LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-SB-26

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-BG061323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	3	9	23	rVB	54278	139696	14.07%	1.192%
2	4.456	227	233	237	rBV3	6873	10085	1.02%	0.086%
3	5.049	329	334	342	rBV	31999	49541	4.99%	0.423%
4	5.514	406	413	422	rBV	305762	515247	51.89%	4.397%
5	7.094	673	682	693	rBV	318058	544622	54.85%	4.648%
6	7.940	818	826	832	rBV	148279	248002	24.97%	2.116%
7	9.092	1015	1022	1030	rBV	175985	306457	30.86%	2.615%
8	10.737	1292	1302	1308	rBV	199661	361112	36.37%	3.082%
9	10.790	1308	1311	1319	rVB	10386	15903	1.60%	0.136%
10	12.400	1578	1585	1590	rVB2	12885	21352	2.15%	0.182%
11	12.617	1616	1622	1626	rBV2	8393	12884	1.30%	0.110%
12	13.193	1713	1720	1727	rBV	467354	702586	70.75%	5.996%
13	13.398	1749	1755	1760	rVB4	10033	15275	1.54%	0.130%
14	13.886	1833	1838	1844	rBV2	8220	14734	1.48%	0.126%
15	14.292	1898	1907	1915	rBV3	9668	20165	2.03%	0.172%
16	14.568	1945	1954	1960	rBV	293229	453013	45.62%	3.866%
17	14.632	1960	1965	1973	rVB2	26273	39808	4.01%	0.340%
18	14.967	2015	2022	2028	rBV	22441	34536	3.48%	0.295%
19	15.614	2126	2132	2143	rBV2	29436	50313	5.07%	0.429%
20	15.743	2143	2154	2156	rBV6	4550	11092	1.12%	0.095%
21	15.919	2177	2184	2190	rVB	96269	145182	14.62%	1.239%
22	16.048	2197	2206	2215	rBV	320296	493460	49.69%	4.211%
23	16.277	2241	2245	2247	rBV3	11459	14639	1.47%	0.125%
24	16.301	2247	2249	2257	rVB5	11242	14512	1.46%	0.124%
25	16.483	2274	2280	2287	rBV	14271	23079	2.32%	0.197%
26	16.959	2355	2361	2368	rVB	16068	27005	2.72%	0.230%
27	17.129	2385	2390	2394	rBV2	20339	28687	2.89%	0.245%
28	17.312	2414	2421	2425	rBV	359296	551595	55.55%	4.707%
29	17.353	2425	2428	2434	rVB	260391	355393	35.79%	3.033%
30	17.441	2439	2443	2448	rVV	58647	89222	8.98%	0.761%
31	17.494	2448	2452	2458	rVB4	8934	14198	1.43%	0.121%
32	17.617	2469	2473	2478	rVB8	6308	9945	1.00%	0.085%
33	17.711	2480	2489	2494	rBV2	29160	60719	6.11%	0.518%
34	17.811	2503	2506	2508	rBV4	9685	11806	1.19%	0.101%
35	17.887	2516	2519	2523	rBV6	8885	12464	1.26%	0.106%
36	17.970	2529	2533	2540	rBV10	5541	12505	1.26%	0.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

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-BG061323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.146	2559	2563	2565	rVV3	17878	25247	2.54%	0.215%
38	18.199	2566	2572	2576	rVV3	91512	192463	19.38%	1.642%
39	18.234	2576	2578	2586	rVV	69549	104585	10.53%	0.892%
40	18.310	2588	2591	2596	rVV	21268	39022	3.93%	0.333%
41	18.381	2597	2603	2607	rVV2	60346	123620	12.45%	1.055%
42	18.416	2607	2609	2616	rVB2	27490	35315	3.56%	0.301%
43	18.686	2650	2655	2658	rBV	32660	48948	4.93%	0.418%
44	18.722	2658	2661	2664	rVB3	15321	18818	1.90%	0.161%
45	19.015	2709	2711	2715	rVB2	14573	17952	1.81%	0.153%
46	19.098	2721	2725	2729	rBV	28549	45923	4.62%	0.392%
47	19.233	2745	2748	2755	rVB2	21618	36201	3.65%	0.309%
48	19.362	2765	2770	2776	rBV	492680	676673	68.14%	5.775%
49	19.726	2822	2832	2840	rBV	422784	755380	76.07%	6.446%
50	19.926	2860	2866	2871	rBV	697223	918225	92.47%	7.836%
51	20.214	2912	2915	2919	rVB	52033	59470	5.99%	0.507%
52	20.514	2964	2966	2969	rBV	23907	27421	2.76%	0.234%
53	21.225	3085	3087	3095	rVB4	78731	137598	13.86%	1.174%
54	21.466	3125	3128	3134	rVB	74187	91421	9.21%	0.780%
55	21.565	3137	3145	3150	rVV2	402694	993020	100.00%	8.474%
56	21.612	3150	3153	3166	rVB	203357	326767	32.91%	2.789%
57	23.728	3506	3513	3521	rBV	154991	501132	50.47%	4.276%
58	24.438	3629	3634	3645	rVB	101337	260949	26.28%	2.227%
59	24.574	3652	3657	3666	rVB	131552	319475	32.17%	2.726%
60	24.732	3676	3684	3691	rBV	198775	531827	53.56%	4.538%

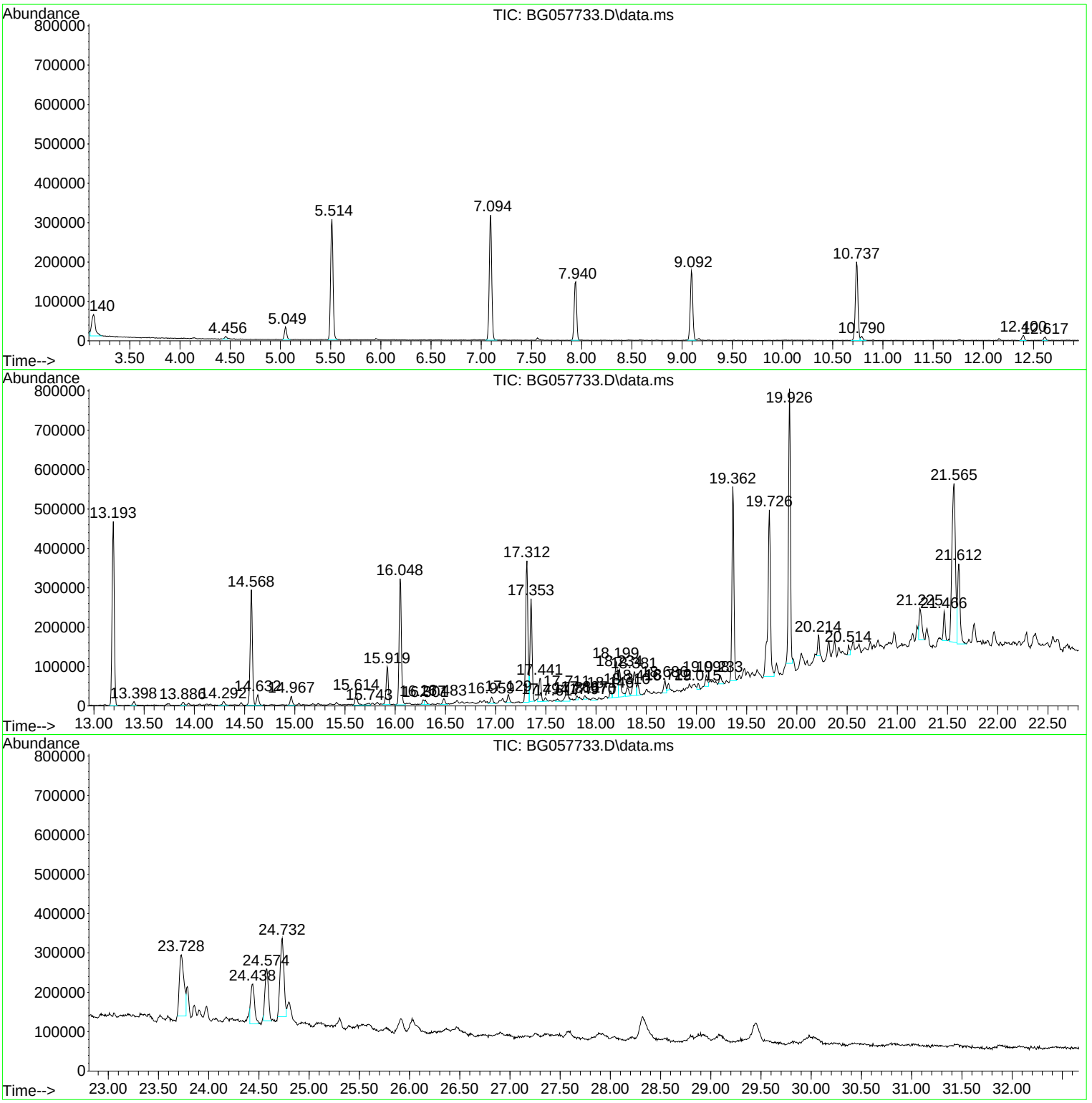
Sum of corrected areas: 11718286

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.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\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

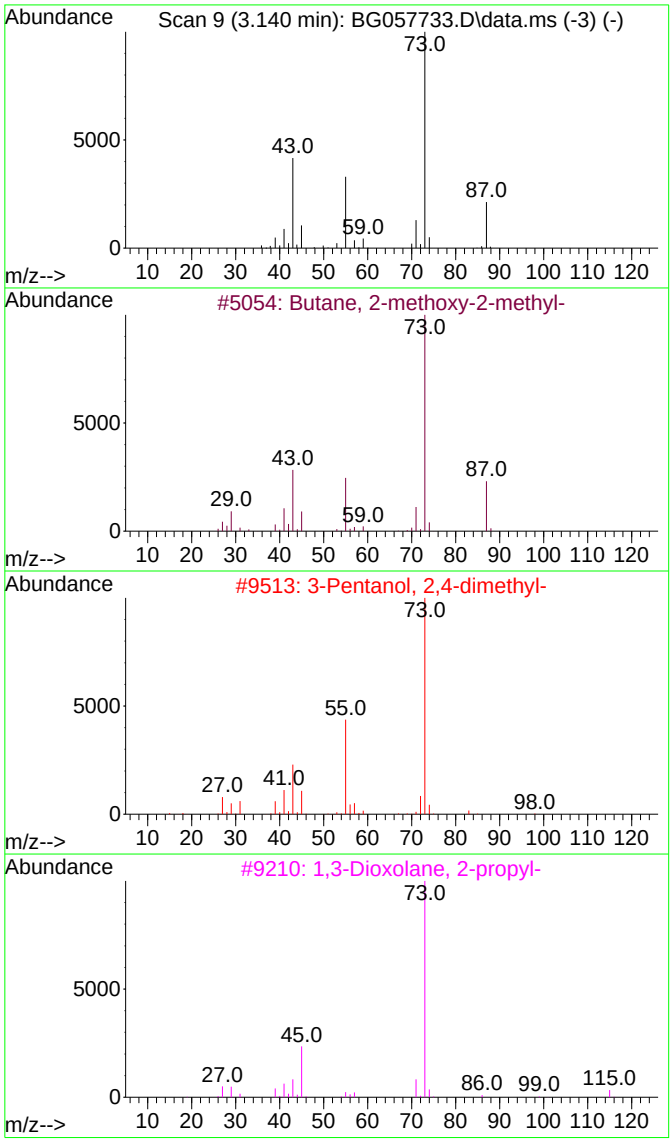
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

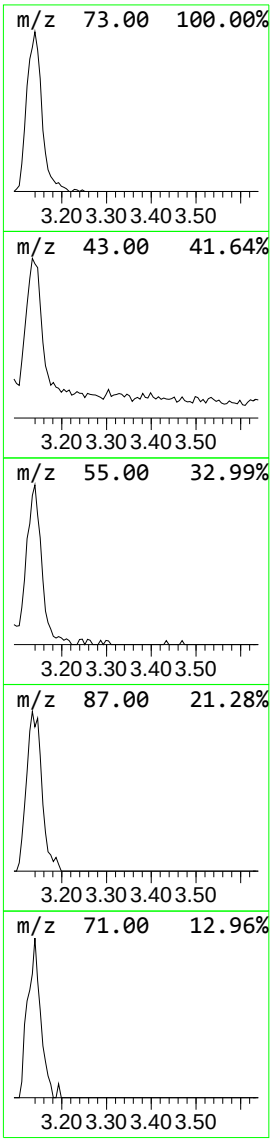
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	11.27 ng	139696	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

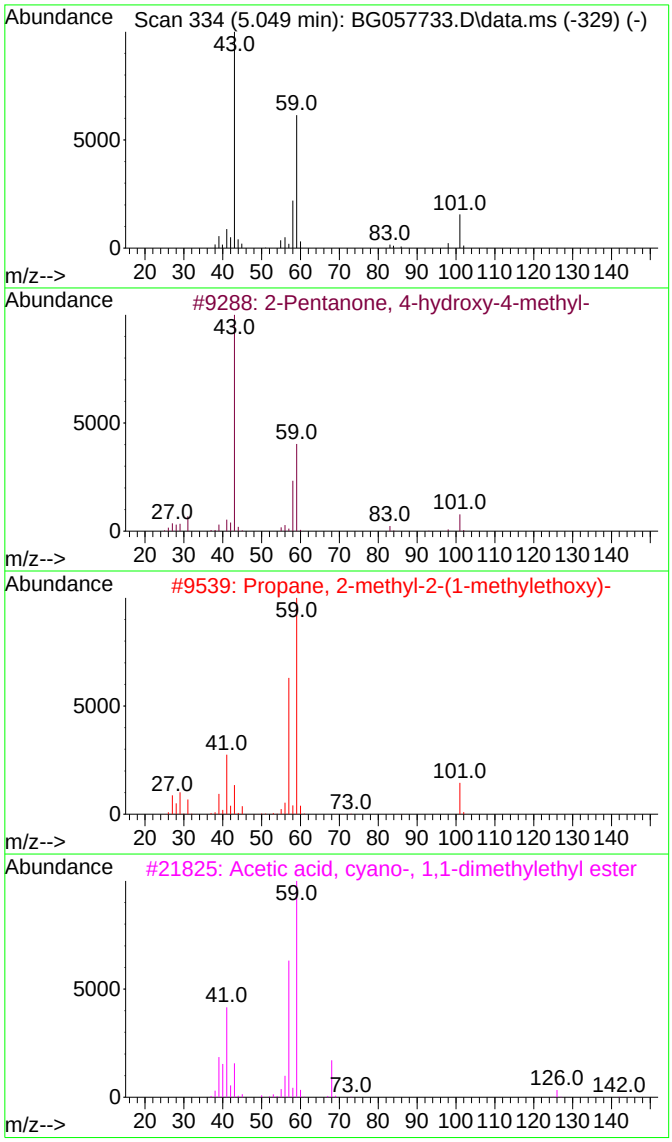
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

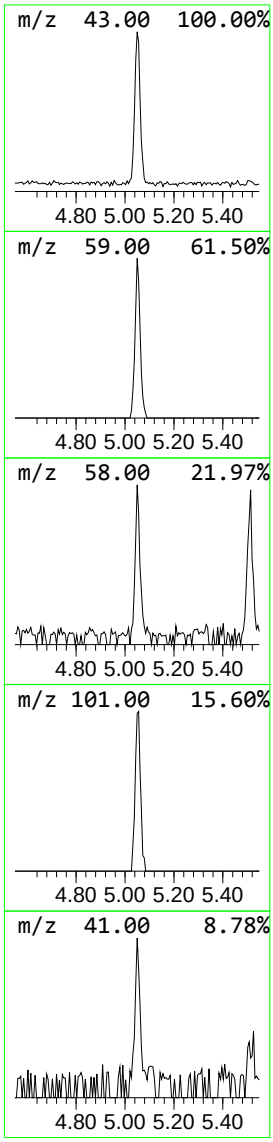
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.049	4.00 ng	49541	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

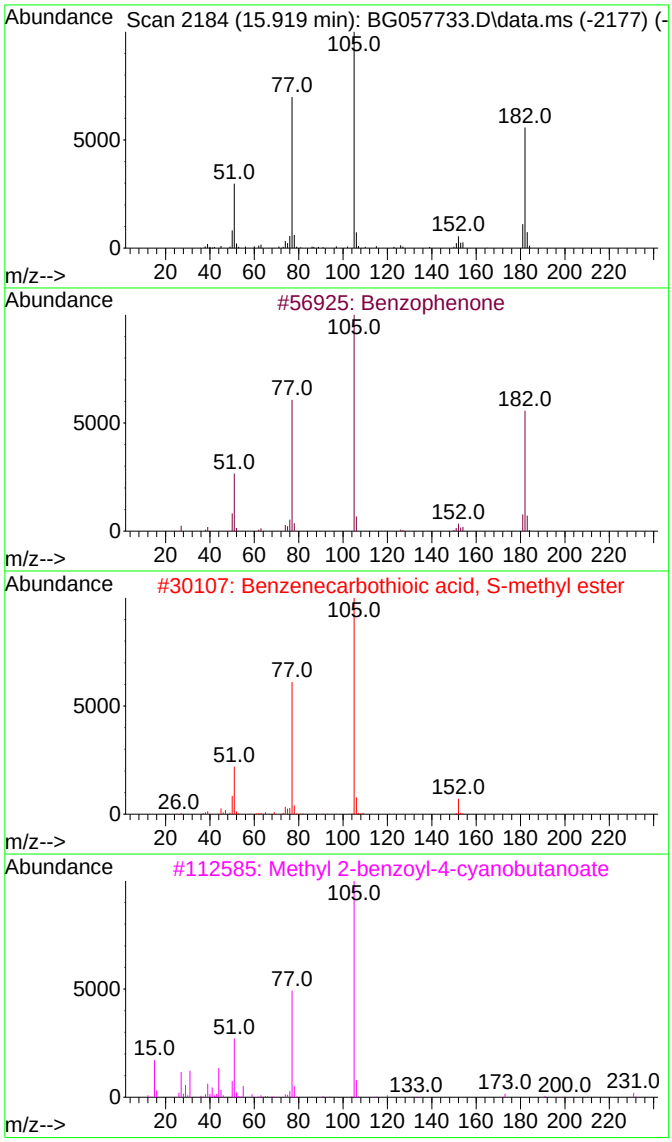
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

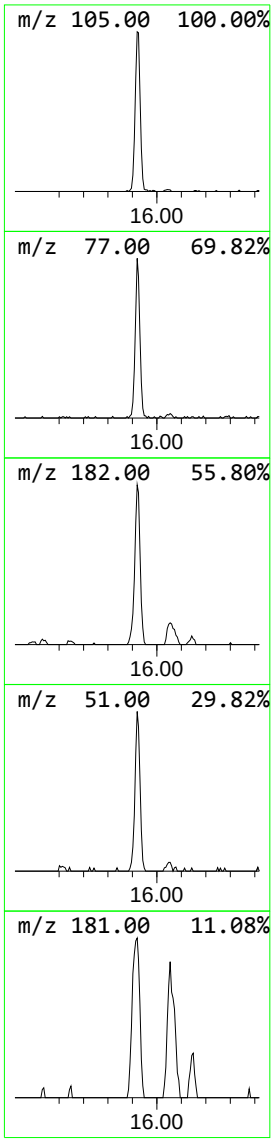
****

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	6.41 ng	145182	Acenaphthene-d10	14.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

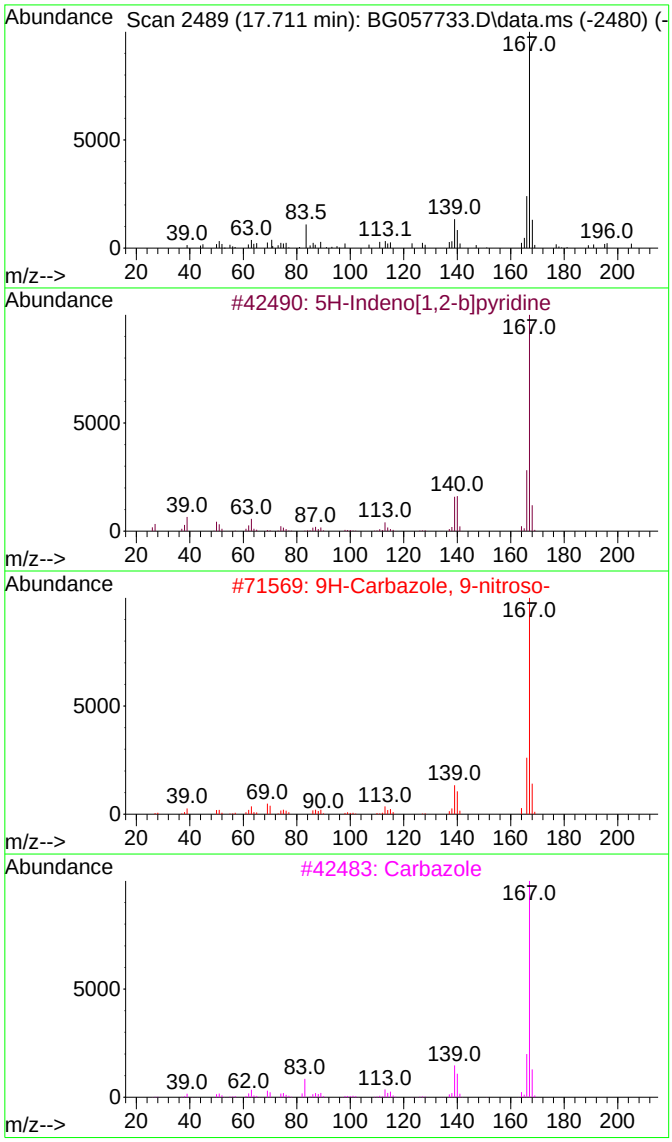
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

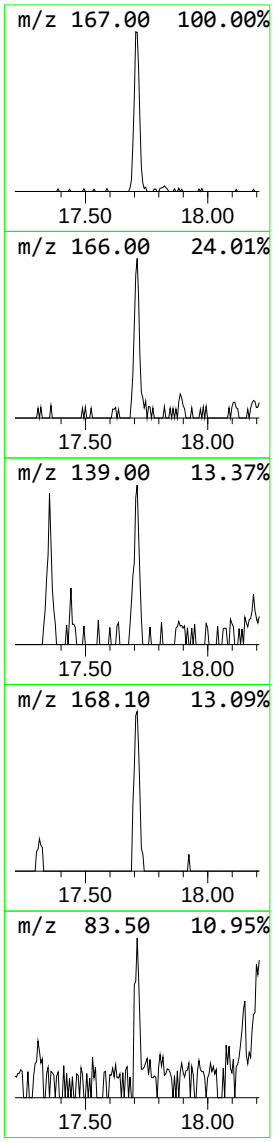
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.711	2.20 ng	60719	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
3	Carbazole	167	C12H9N	000086-74-8	81
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64
5	2-Azafluorene	167	C12H9N	000244-40-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

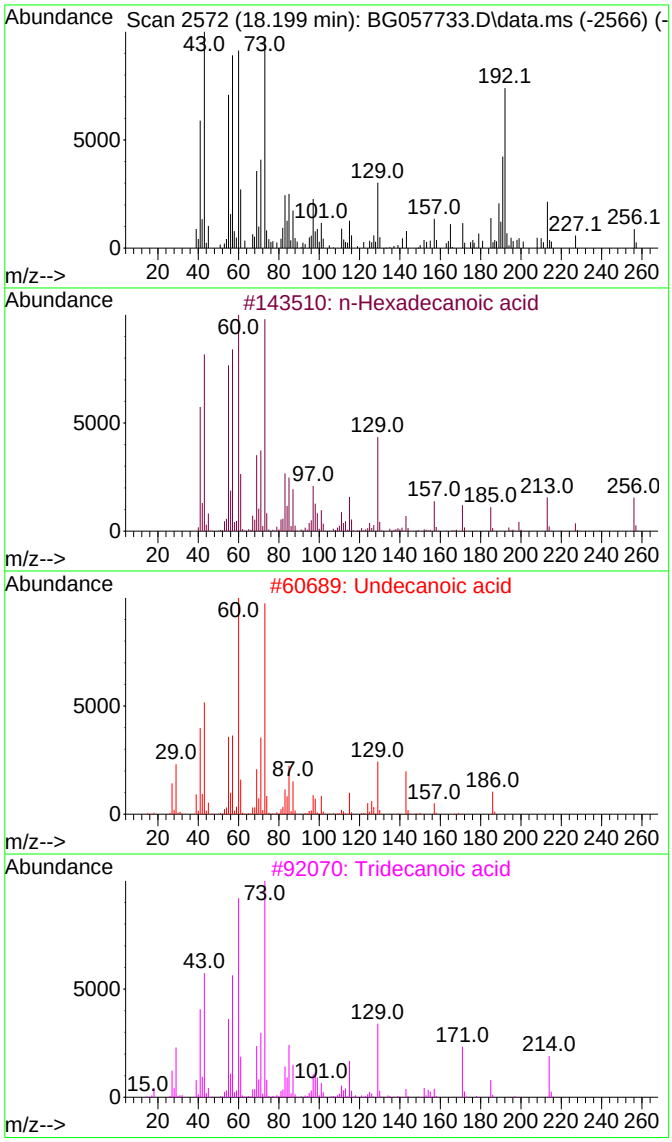
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

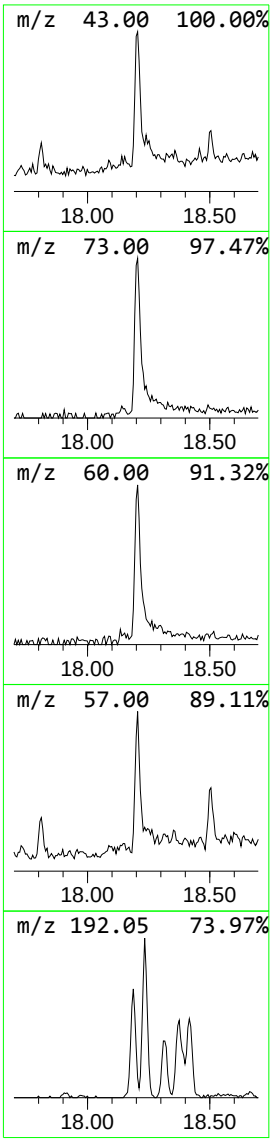
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.199	6.98 ng	192463	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	Undecanoic acid	186	C11H22O2	000112-37-8	50
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

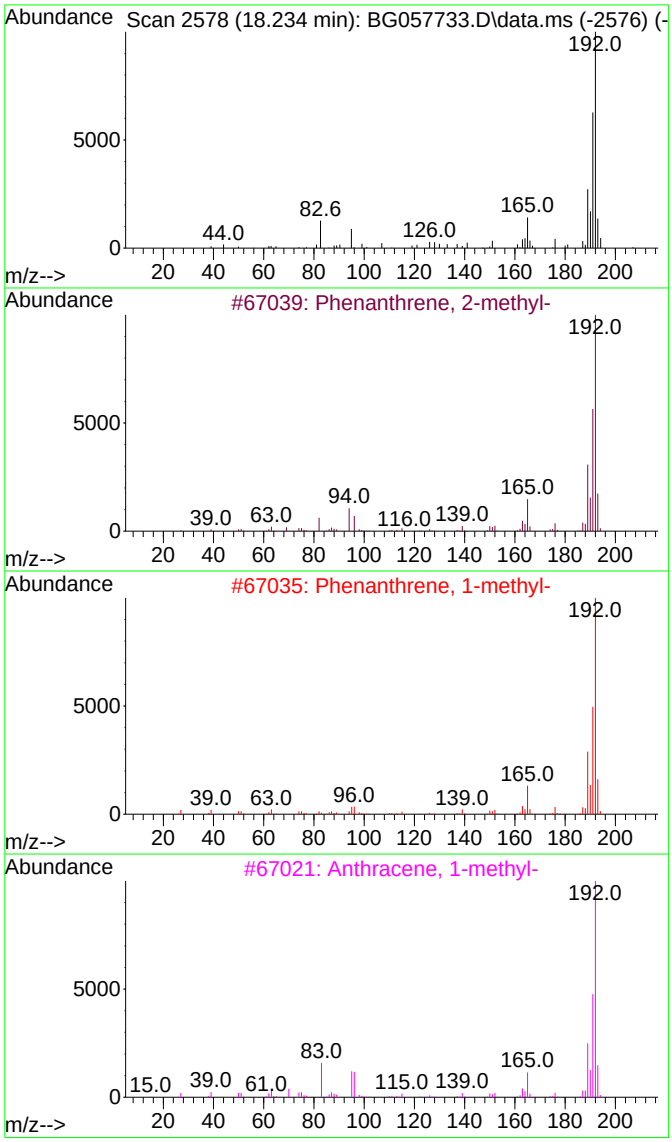
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

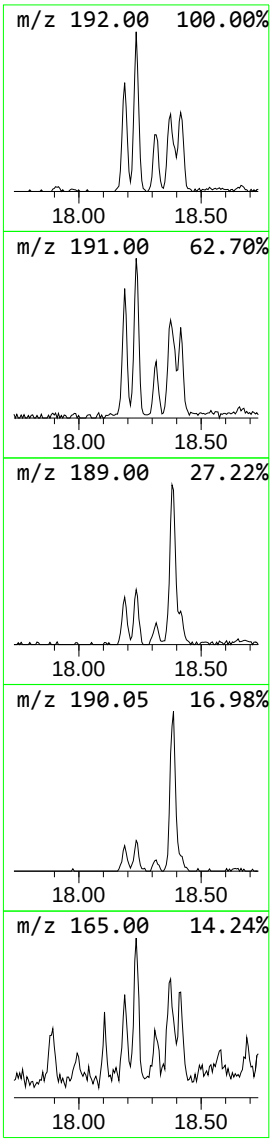
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	3.79 ng	104585	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

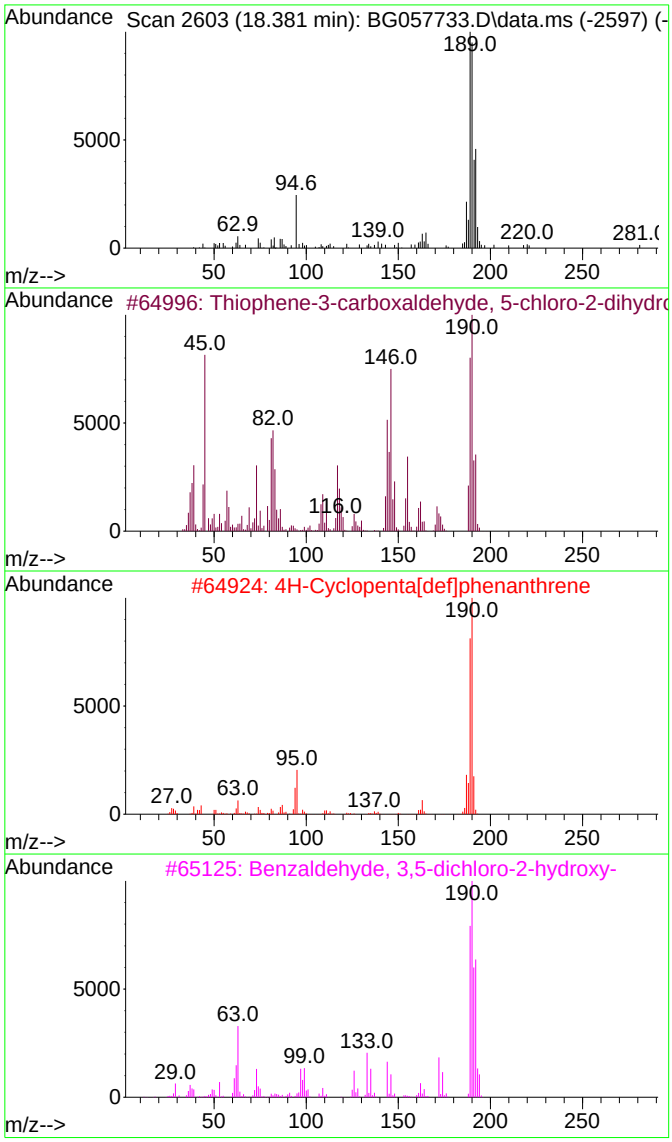
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

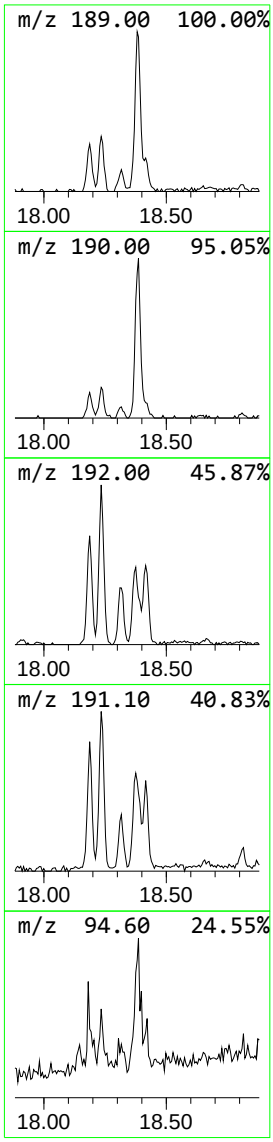
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Thiophene-3-carboxaldehyde,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	4.48 ng	123620	Phenanthrene-d10	17.312

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	60
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

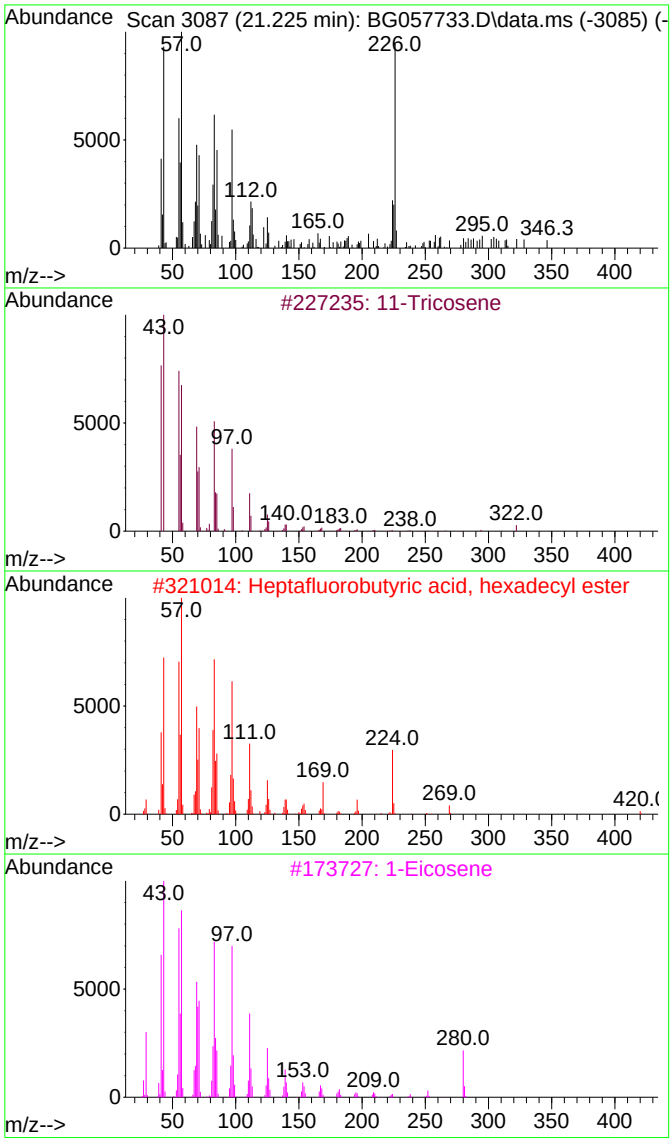
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

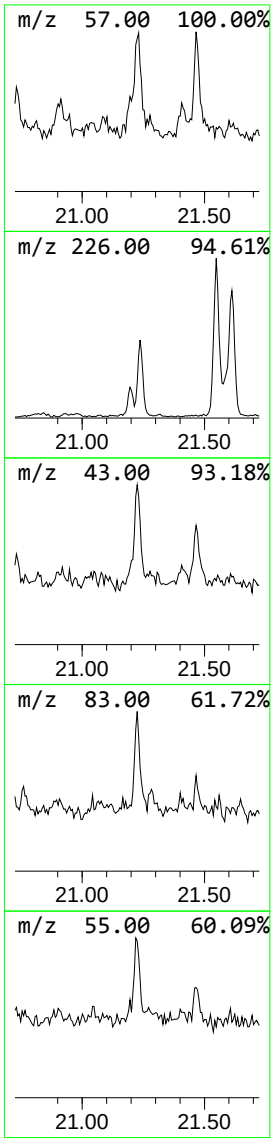
****

Peak Number 9 11-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.225	2.77 ng	137598	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	64
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	53
3	1-Eicosene	280	C20H40	003452-07-1	50
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	50
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

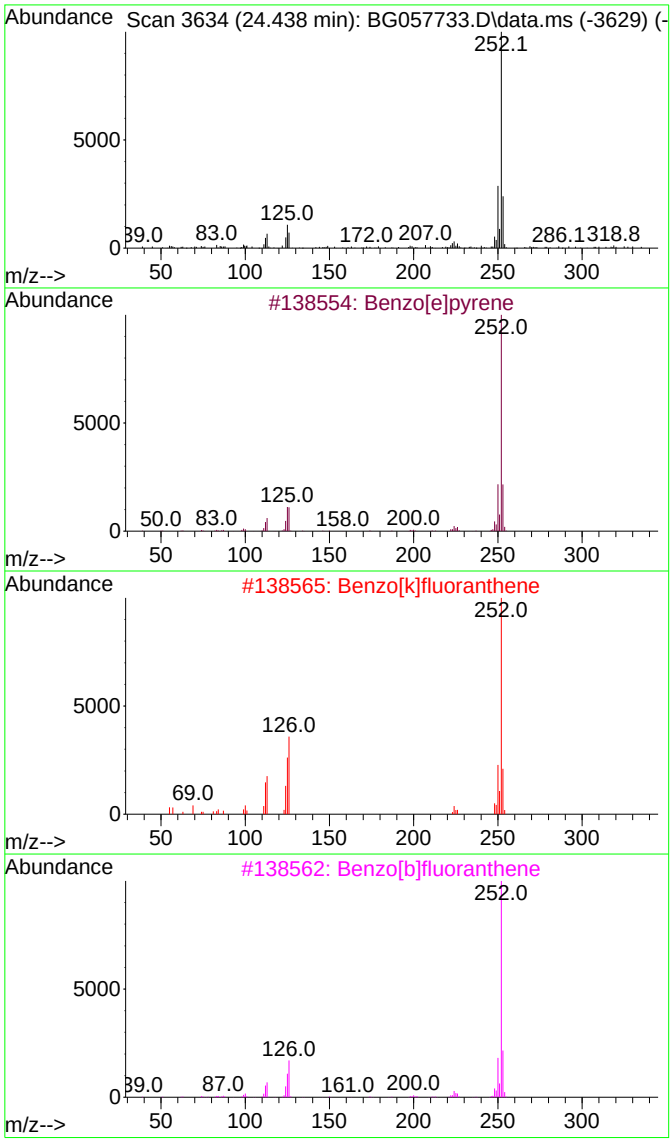
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

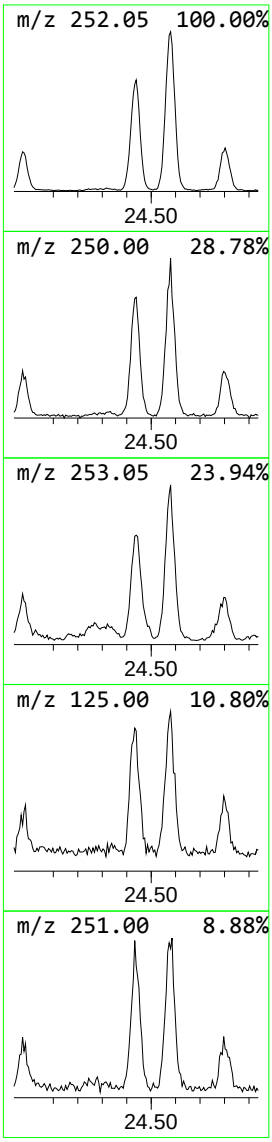
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.439	9.81 ng	260949	Perylene-d12	24.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057733.D
Acq On : 15 Jun 2023 20:57
Operator : CG/JU
Sample : 03222-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.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...	3.140	11.3	ng	139696	1	7.940	248002	20.0
2-Pentanone, 4-...	5.049	4.0	ng	49541	1	7.940	248002	20.0
Benzophenone	15.919	6.4	ng	145182	3	14.568	453013	20.0
5H-Indeno[1,2-b...	17.711	2.2	ng	60719	4	17.312	551595	20.0
n-Hexadecanoic ...	18.199	7.0	ng	192463	4	17.312	551595	20.0
Phenanthrene, 2...	18.234	3.8	ng	104585	4	17.312	551595	20.0
Thiophene-3-car...	18.381	4.5	ng	123620	4	17.312	551595	20.0
11-Tricosene	21.225	2.8	ng	137598	5	21.565	993020	20.0
Benzo[e]pyrene	24.439	9.8	ng	260949	6	24.732	531827	20.0