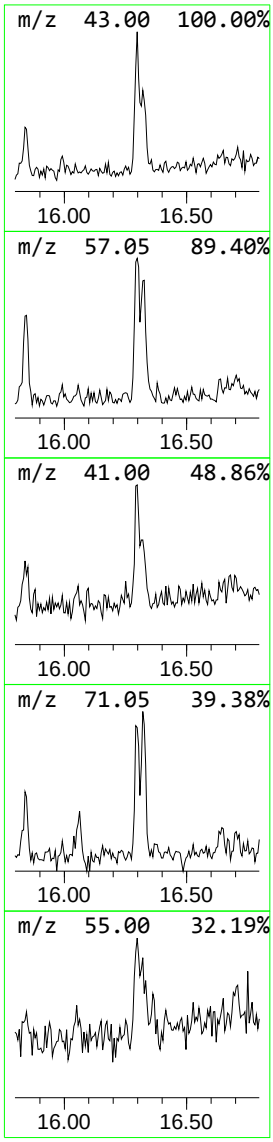
****

Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.298	3.32 ng	64990	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	89
3	Dodecane	170	C12H26	000112-40-3	70
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	62
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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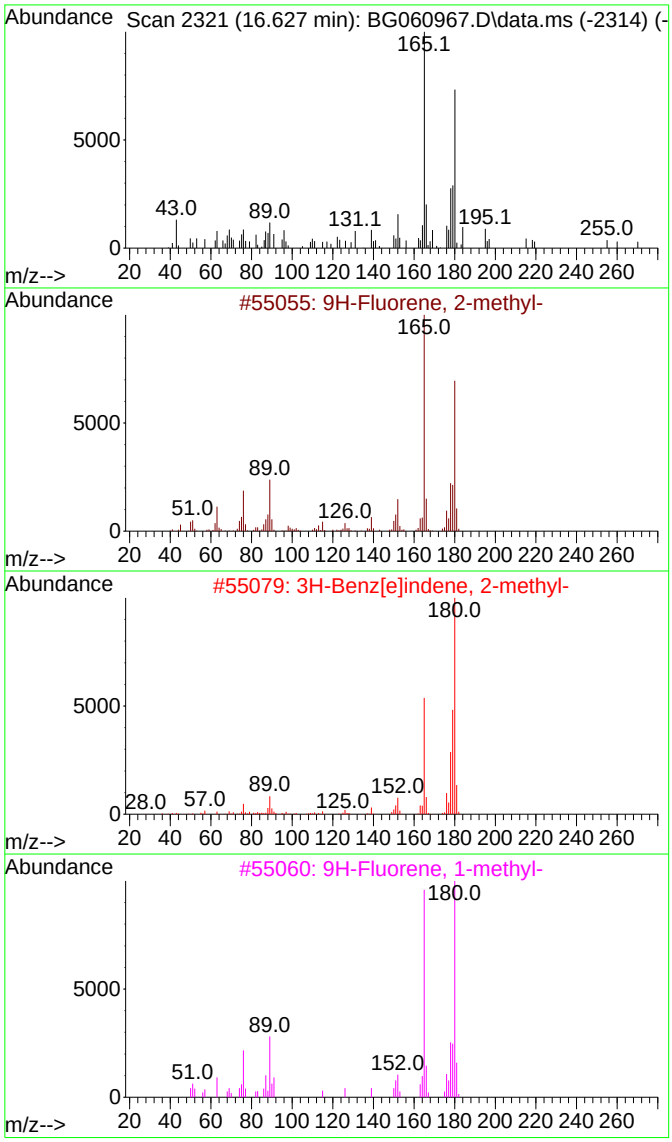
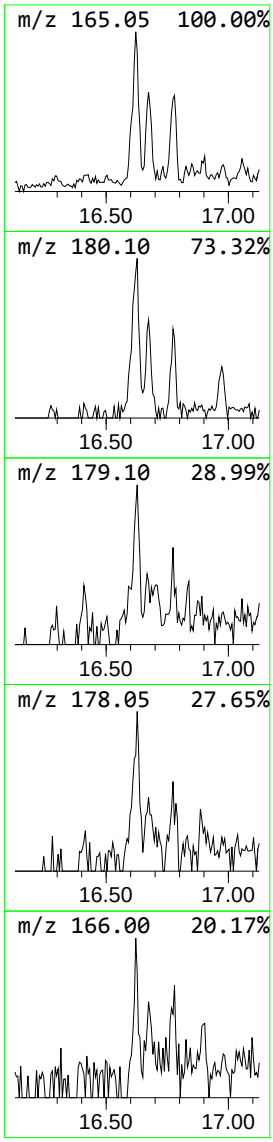
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	2.41 ng	47043	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
2	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	74
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	72
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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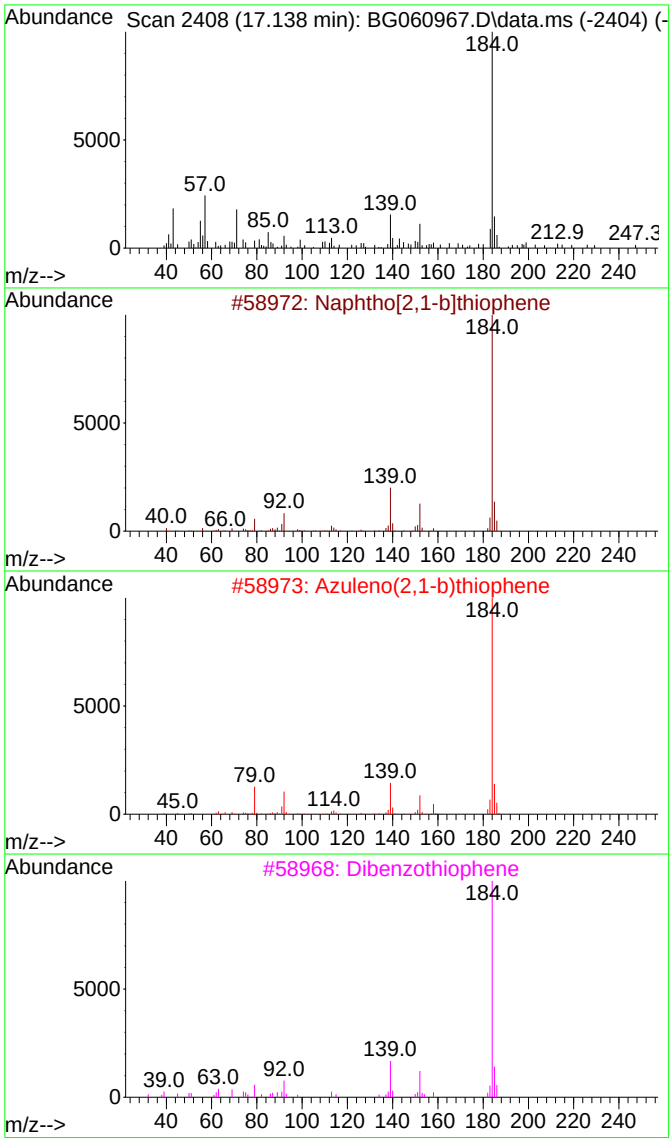
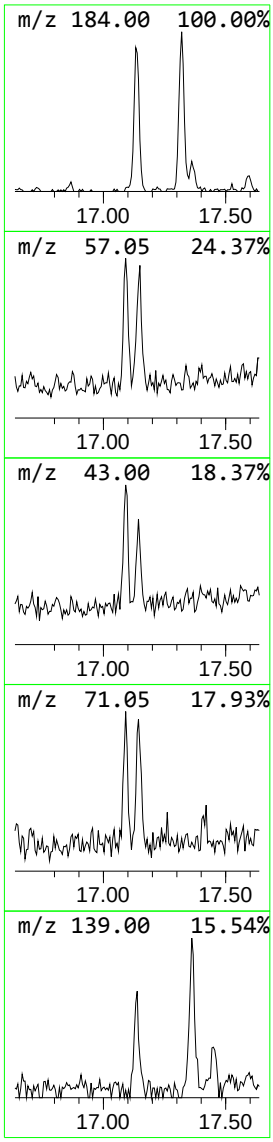
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.138	4.86 ng	94986	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83





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Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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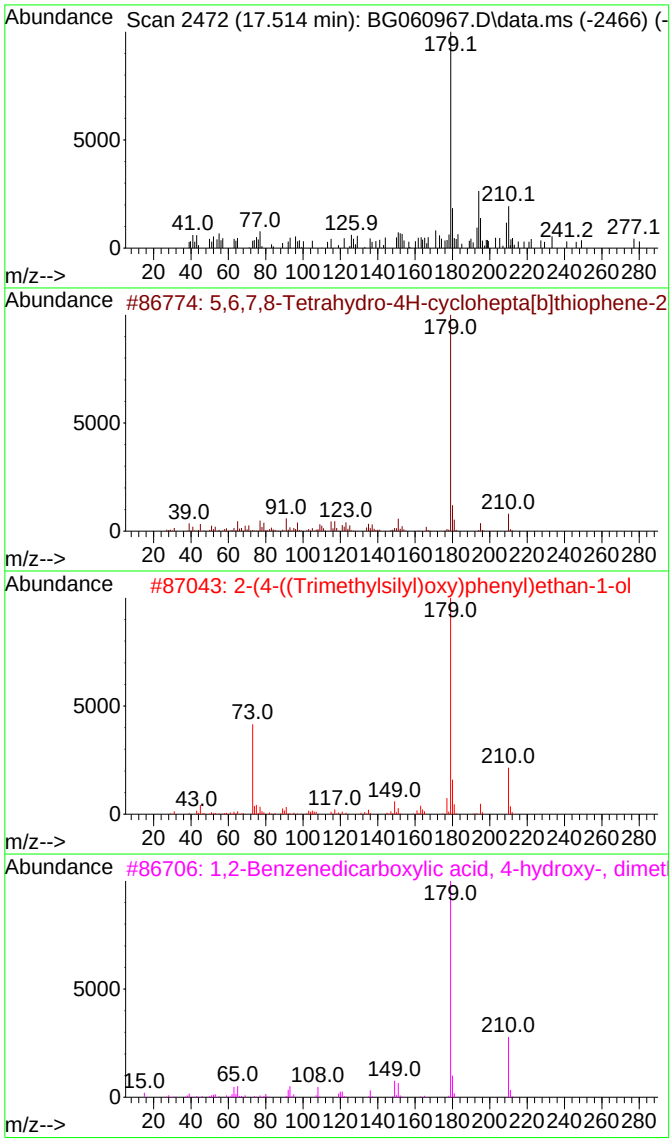
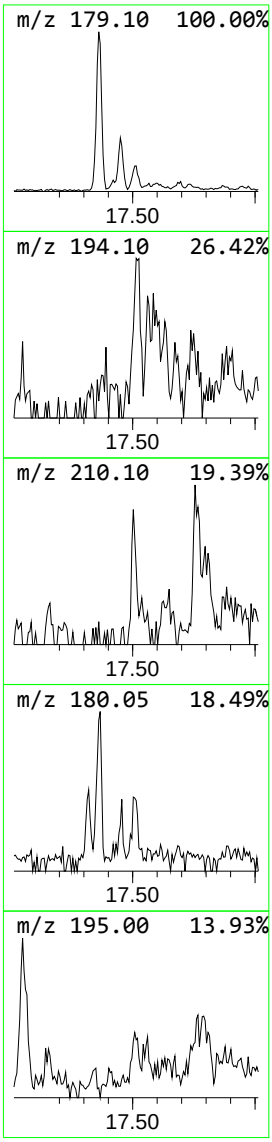
Peak Number 8 unknown17.514 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.514	2.53 ng	49556	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydro-4H-cyclohepta...	210	C10H14N2OS	588696-80-4	49
2	2-(4-((Trimethylsilyl)oxy)phenyl...	210	C11H18O2Si	1010478-07-8	49
3	1,2-Benzenedicarboxylic acid, 4-...	210	C10H10O5	022479-95-4	49
4	4-tert-Butylcatechol, dimethyl e...	194	C12H18O2	1000352-79-6	47
5	Methyl 2,4-dihydroxy-3-methylben...	210	C11H14O4	006688-71-7	47





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Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

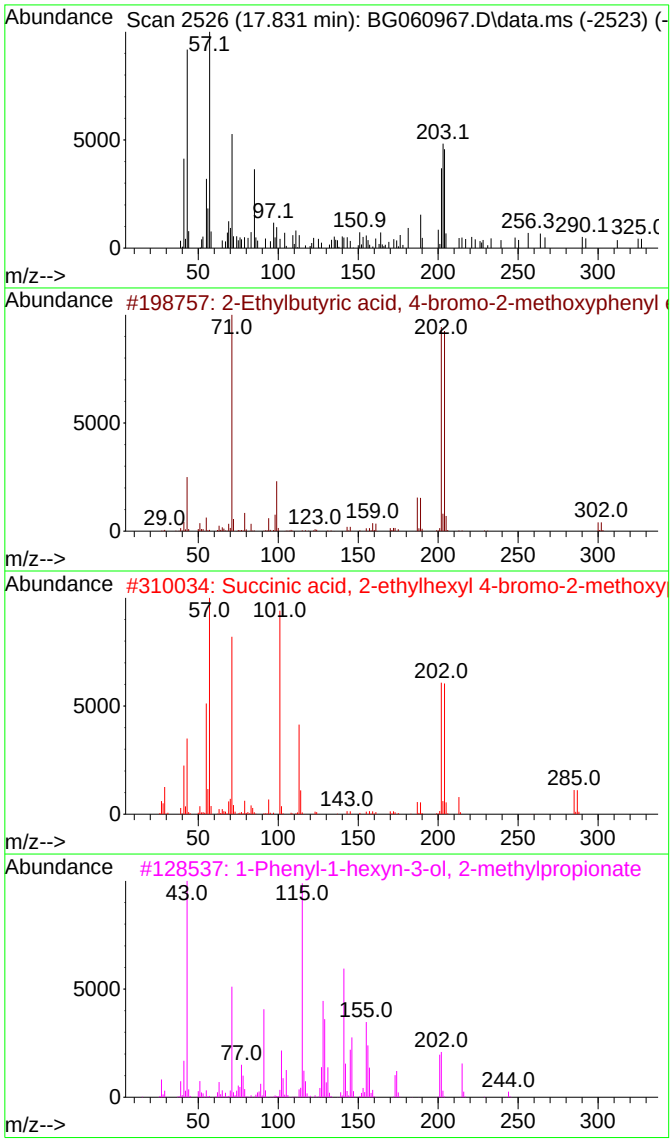
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

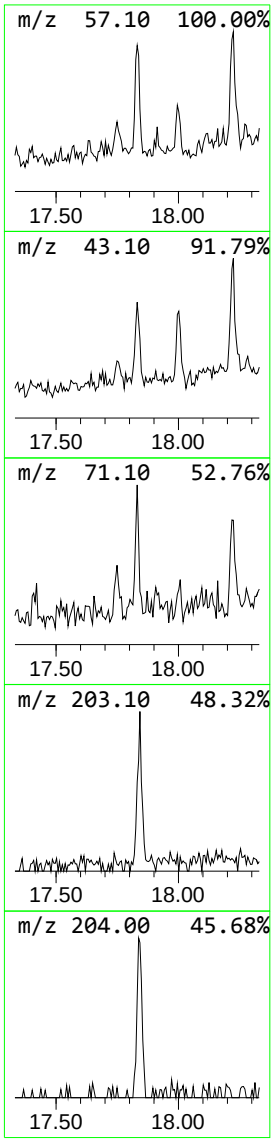
****

Peak Number 9 unknown17.831 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	2.35 ng	45936	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, 4-bromo-2-m...	300	C13H17BrO3	1000371-16-7	37
2	Succinic acid, 2-ethylhexyl 4-br...	414	C19H27BrO5	1010390-91-9	37
3	1-Phenyl-1-hexyn-3-ol, 2-methylp...	244	C16H20O2	1000447-38-9	14
4	METHYL 3,4-O-ISOPROPYLIDENE-.bet...	218	C10H18O5	1000428-66-7	12
5	Succinic acid, pentadecyl tetrah...	412	C24H44O5	1000329-87-1	12





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Misc :
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Instrument :
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ClientSampleId :
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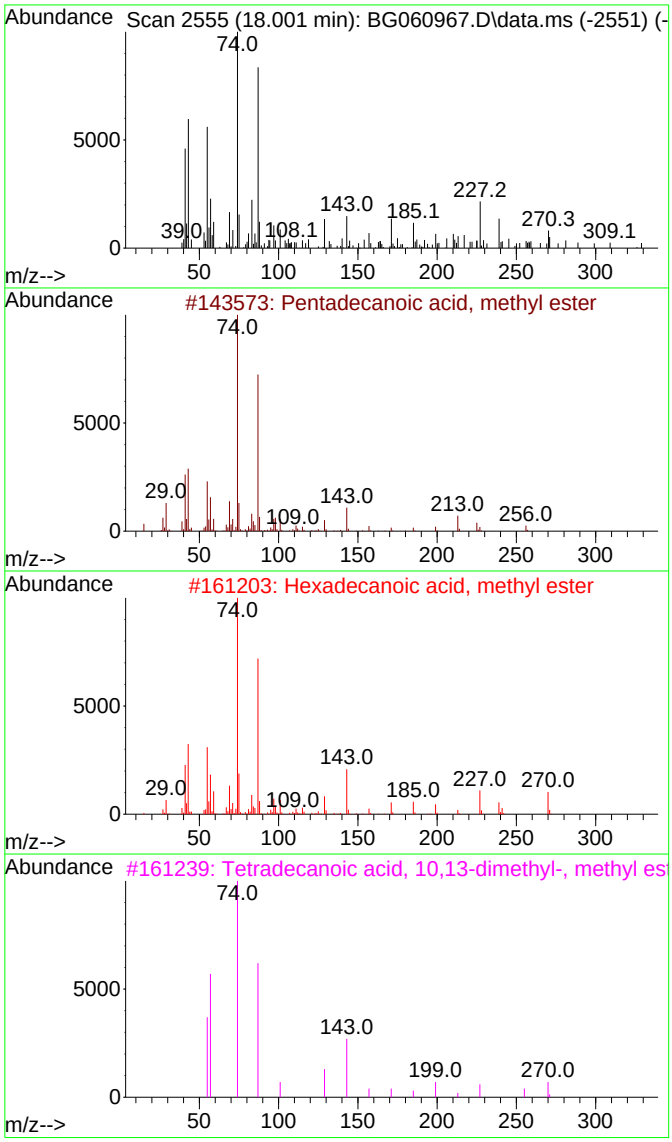
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

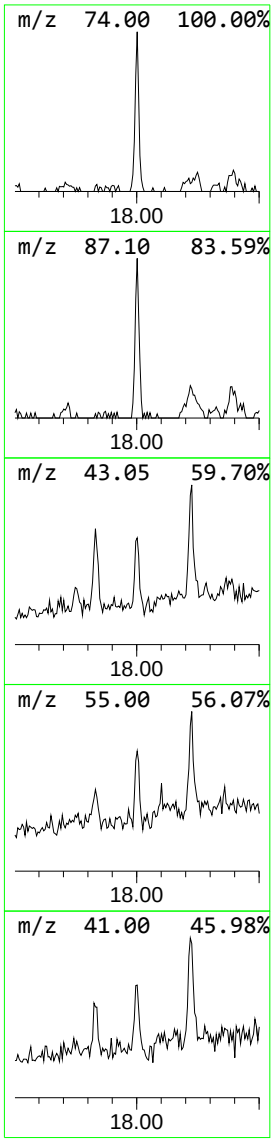
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.002	3.18 ng	62129	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	64
3	Tetradecanoic acid, 10,13-dimeth...	270	C17H34O2	267650-23-7	64
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	62
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	58





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Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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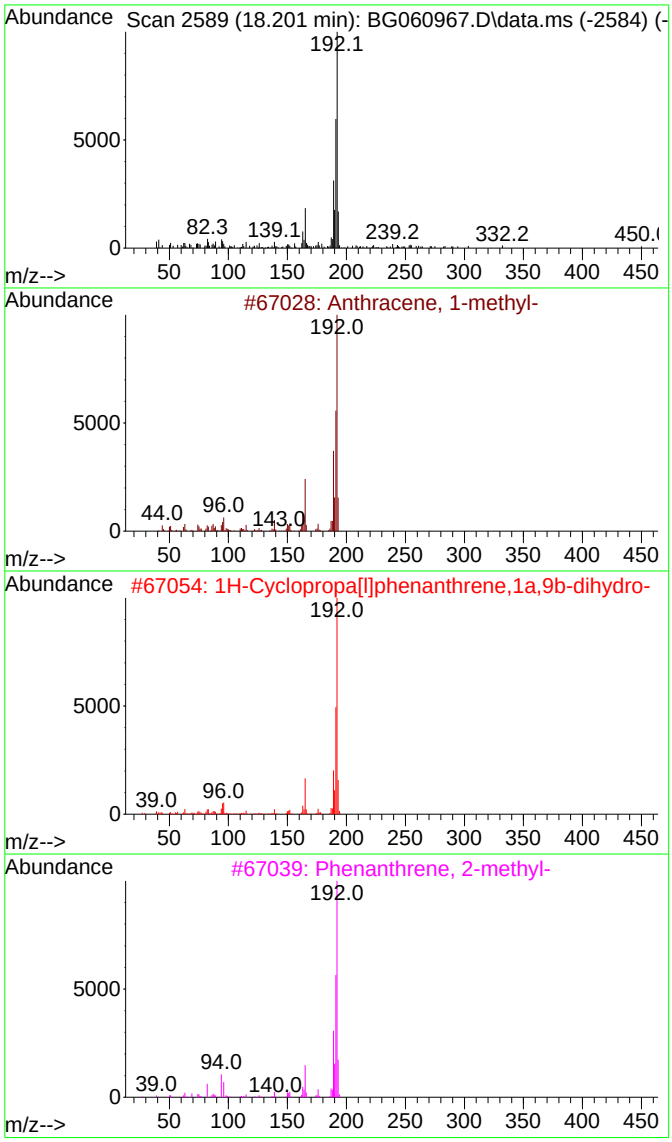
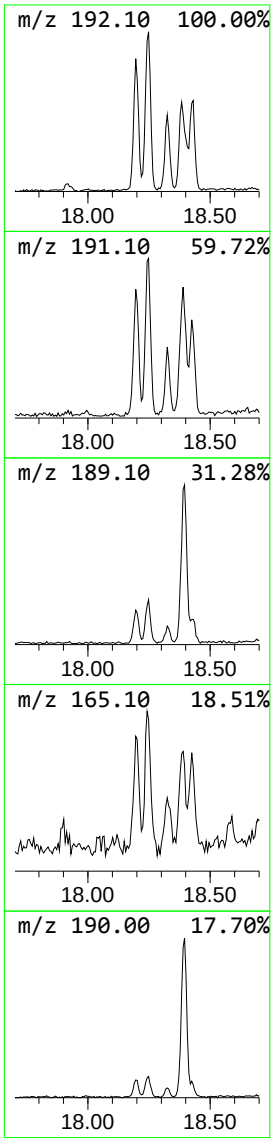
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	5.42 ng	106071	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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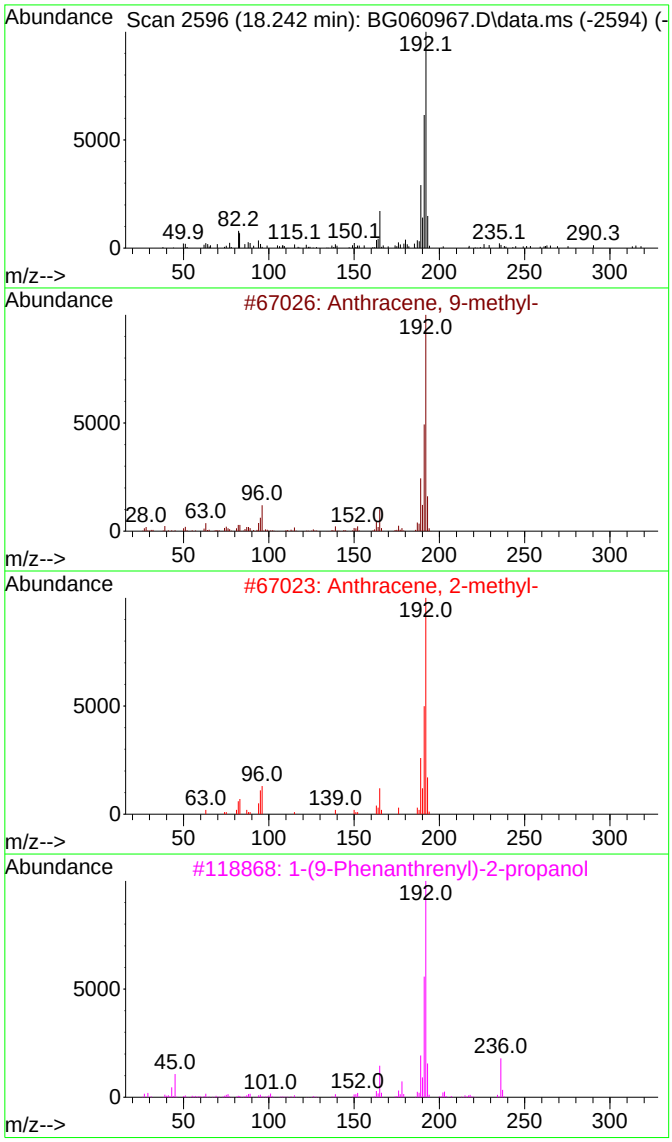
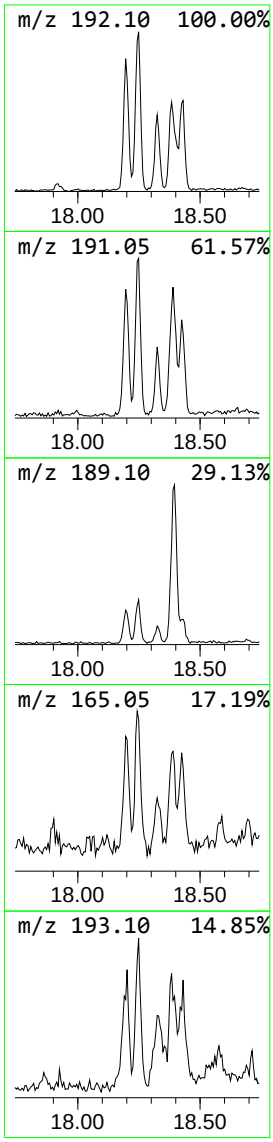
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	8.06 ng	157618	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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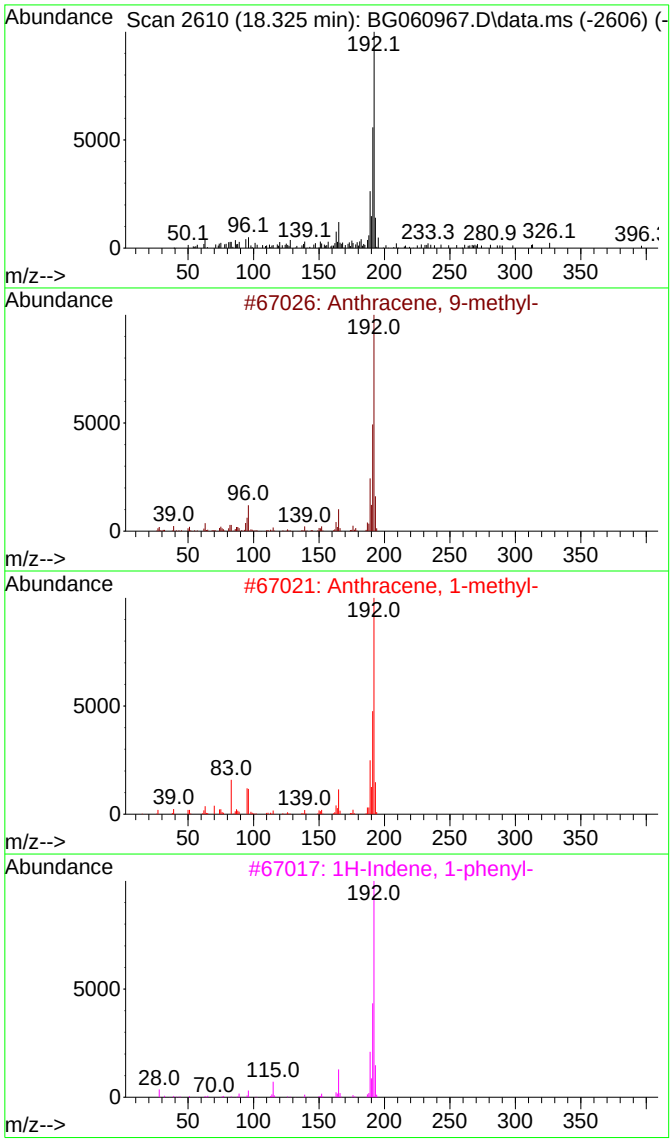
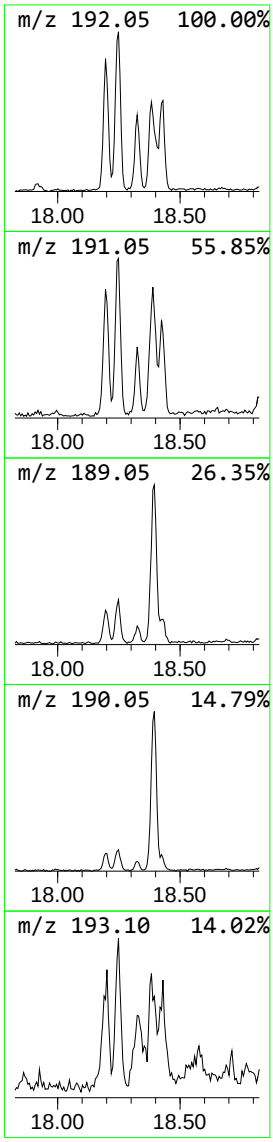
Peak Number 13 1H-Indene, 1-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	3.46 ng	67682	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

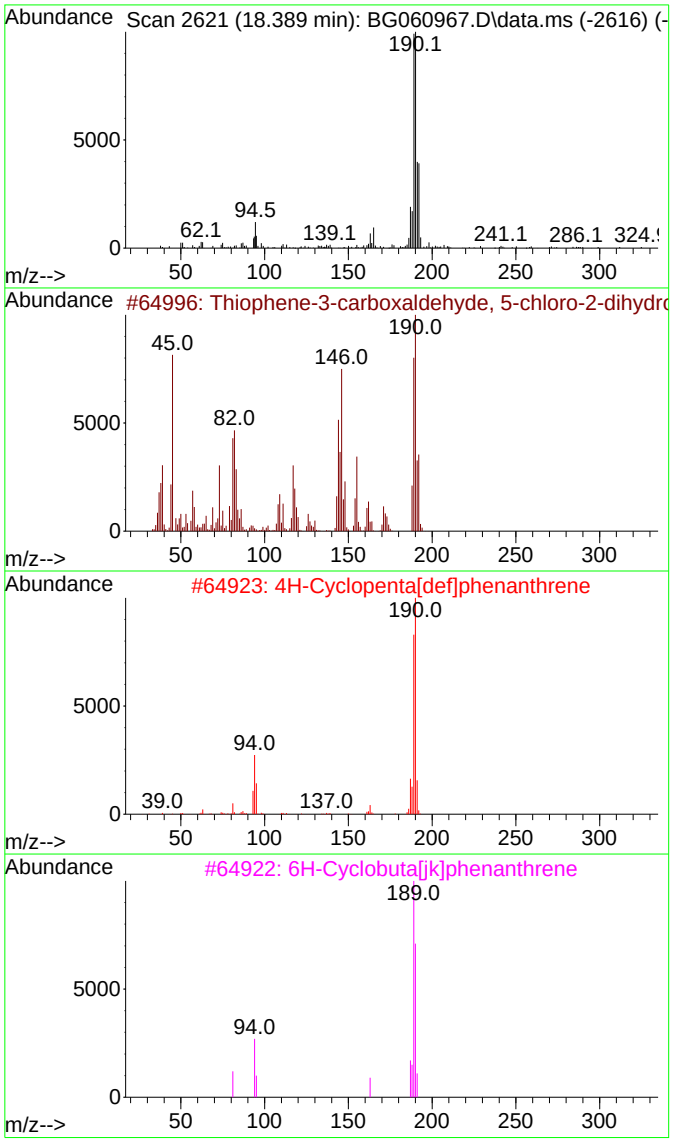
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

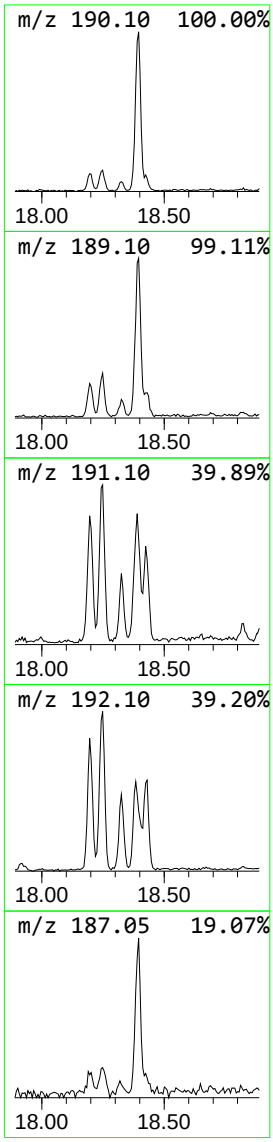
****

Peak Number 14 Thiophene-3-carboxaldehyde,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	12.64 ng	247141	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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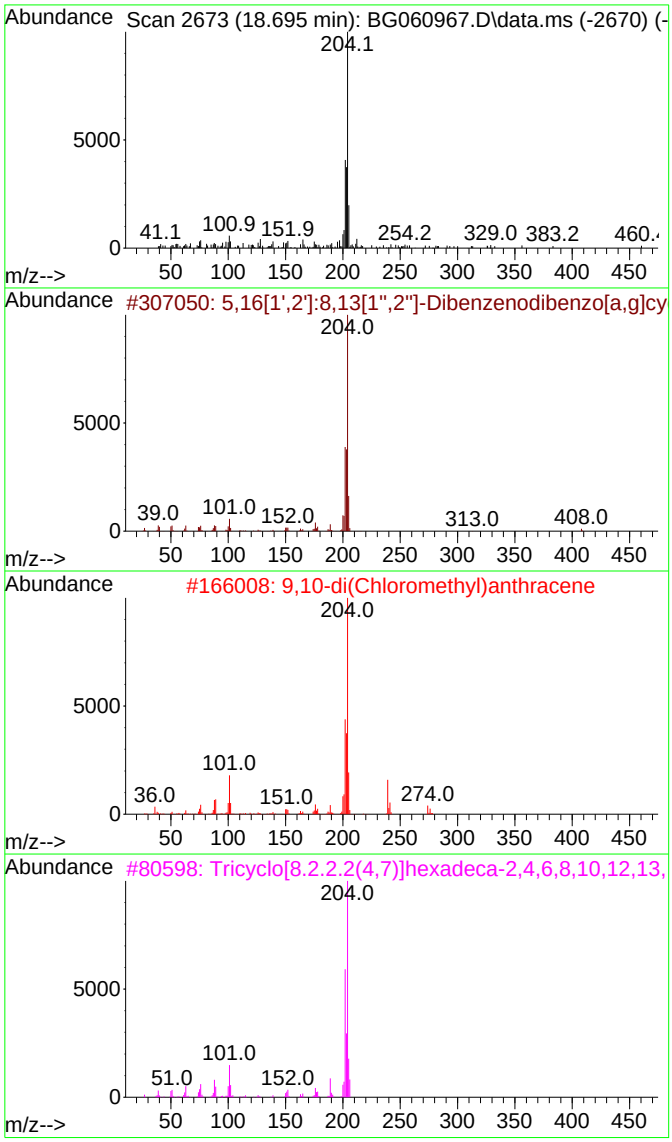
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

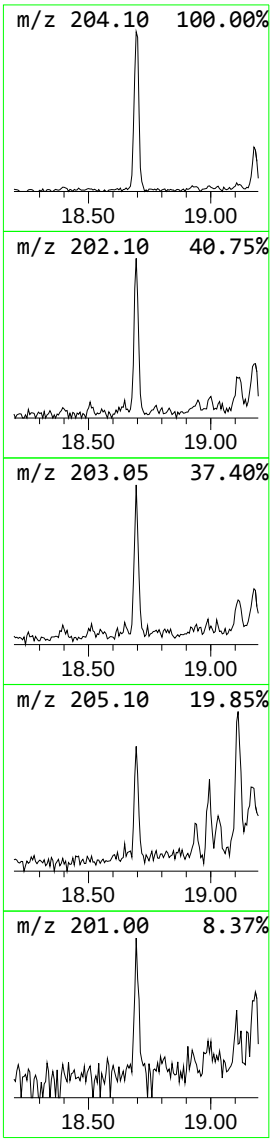
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	3.59 ng	70218	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52





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

TIC Library : C:\Database\NIST20.L
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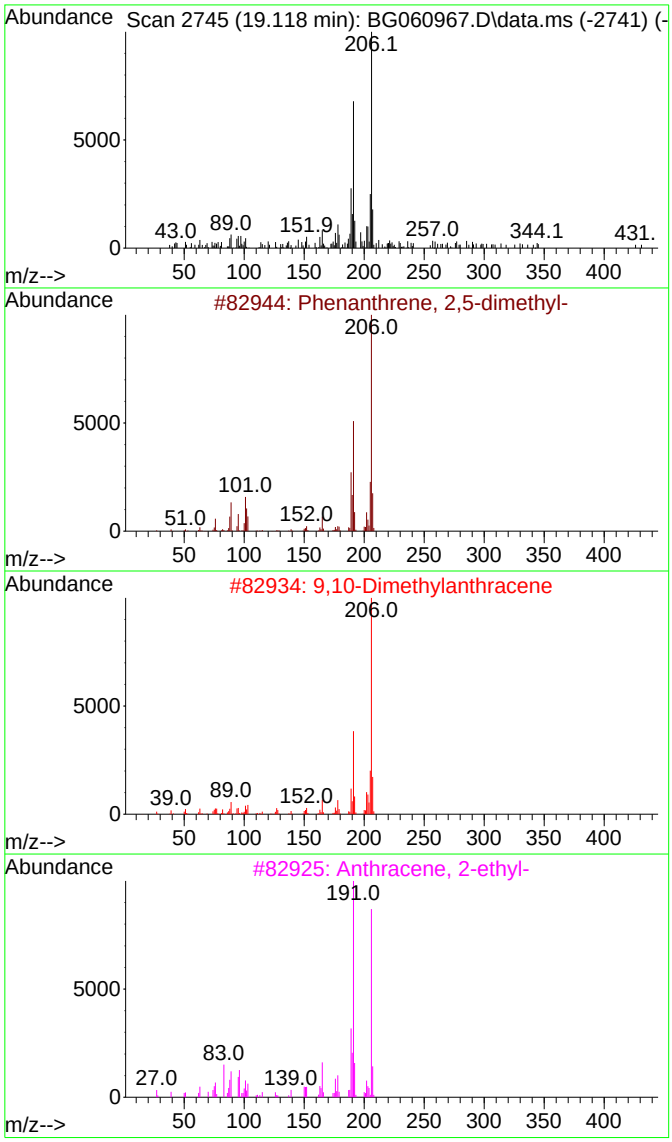
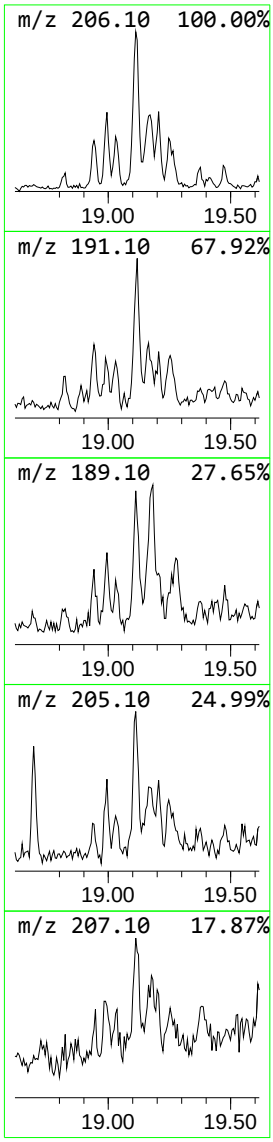
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.118	3.32 ng	64903	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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TIC Library : C:\Database\NIST20.L
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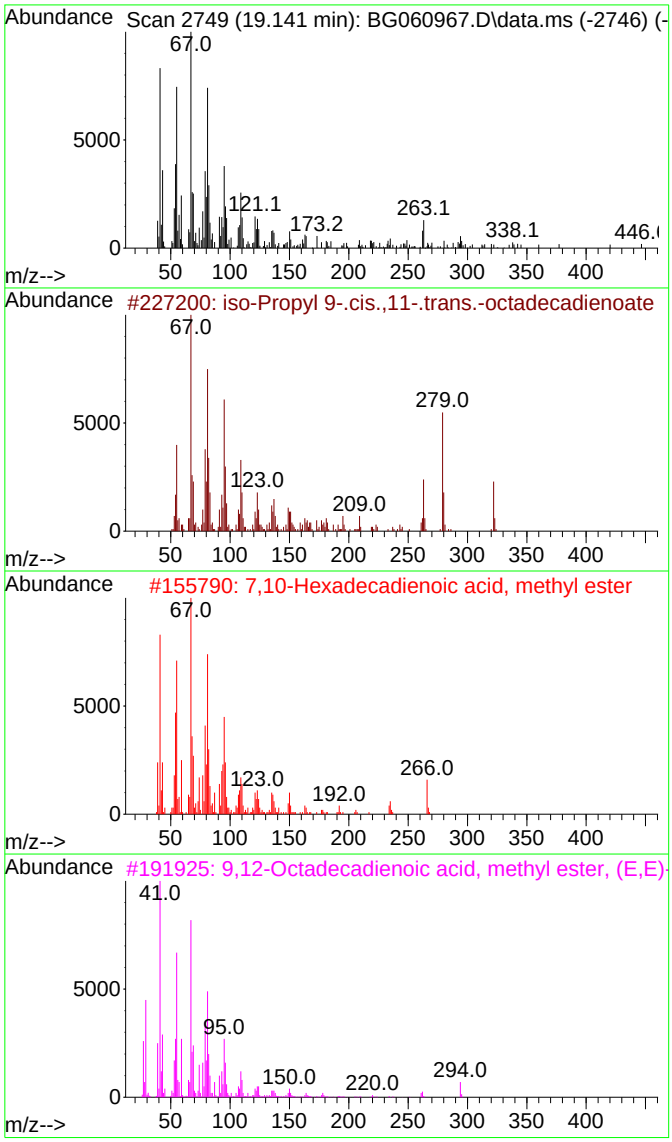
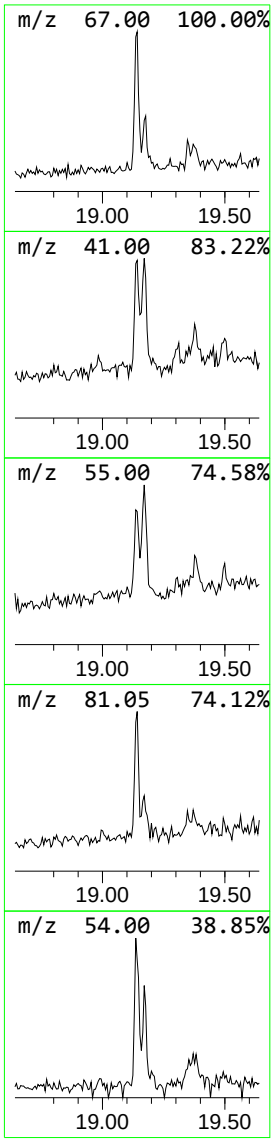
****
Peak Number 17 iso-Propyl 9-.cis.,11-.tran... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.141	7.60 ng	148604	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	iso-Propyl 9-.cis.,11-.trans.-oc...	322	C21H38O2	1000336-68-5	95
2	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	94
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	92
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	70
5	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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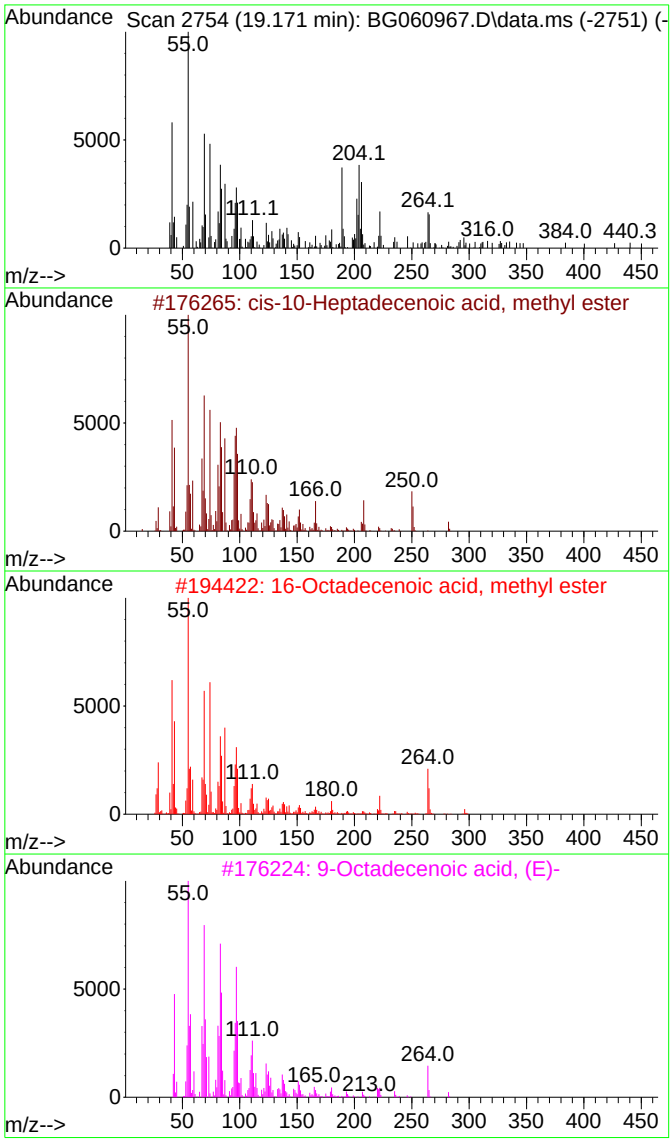
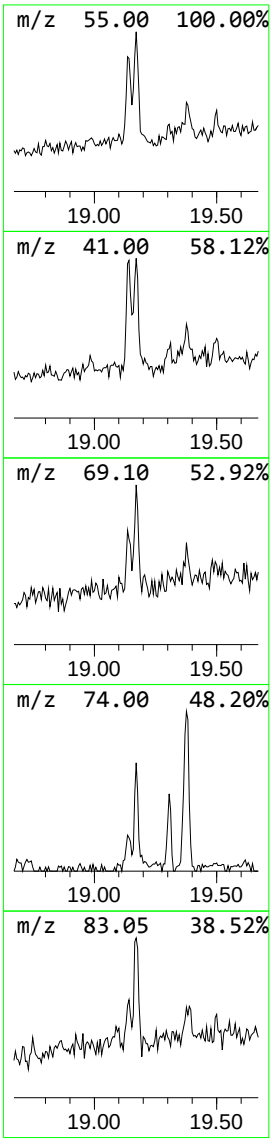
Peak Number 18 unknown19.171 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.171	8.77 ng	171511	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	46
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	41
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	40
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	38
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	35





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Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

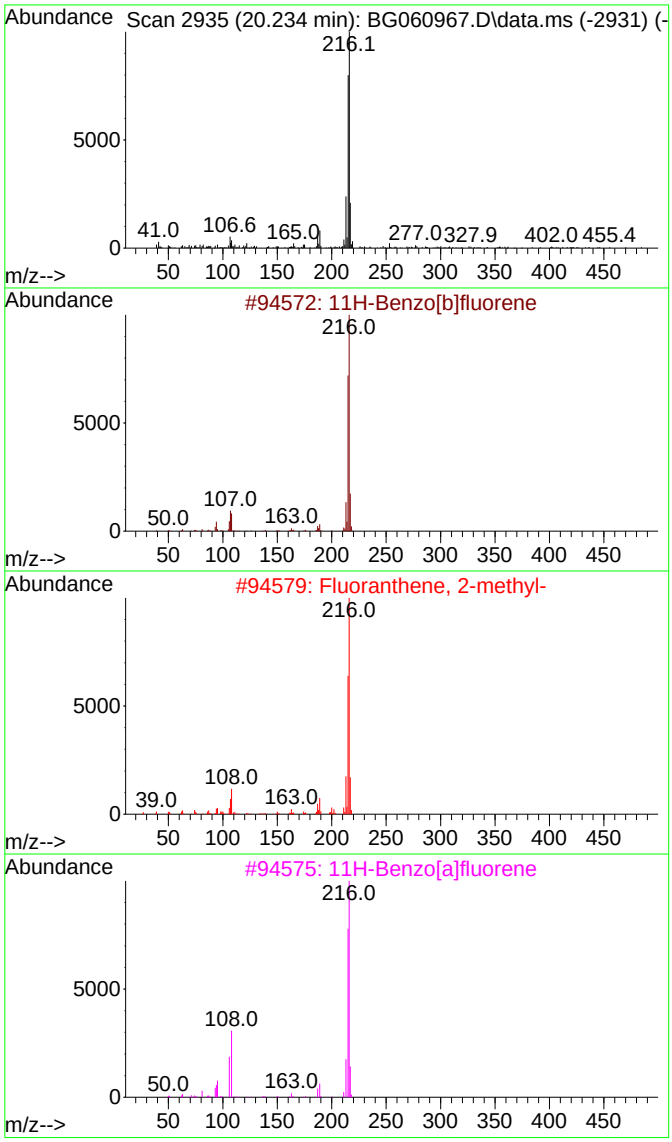
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

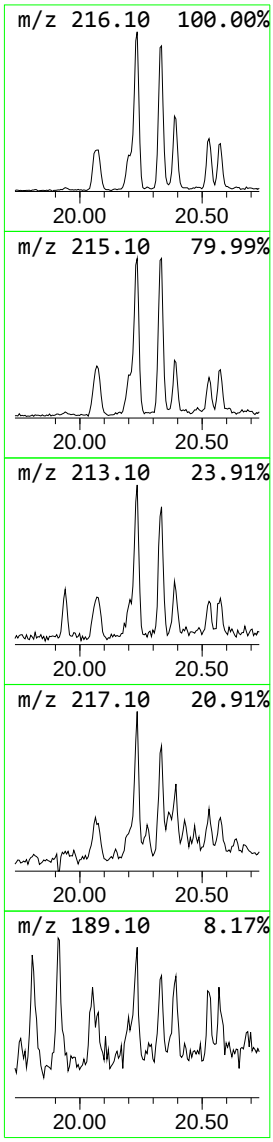
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.234	3.74 ng	203486	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

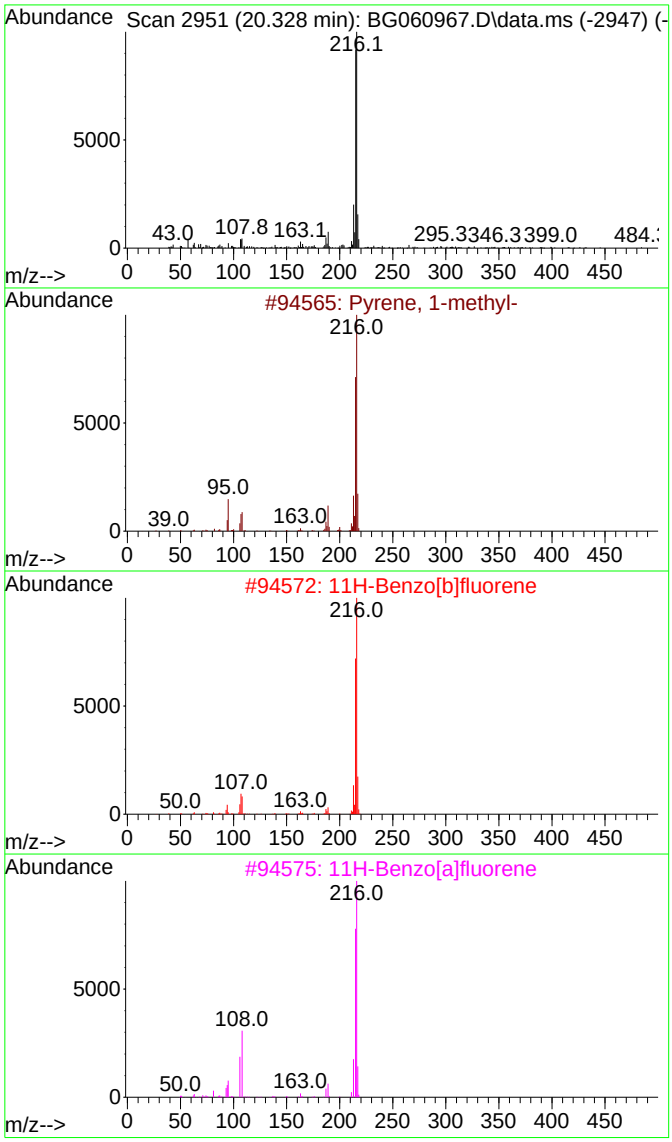
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

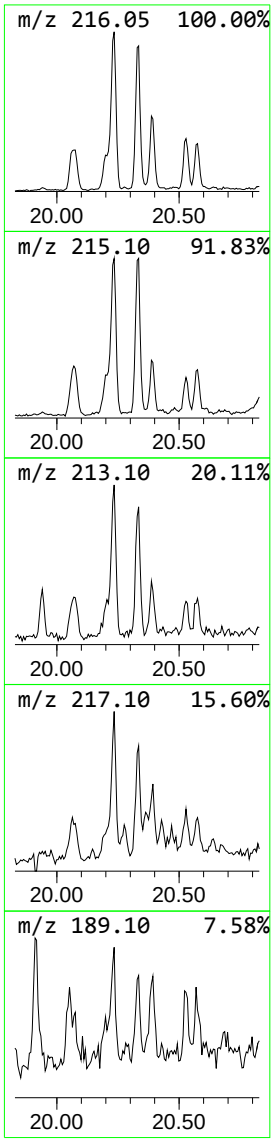
****

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.328	4.20 ng	228443	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060967.D
Acq On : 19 Apr 2024 20:20
Operator : MA/JU
Sample : P2195-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-041824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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
1-Pentene, 2-me...	3.090	2.4	ng	22445	1	7.943	185664	20.0
unknown3.172	3.172	2.5	ng	23445	1	7.943	185664	20.0
unknown14.794	14.794	14.0	ng	253144	3	14.570	361048	20.0
9H-Fluoren-9-ol	15.916	3.0	ng	53642	3	14.570	361048	20.0
Hexadecane	16.298	3.3	ng	64990	4	17.320	391094	20.0
9H-Fluorene, 2-...	16.627	2.4	ng	47043	4	17.320	391094	20.0
Naphtho[2,1-b]t...	17.138	4.9	ng	94986	4	17.320	391094	20.0
unknown17.514	17.514	2.5	ng	49556	4	17.320	391094	20.0
unknown17.831	17.831	2.4	ng	45936	4	17.320	391094	20.0
Pentadecanoic a...	18.002	3.2	ng	62129	4	17.320	391094	20.0
Anthracene, 1-m...	18.201	5.4	ng	106071	4	17.320	391094	20.0
Anthracene, 9-m...	18.242	8.1	ng	157618	4	17.320	391094	20.0
1H-Indene, 1-ph...	18.325	3.5	ng	67682	4	17.320	391094	20.0
Thiophene-3-car...	18.389	12.6	ng	247141	4	17.320	391094	20.0
5,16[1',2']:8,1...	18.695	3.6	ng	70218	4	17.320	391094	20.0
Phenanthrene, 2...	19.118	3.3	ng	64903	4	17.320	391094	20.0
iso-Propyl 9-.c...	19.141	7.6	ng	148604	4	17.320	391094	20.0
unknown19.171	19.171	8.8	ng	171511	4	17.320	391094	20.0
11H-Benzo[b]flu...	20.234	3.7	ng	203486	5	21.580	1088430	20.0
Pyrene, 1-methyl-	20.328	4.2	ng	228443	5	21.580	1088430	20.0