LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.326	3	6	14	rVB2	13888	22294	1.29%	0.188%
2	5.301	336	342	351	rBV	63816	98379	5.71%	0.831%
3	5.788	418	425	437	rBV	438003	696934	40.44%	5.885%
4	7.410	693	701	714	rBV	417388	745007	43.23%	6.291%
5	8.262	840	846	854	rBV	98788	166945	9.69%	1.410%
6	9.437	1038	1046	1059	rBV	248043	453632	26.32%	3.830%
7	10.835	1277	1284	1307	rBV	35286	79906	4.64%	0.675%
8	11.088	1320	1327	1334	rBV	139640	247590	14.37%	2.091%
9	13.503	1731	1738	1746	rBV	704031	1110219	64.42%	9.374%
10	14.872	1965	1971	1978	rBV	240205	362233	21.02%	3.059%
11	16.352	2217	2223	2237	rBV	582102	925244	53.68%	7.813%
12	17.604	2430	2436	2441	rBV	310165	474261	27.52%	4.005%
13	17.645	2441	2443	2450	rVB	91379	123420	7.16%	1.042%
14	17.739	2450	2459	2463	rBV	26869	44007	2.55%	0.372%
15	18.473	2577	2584	2588	rBV2	38952	74274	4.31%	0.627%
16	18.520	2588	2592	2600	rVV2	40496	68718	3.99%	0.580%
17	18.603	2601	2606	2610	rVV2	14791	25689	1.49%	0.217%
18	18.667	2611	2617	2621	rVV2	36780	80805	4.69%	0.682%
19	18.702	2621	2623	2628	rVB	21046	26535	1.54%	0.224%
20	18.961	2662	2667	2672	rBV	22562	32719	1.90%	0.276%
21	19.014	2672	2676	2680	rVB3	11717	17734	1.03%	0.150%
22	19.366	2729	2736	2742	rBV2	25220	48643	2.82%	0.411%
23	19.431	2742	2747	2751	rBV5	9659	21448	1.24%	0.181%
24	19.519	2757	2762	2774	rVB3	17470	36684	2.13%	0.310%
25	19.637	2776	2782	2788	rBV	289316	413817	24.01%	3.494%
26	19.719	2792	2796	2802	rVB6	17395	32180	1.87%	0.272%
27	19.883	2818	2824	2829	rBV4	9639	22151	1.29%	0.187%
28	19.966	2833	2838	2839	rVV	46213	62056	3.60%	0.524%
29	20.001	2839	2844	2850	rVV	281180	426801	24.76%	3.604%
30	20.060	2850	2854	2861	rVB3	17243	26490	1.54%	0.224%
31	20.177	2869	2874	2880	rBV	1241653	1723501	100.00%	14.553%
32	20.236	2881	2884	2888	rVB	11140	17942	1.04%	0.151%
33	20.318	2892	2898	2904	rVV3	22171	47181	2.74%	0.398%
34	20.453	2914	2921	2923	rBV6	31254	57110	3.31%	0.482%
35	20.483	2923	2926	2930	rVB2	38805	55420	3.22%	0.468%
36	20.577	2939	2942	2946	rBV	23993	31531	1.83%	0.266%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.641	2946	2953	2956	rVV2	32014	51376	2.98%	0.434%
38	20.782	2973	2977	2981	rBV	26173	41866	2.43%	0.354%
39	20.824	2981	2984	2992	rVB	28075	46037	2.67%	0.389%
40	21.252	3053	3057	3066	rVB	27297	49002	2.84%	0.414%
41	21.487	3093	3097	3102	rBV5	27456	42963	2.49%	0.363%
42	21.881	3155	3164	3169	rBV2	350557	783339	45.45%	6.614%
43	21.928	3169	3172	3179	rVB	110924	168925	9.80%	1.426%
44	22.034	3187	3190	3194	rVB4	15898	23812	1.38%	0.201%
45	22.093	3196	3200	3206	rVB	20556	35257	2.05%	0.298%
46	22.645	3290	3294	3301	rVB2	22844	55101	3.20%	0.465%
47	23.068	3362	3366	3374	rVB4	21224	42692	2.48%	0.360%
48	24.190	3549	3557	3575	rVB	81008	412590	23.94%	3.484%
49	24.948	3680	3686	3700	rVB	54085	172804	10.03%	1.459%
50	25.107	3705	3713	3724	rVB	78797	228649	13.27%	1.931%
51	25.271	3729	3741	3750	rBV2	182092	571753	33.17%	4.828%
52	26.417	3930	3936	3944	rVB4	26500	77898	4.52%	0.658%
53	29.167	4396	4404	4419	rVB4	31540	139487	8.09%	1.178%

Sum of corrected areas: 11843051

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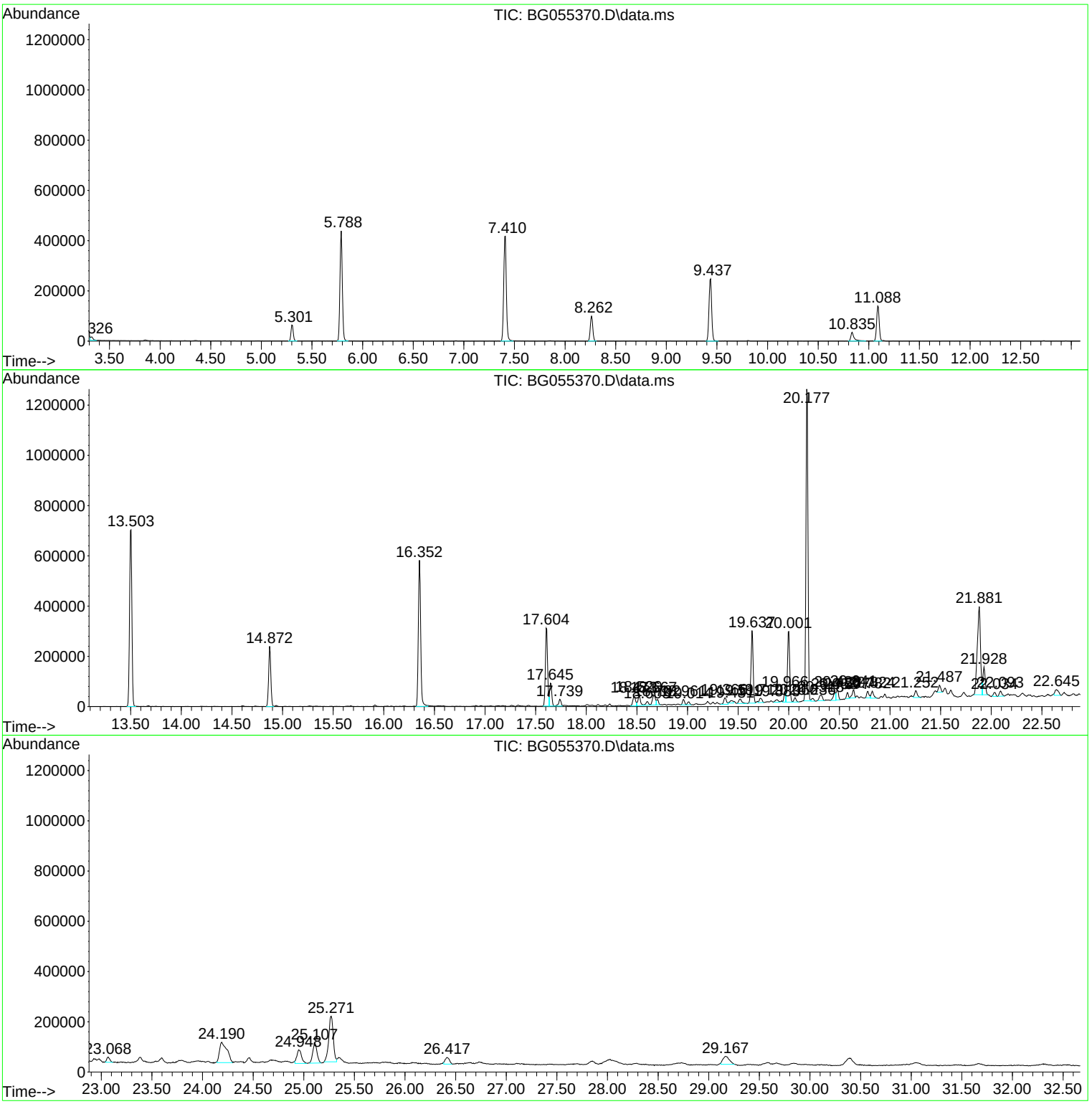
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

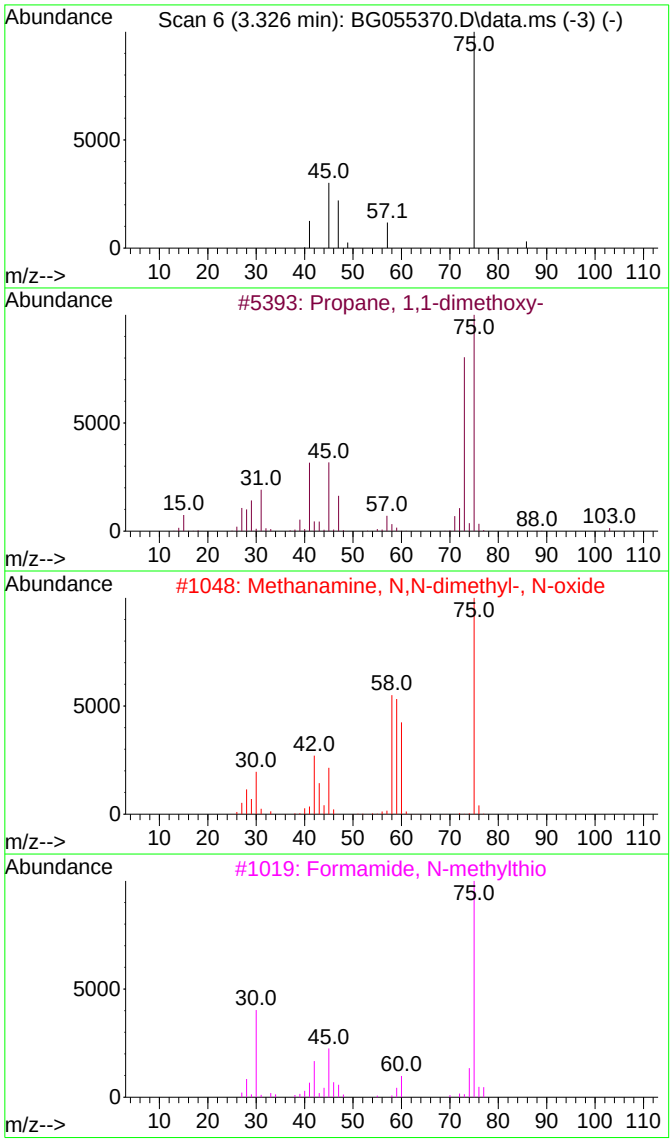
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

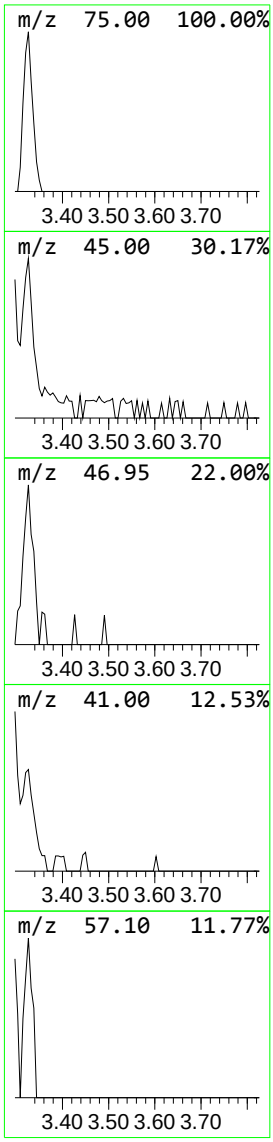
****

Peak Number 1 unknown3.326 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.326	2.67 ng	22294	1,4-Dichlorobenzene-d4	8.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9
2	Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	4
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	4
4	Glycine	75	C2H5NO2	000056-40-6	4
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

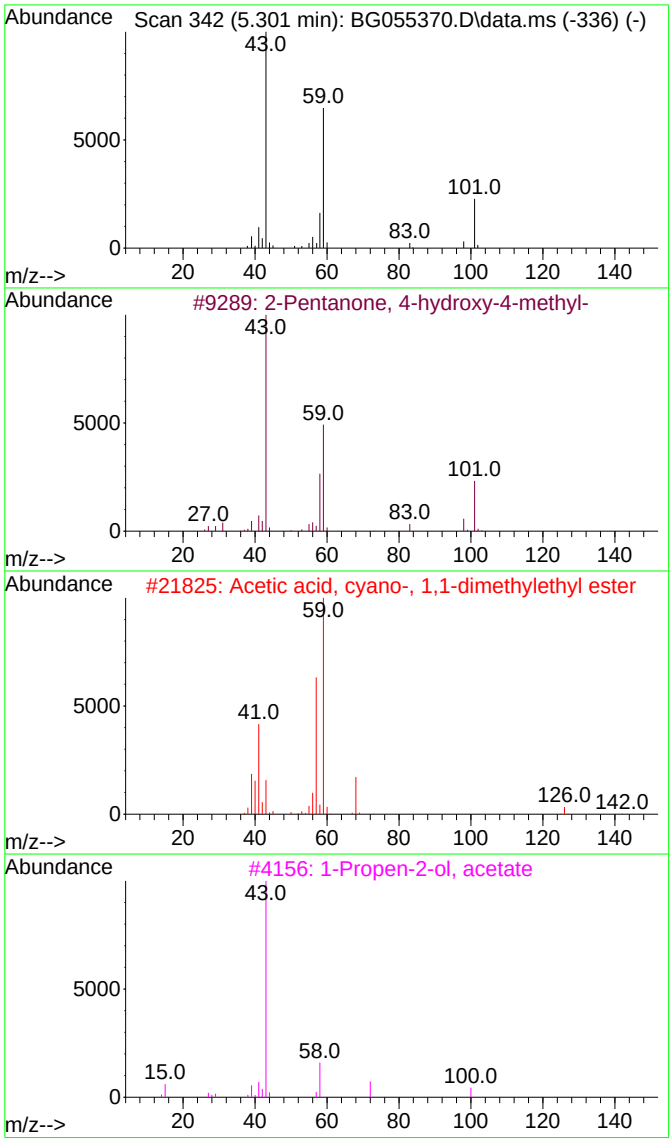
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

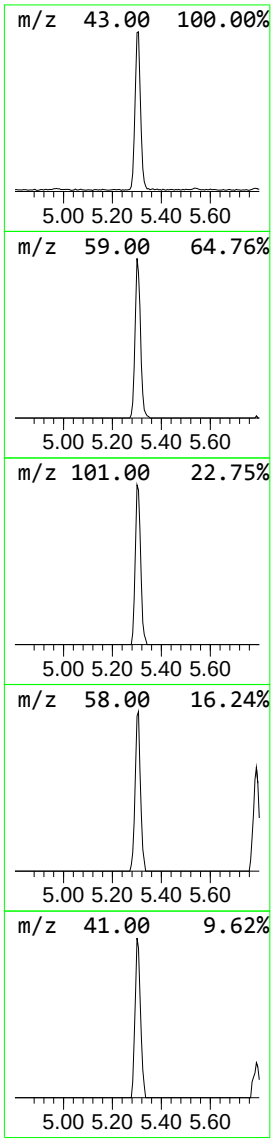
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.301	11.79 ng	98379	1,4-Dichlorobenzene-d4	8.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

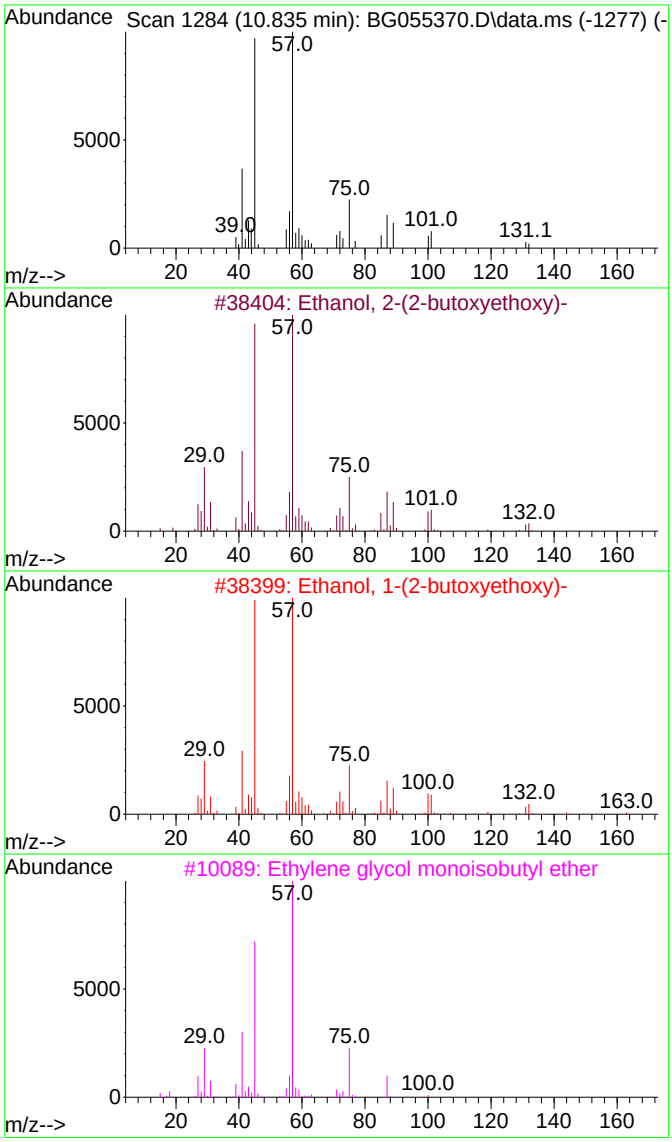
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

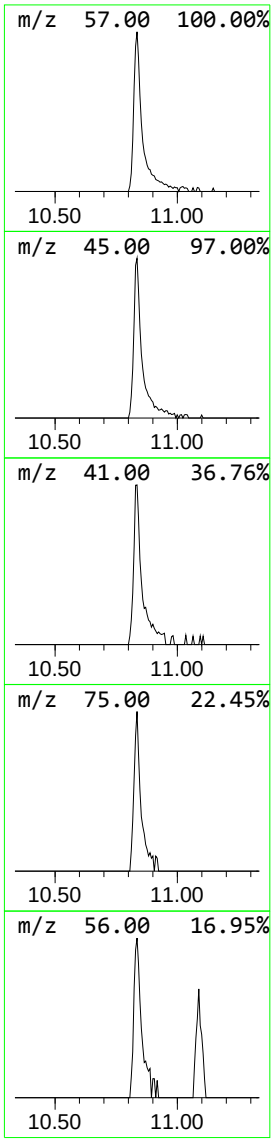
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.835	6.45 ng	79906	Naphthalene-d8	11.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

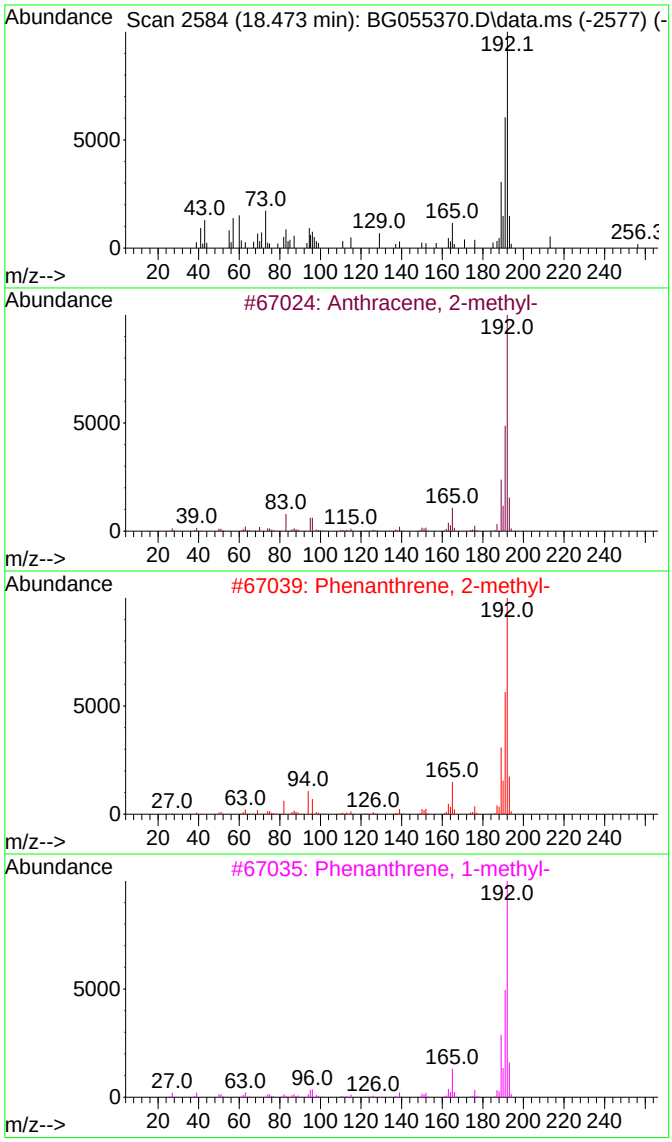
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

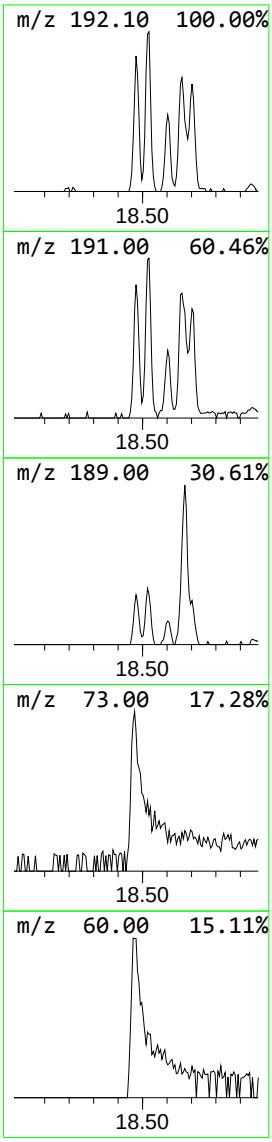
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.473	3.13 ng	74274	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

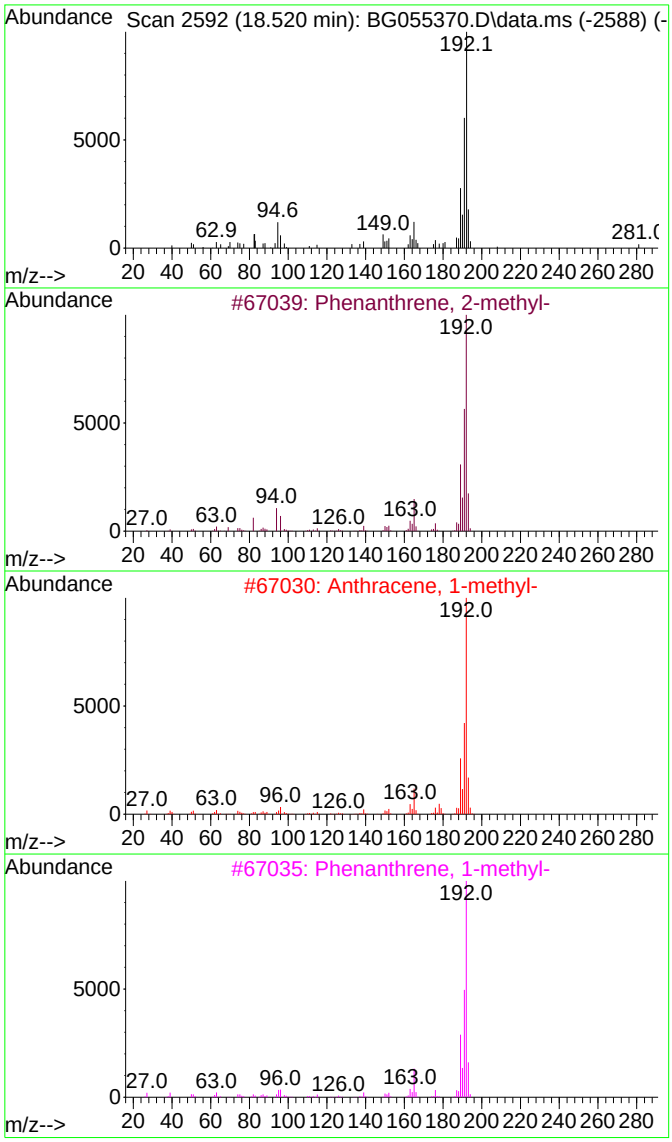
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

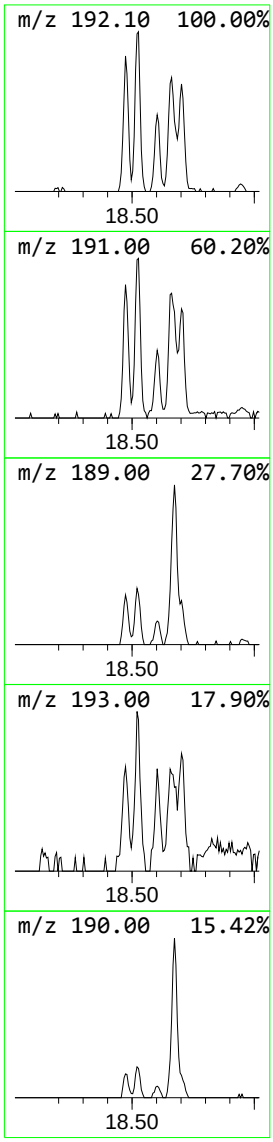
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	2.90 ng	68718	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

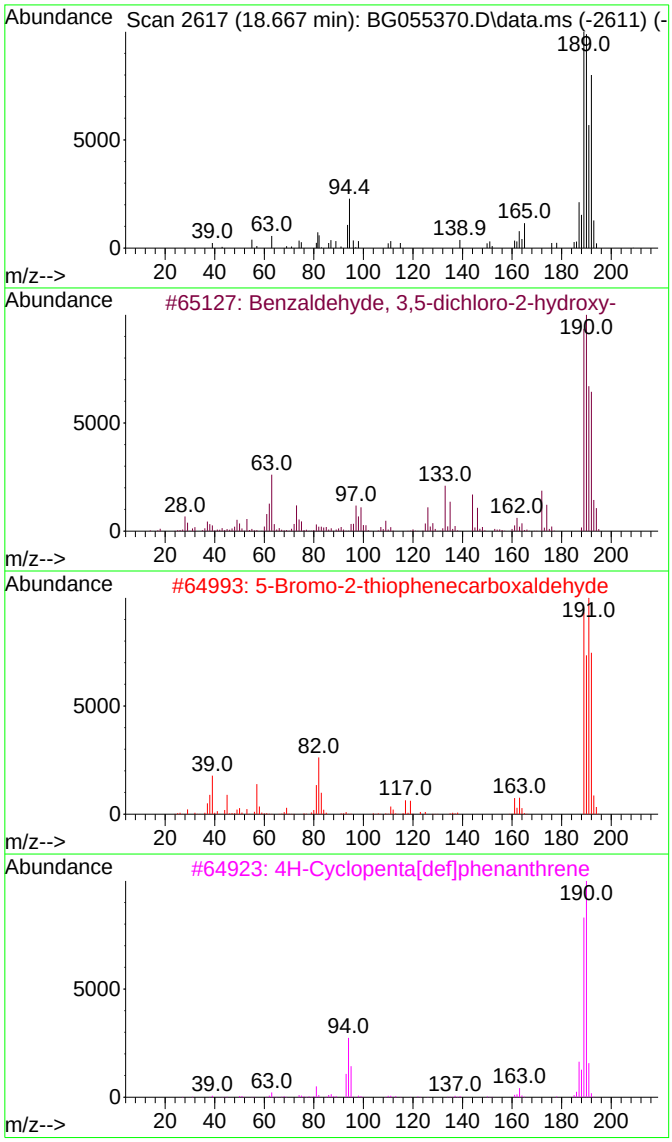
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

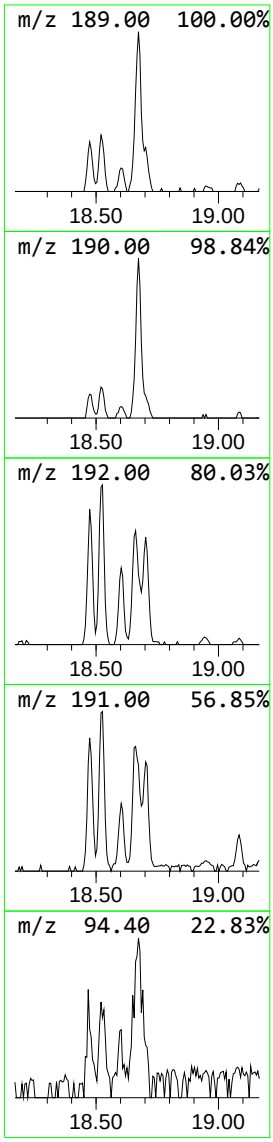
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.667	3.41 ng	80805	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

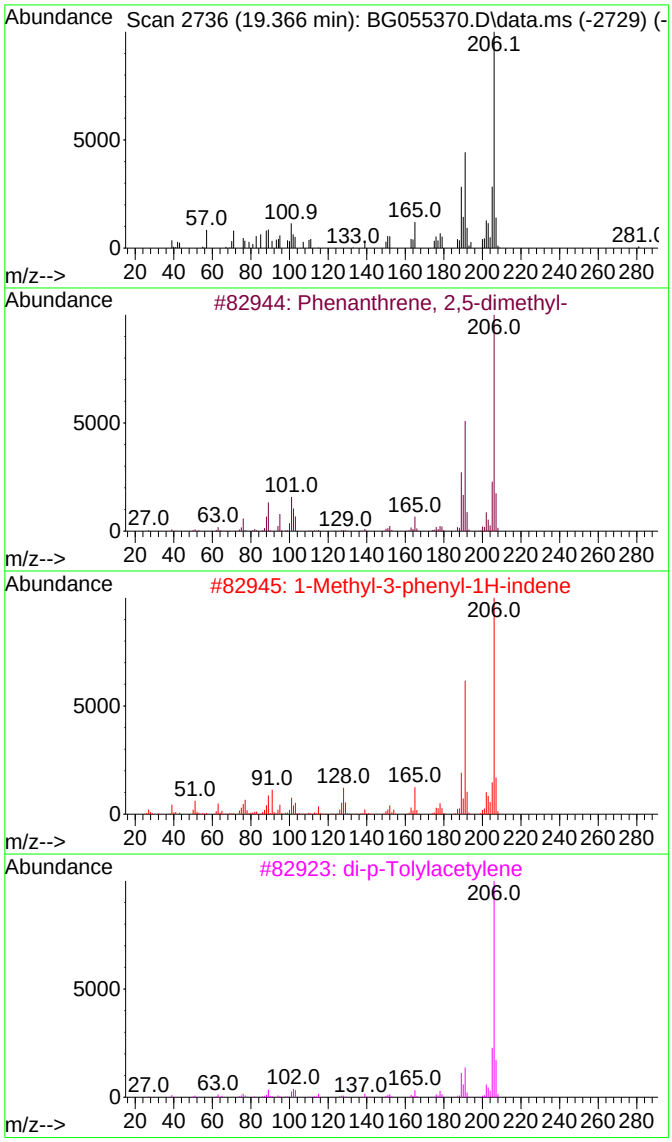
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

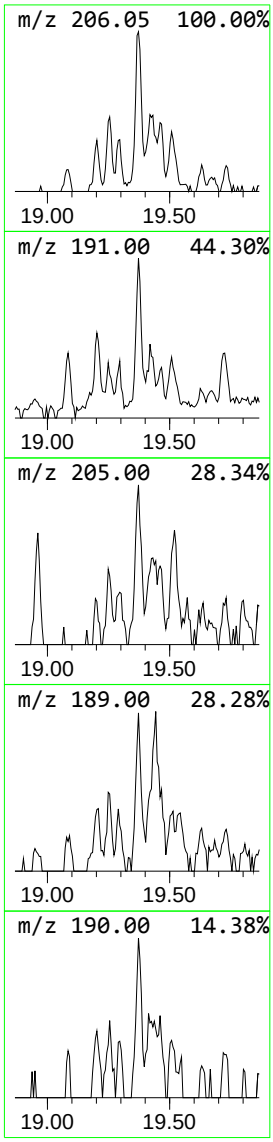
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	2.05 ng	48643	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

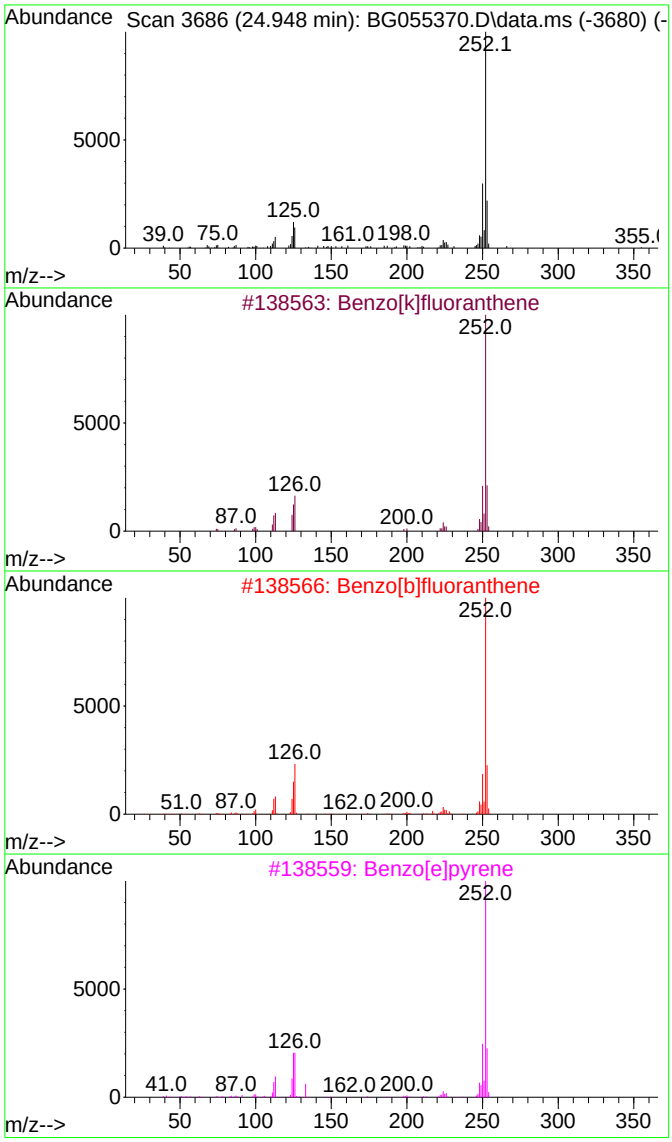
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

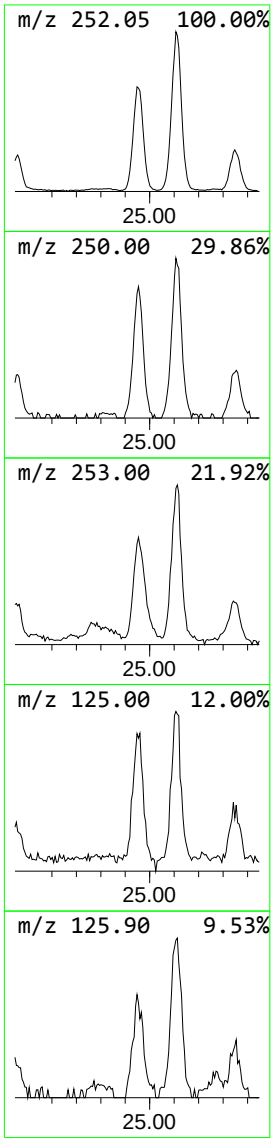
****

Peak Number 8 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.948	6.04 ng	172804	Perylene-d12	25.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

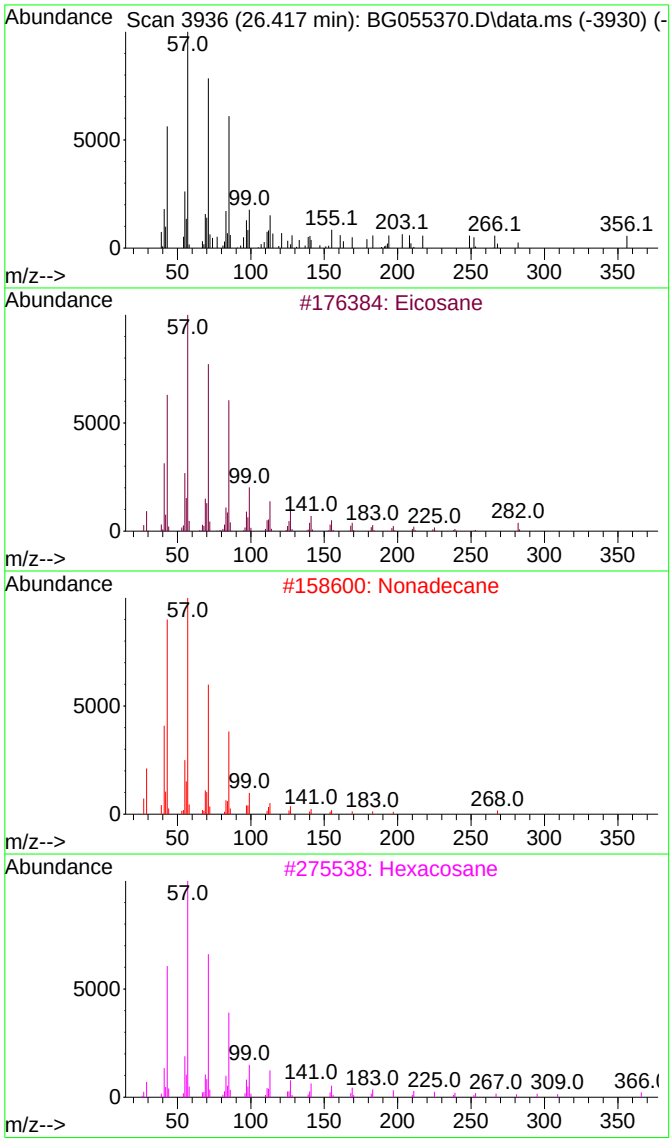
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

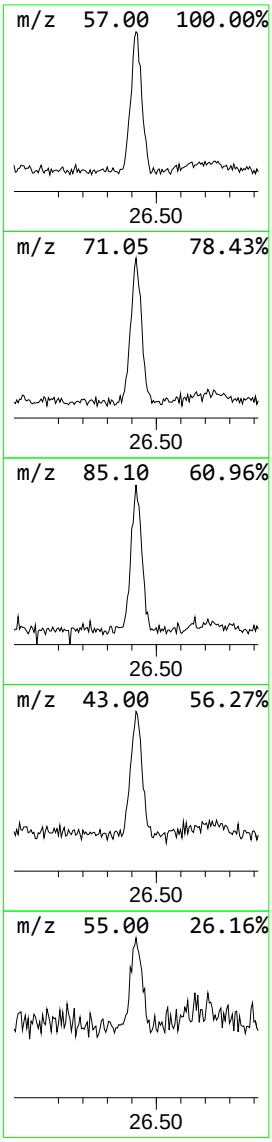
****

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.417	2.72 ng	77898	Perylene-d12	25.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexacosane	366	C26H54	000630-01-3	74
4	Hentriacontane	437	C31H64	000630-04-6	74
5	Octacosane	394	C28H58	000630-02-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055370.D
Acq On : 29 Oct 2022 18:09
Operator : CG/JU
Sample : N5316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NE-QUARTER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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
unknown3.326	3.326	2.7	ng	22294	1	8.262	166945	20.0
2-Pentanone, 4-...	5.301	11.8	ng	98379	1	8.262	166945	20.0
Ethanol, 2-(2-b...	10.835	6.5	ng	79906	2	11.088	247590	20.0
Anthracene, 2-m...	18.473	3.1	ng	74274	4	17.604	474261	20.0
Phenanthrene, 2...	18.520	2.9	ng	68718	4	17.604	474261	20.0
Benzaldehyde, 3...	18.667	3.4	ng	80805	4	17.604	474261	20.0
Phenanthrene, 2...	19.366	2.0	ng	48643	4	17.604	474261	20.0
Perylene	24.948	6.0	ng	172804	6	25.271	571753	20.0
Eicosane	26.417	2.7	ng	77898	6	25.271	571753	20.0