LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0205-COMP-F(DISCRETE-CL-05)

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.167	17	22	34	rVB	230026	391423	12.47%	1.833%
2	3.290	38	43	51	rVB2	116400	172531	5.50%	0.808%
3	5.200	363	368	379	rVB	92891	149481	4.76%	0.700%
4	5.676	442	449	456	rBV	947020	1579991	50.35%	7.400%
5	5.740	456	460	471	rVB	32417	76599	2.44%	0.359%
6	6.287	547	553	563	rBV3	15633	31508	1.00%	0.148%
7	7.280	713	722	732	rBV	967600	1779828	56.72%	8.336%
8	8.120	858	865	873	rVB	155524	266233	8.48%	1.247%
9	9.289	1056	1064	1077	rVB	605145	1114562	35.52%	5.220%
10	10.705	1297	1305	1316	rBV	555382	931747	29.69%	4.364%
11	10.946	1337	1346	1352	rBV	197681	374882	11.95%	1.756%
12	13.384	1754	1761	1769	rVB	1452828	2315322	73.78%	10.844%
13	13.655	1801	1807	1813	rBV	62904	102220	3.26%	0.479%
14	14.095	1876	1882	1887	rBV	47435	70271	2.24%	0.329%
15	14.759	1989	1995	2003	rVB	332926	537072	17.11%	2.515%
16	16.157	2228	2233	2238	rBV2	79679	119761	3.82%	0.561%
17	16.252	2242	2249	2261	rVV	1154663	1815627	57.86%	8.504%
18	17.256	2413	2420	2424	rBV6	18713	35469	1.13%	0.166%
19	17.509	2457	2463	2468	rBV	415359	626887	19.98%	2.936%
20	17.550	2468	2470	2474	rVB2	26131	34219	1.09%	0.160%
21	17.626	2479	2483	2491	rVB3	95273	166571	5.31%	0.780%
22	18.173	2570	2576	2584	rVB2	107233	185834	5.92%	0.870%
23	18.396	2609	2614	2618	rBV2	109541	159054	5.07%	0.745%
24	18.437	2618	2621	2625	rVB	37561	53371	1.70%	0.250%
25	18.514	2629	2634	2640	rBV	36654	64984	2.07%	0.304%
26	18.584	2640	2646	2650	rBV3	46638	92058	2.93%	0.431%
27	18.878	2692	2696	2700	rVB	25242	38458	1.23%	0.180%
28	19.213	2749	2753	2758	rVB8	27063	43421	1.38%	0.203%
29	19.307	2761	2769	2771	rVV6	54501	117705	3.75%	0.551%
30	19.342	2771	2775	2786	rVB3	191450	315928	10.07%	1.480%
31	19.471	2794	2797	2800	rVB3	37529	35999	1.15%	0.169%
32	19.559	2806	2812	2818	rVB	323227	464360	14.80%	2.175%
33	19.659	2825	2829	2833	rBV5	45216	64592	2.06%	0.303%
34	19.712	2835	2838	2841	rVB	31529	37926	1.21%	0.178%
35	19.888	2863	2868	2870	rBV	86438	132360	4.22%	0.620%
36	19.918	2870	2873	2881	rVV	239300	373730	11.91%	1.750%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0205-COMP-F(DISCRETE-CL-05)

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.988	2882	2885	2892	rVB4	28686	50140	1.60%	0.235%
38	20.118	2900	2907	2913	rBV	2346387	3138161	100.00%	14.698%
39	20.241	2922	2928	2929	rBV3	42918	65624	2.09%	0.307%
40	20.411	2953	2957	2963	rVB	112431	174853	5.57%	0.819%
41	20.511	2970	2974	2978	rBV	92392	124845	3.98%	0.585%
42	20.570	2978	2984	2987	rBV2	50355	88804	2.83%	0.416%
43	20.758	3011	3016	3019	rBV3	33200	53760	1.71%	0.252%
44	20.875	3034	3036	3040	rVB2	42323	43538	1.39%	0.204%
45	21.440	3125	3132	3136	rBV4	49729	121331	3.87%	0.568%
46	21.692	3171	3175	3179	rVB	67476	105145	3.35%	0.492%
47	21.798	3185	3193	3199	rBV2	432114	1051563	33.51%	4.925%
48	21.851	3199	3202	3212	rVB	146011	251650	8.02%	1.179%
49	24.083	3575	3582	3590	rBV2	77209	271311	8.65%	1.271%
50	24.977	3727	3734	3749	rVB	91429	253133	8.07%	1.186%
51	25.141	3752	3762	3770	rBV2	232239	685244	21.84%	3.209%

Sum of corrected areas: 21351086

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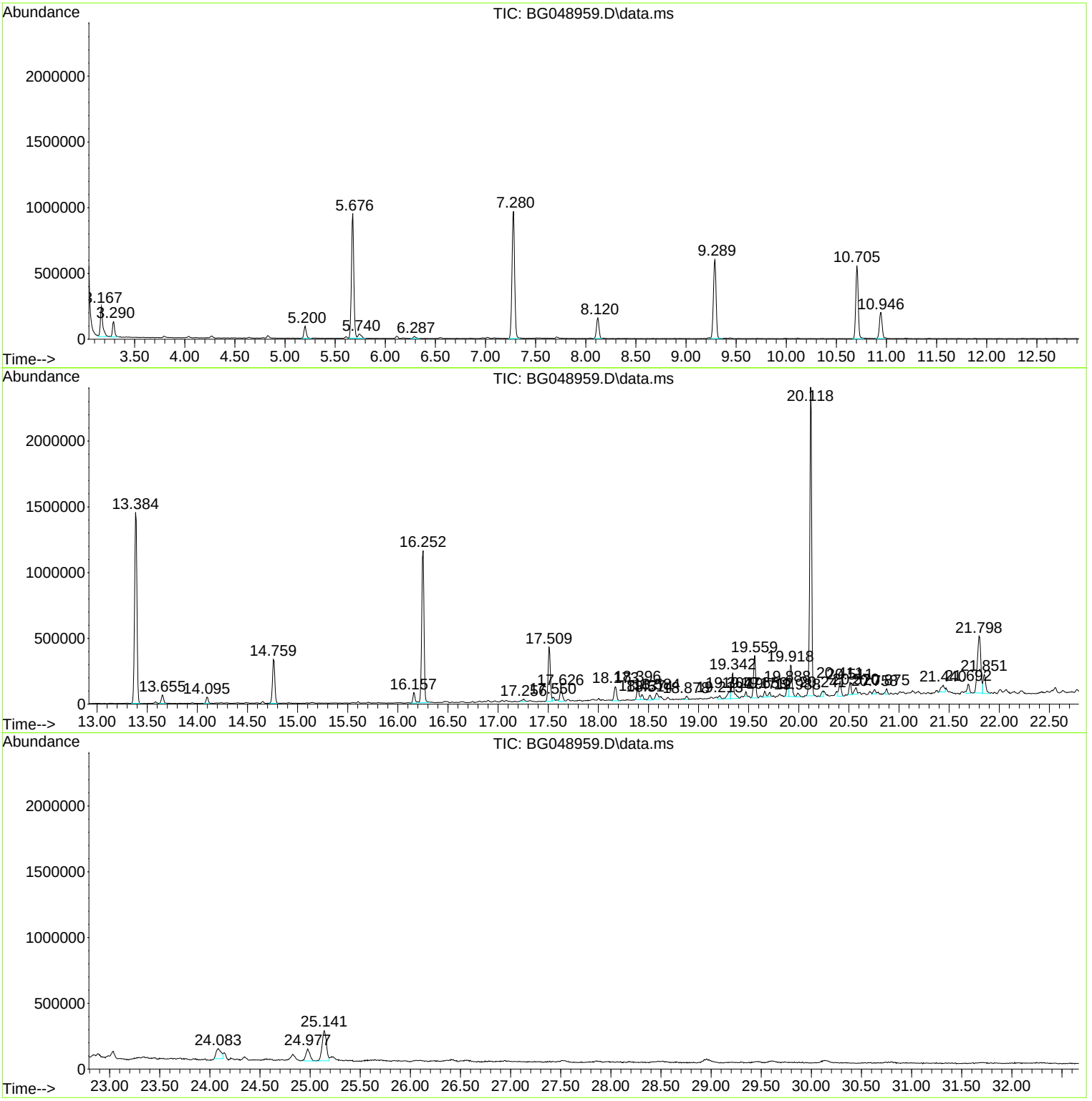
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

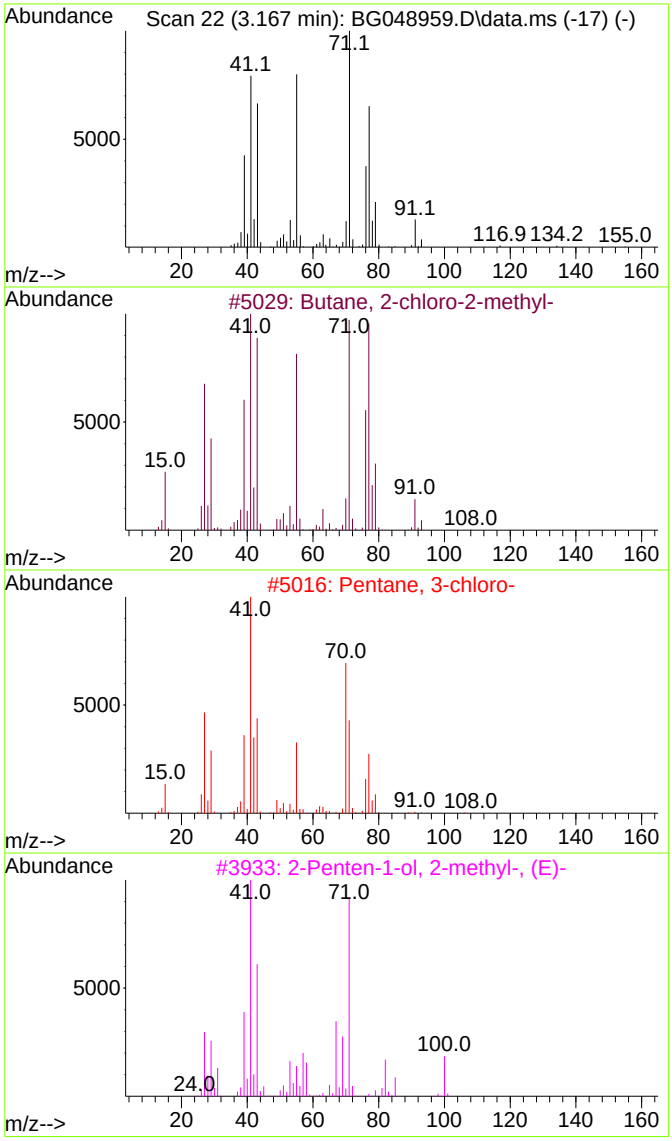
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

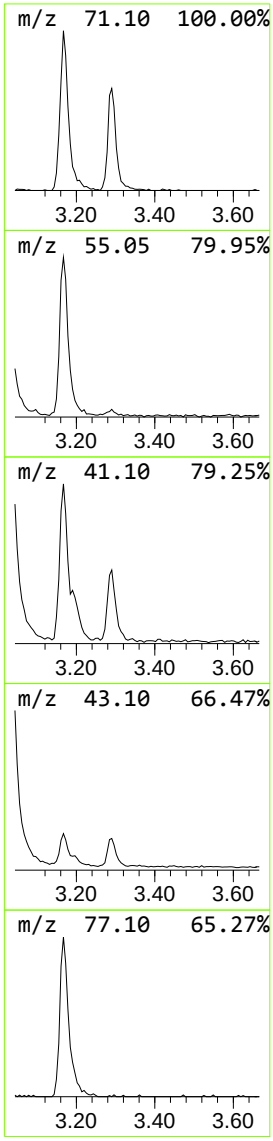
****

Peak Number 1 Butane, 2-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.167	29.40 ng	391423	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	72
2	Pentane, 3-chloro-	106	C5H11Cl	000616-20-6	42
3	2-Penten-1-ol, 2-methyl-, (E)-	100	C6H12O	016958-19-3	32
4	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	32
5	Butanoyl chloride	106	C4H7ClO	000141-75-3	27





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Data File : BG048959.D
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Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

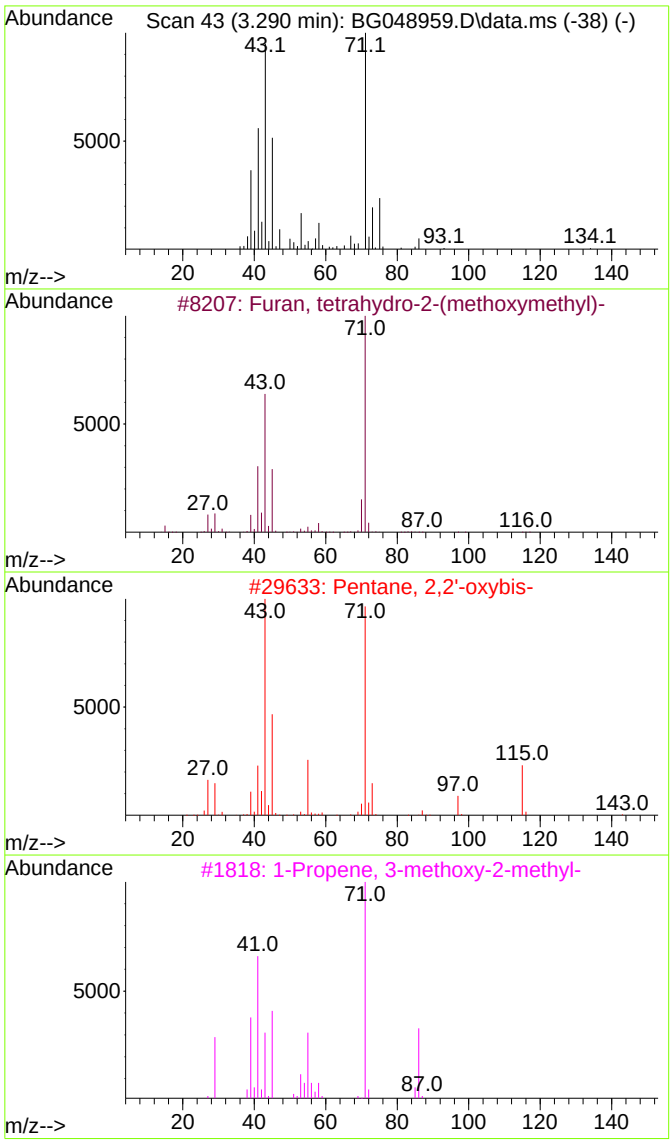
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

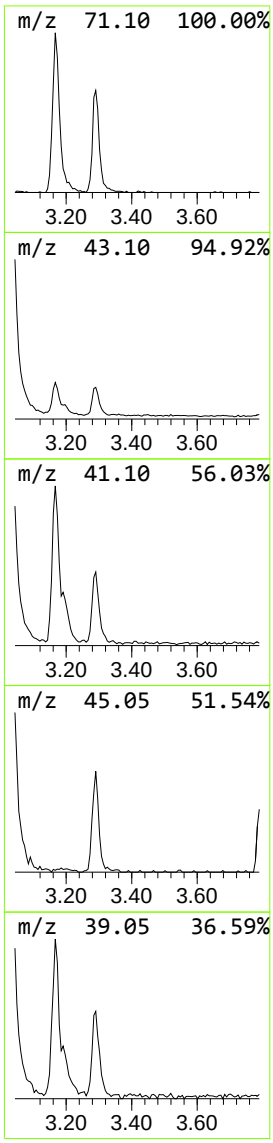
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.290	12.96 ng	172531	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	58
2	Pentane, 2,2'-oxybis-	158	C10H22O	056762-00-6	53
3	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	53
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
5	Butane, 2,2'-[methylenebis(oxy)]...	188	C11H24O2	054699-28-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
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Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

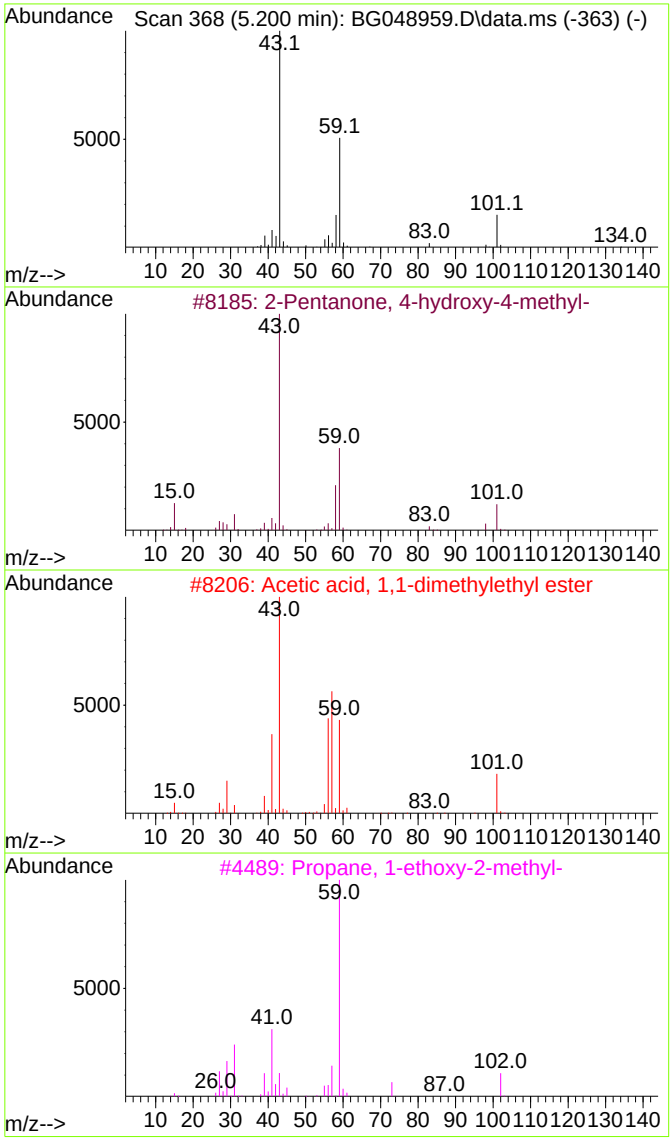
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

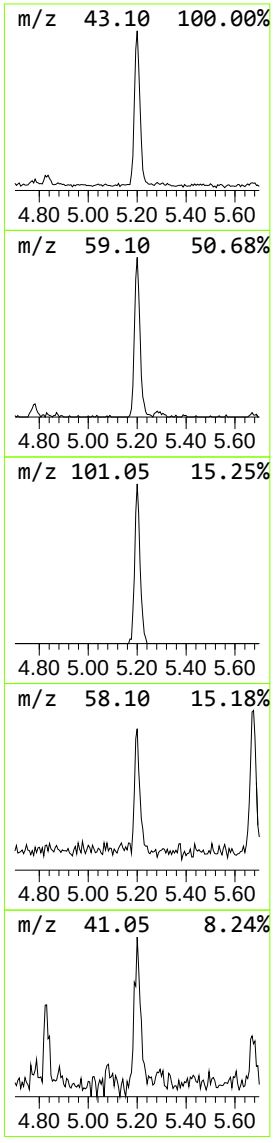
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.200	11.23 ng	149481	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
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Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

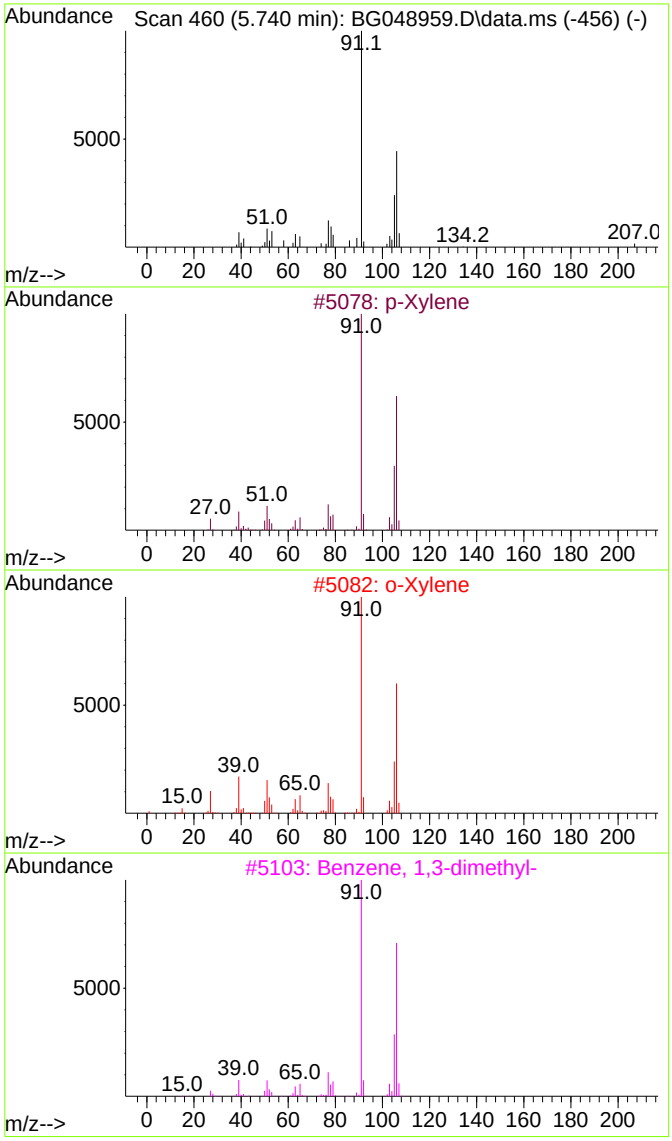
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

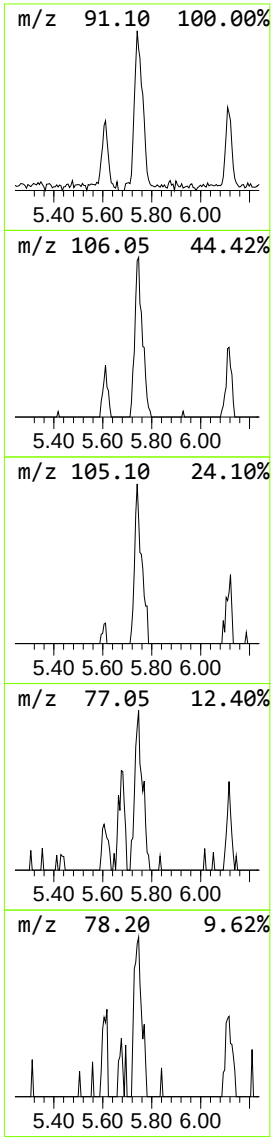
****

Peak Number 4 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.740	5.75 ng	76599	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	91
2	o-Xylene	106	C8H10	000095-47-6	91
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
4	Ethylbenzene	106	C8H10	000100-41-4	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64





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Instrument :
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ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

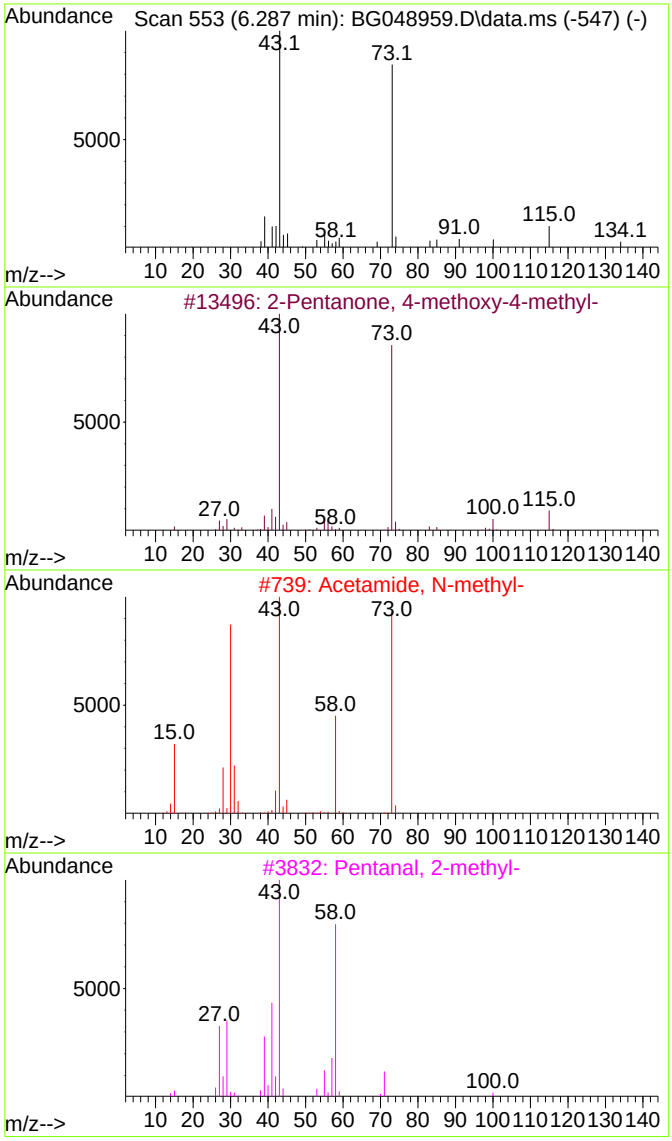
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

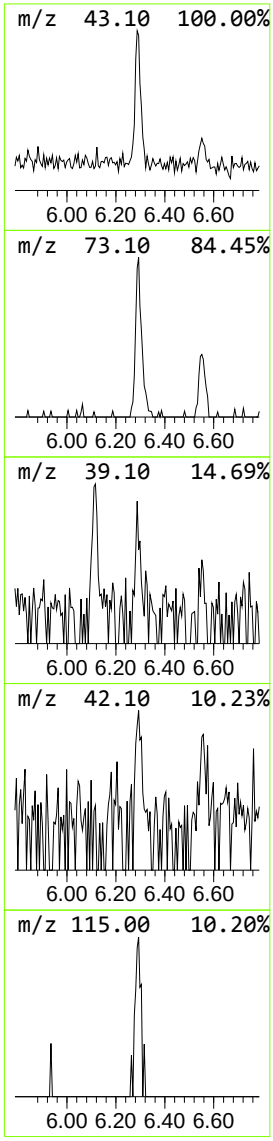
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.287	2.37 ng	31508	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	59
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	35
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
5	2-Methyl-2,4-dimethoxybutane	132	C7H16O2	039836-89-0	12





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Sample : M2678-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

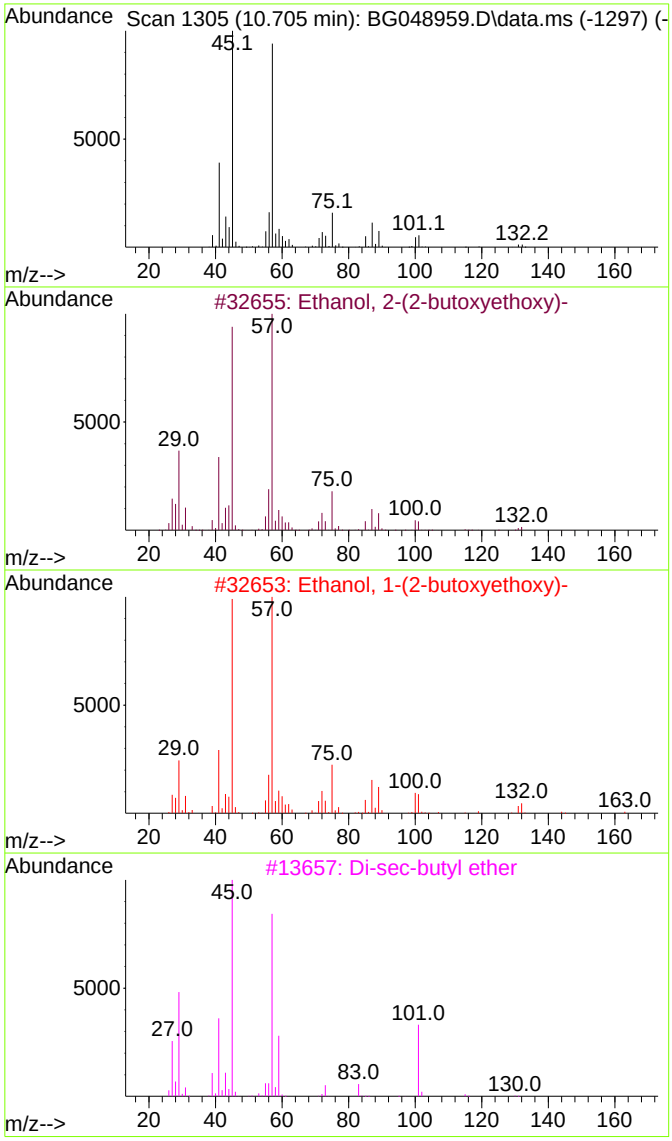
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

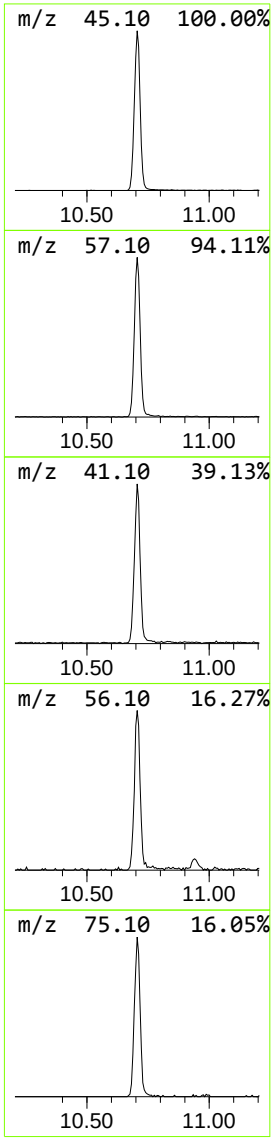
****

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.705	49.71 ng	931747	Naphthalene-d8	10.946

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	Di-sec-butyl ether	130	C8H18O	006863-58-7	59
4	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	47
5	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	47





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Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

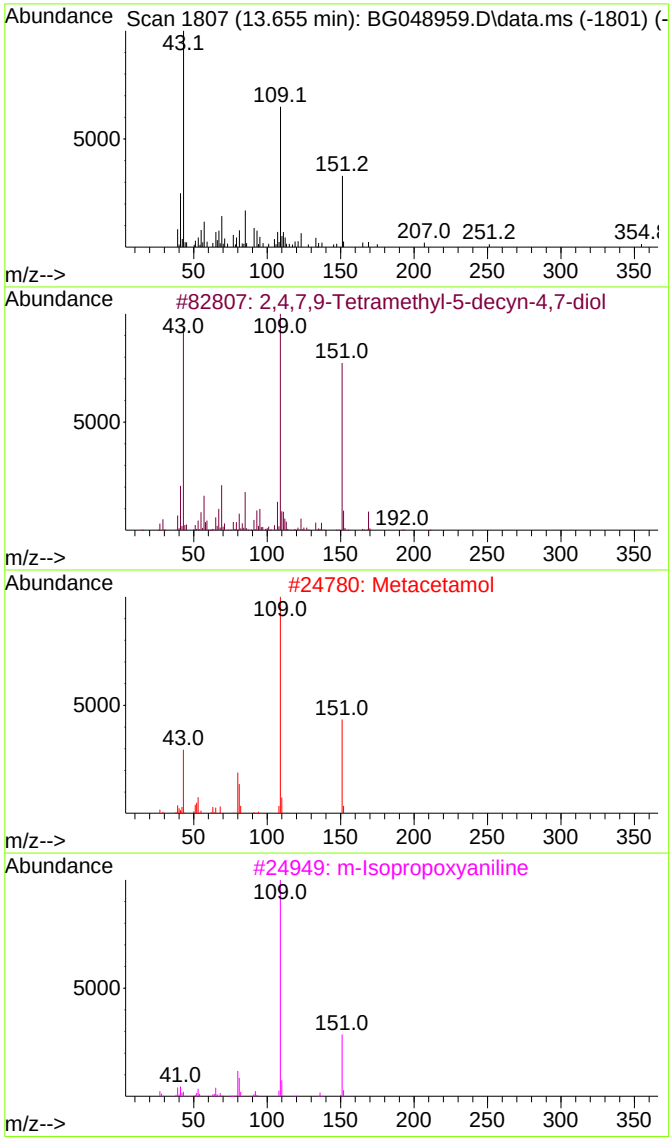
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

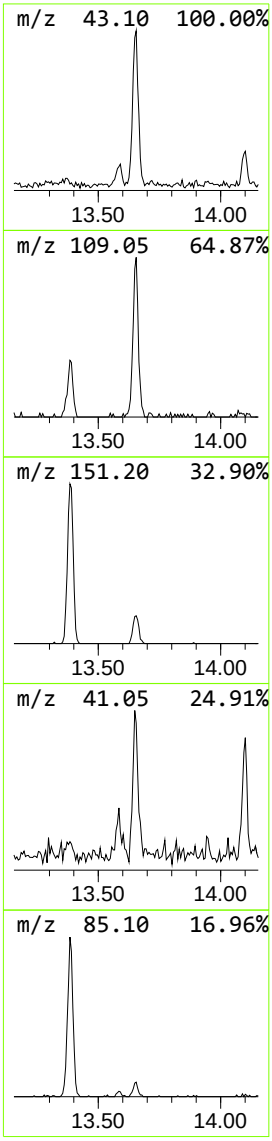
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	3.81 ng	102220	Acenaphthene-d10	14.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	52
4	Tiocarlide	400	C23H32N2O2S	000910-86-1	50
5	Acetaminophen	151	C8H9NO2	000103-90-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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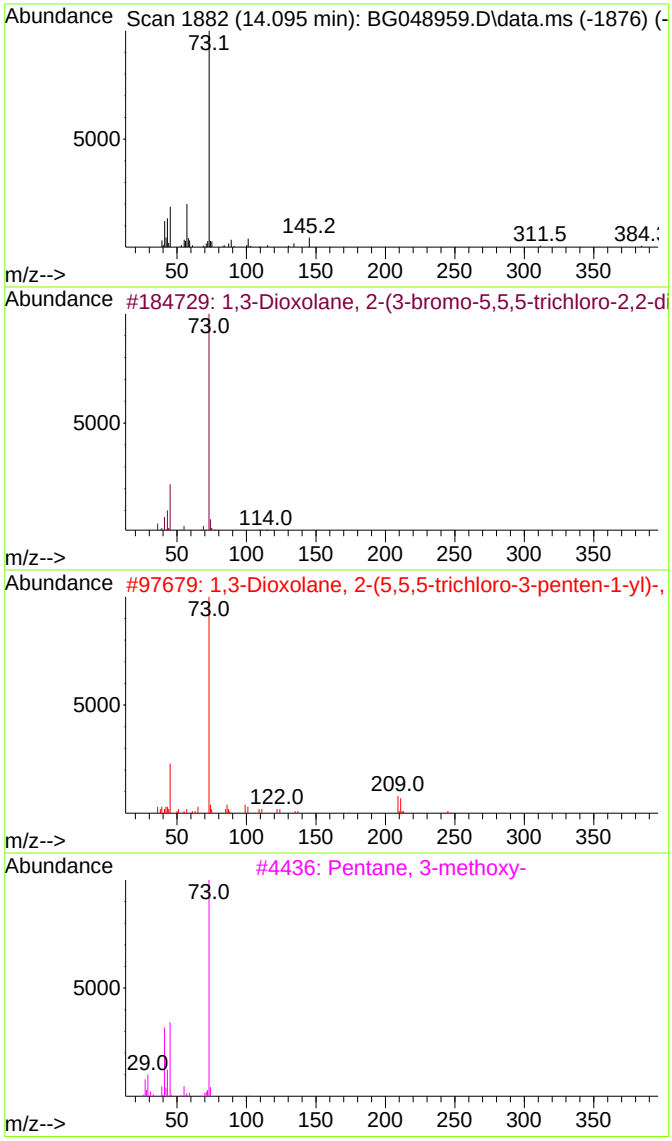
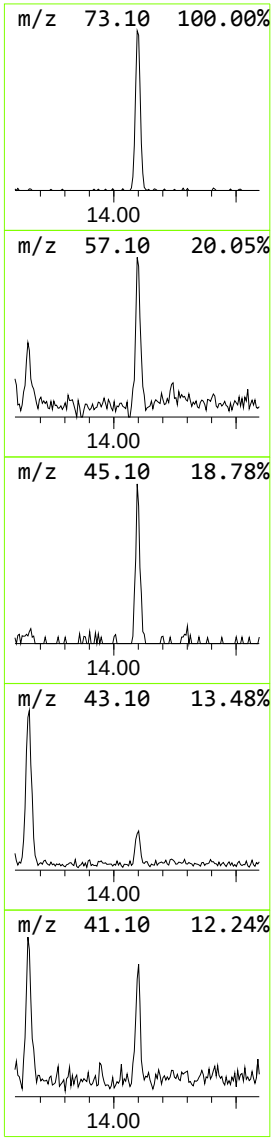
****

Peak Number 8 unknown14.095 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	2.62 ng	70271	Acenaphthene-d10	14.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	38
2	1,3-Dioxolane, 2-(5,5,5-trichlor...	244	C8H11Cl3O2	1000115-31-1	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





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Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

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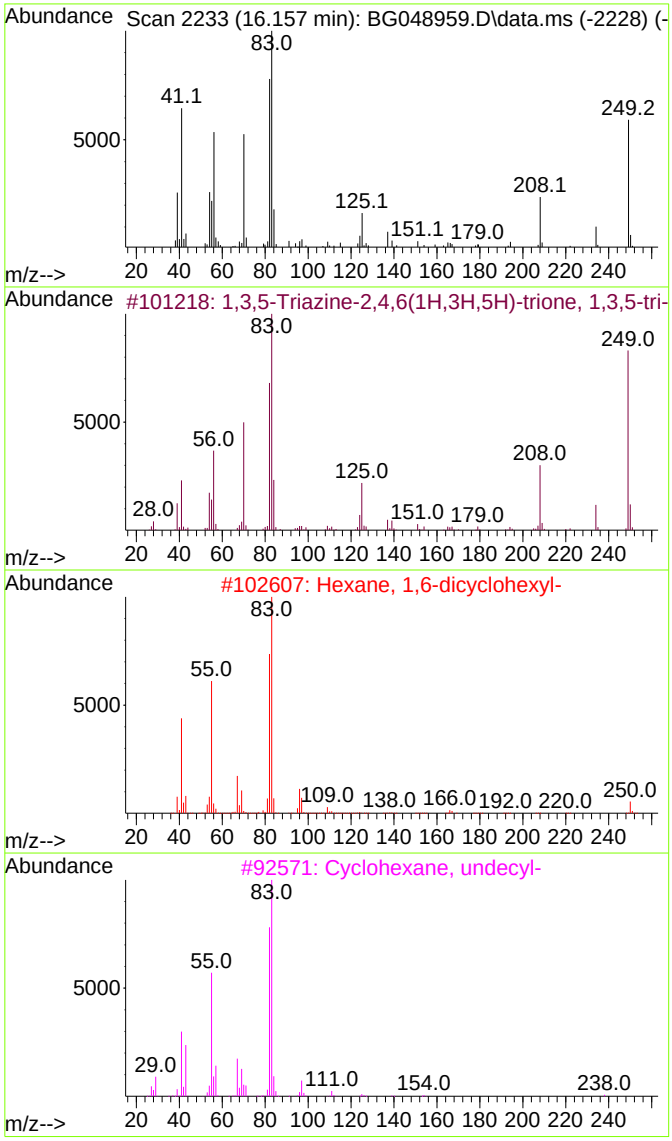
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

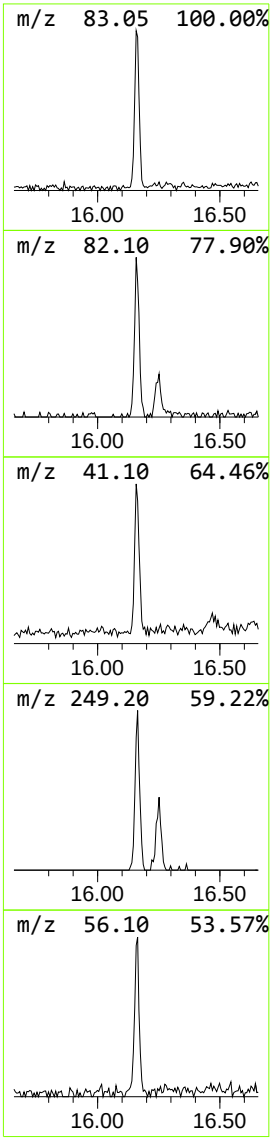
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	3.82 ng	119761	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	87
2	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	38
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	32
4	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	32
5	N-Carboxy-1-[4-chlorophenyl]-2-[...	295	C15H18ClNO3	058158-38-6	25





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Sample : M2678-02
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ALS Vial : 18 Sample Multiplier: 1

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BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

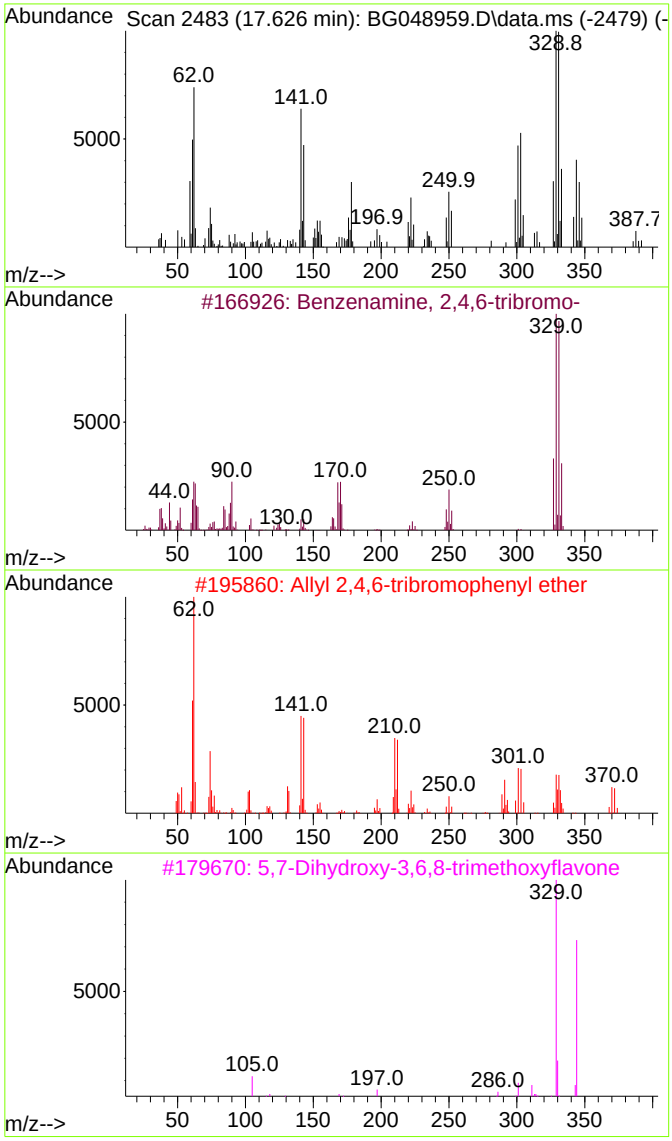
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

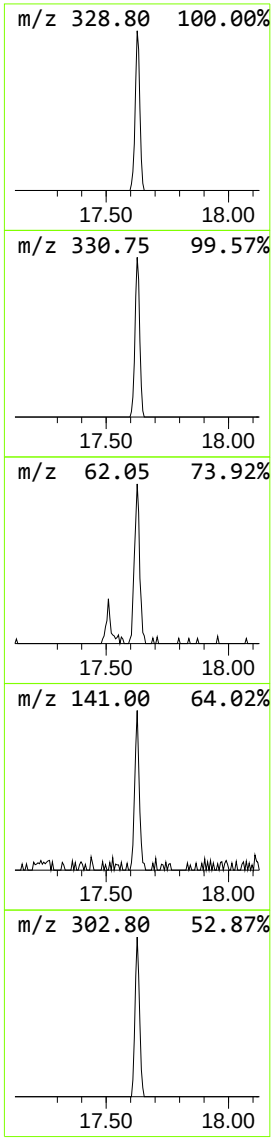
****

Peak Number 10 unknown17.626 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.626	5.31 ng	166571	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	30
2	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	25
3	5,7-Dihydroxy-3,6,8-trimethoxyfl...	344	C18H16O7	071479-92-0	22
4	1H-Pyrazolo[4,3-c]pyridazin-3-ol...	388	C22H20N4O3	035426-81-4	17
5	Triethylphosphine	118	C6H15P	000554-70-1	17





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Sample : M2678-02
Misc :
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ClientSampleId :
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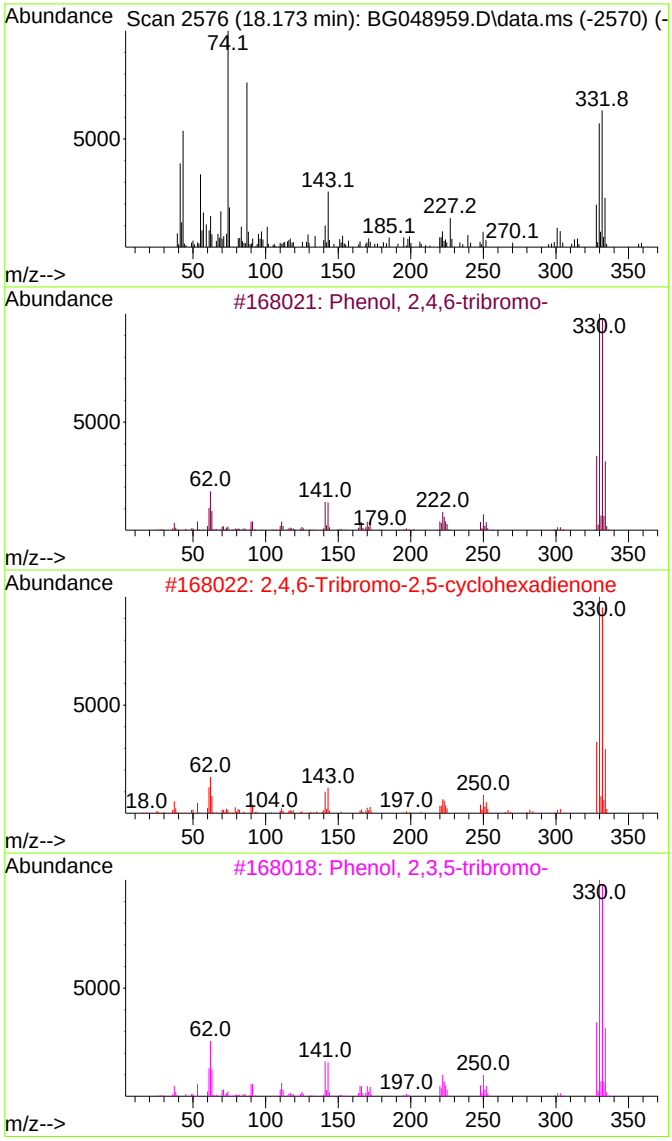
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

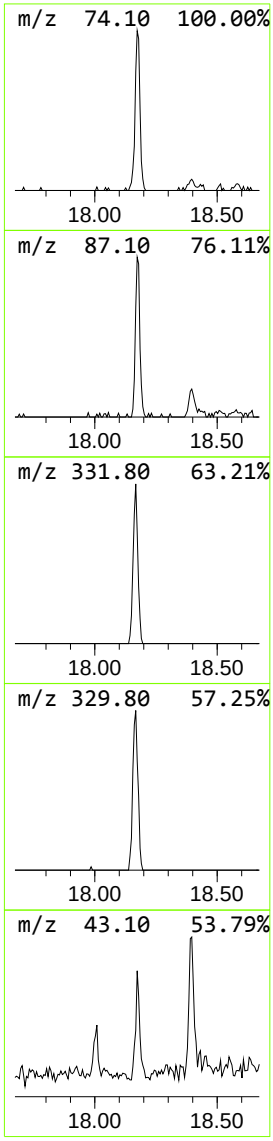
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,6-Tribromo-2,5-cyclohex... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.173	5.93 ng	185834	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	97
2	2,4,6-Tribromo-2,5-cyclohexadienone	328	C6H3Br3O	020244-61-5	95
3	Phenol, 2,3,5-tribromo-	328	C6H3Br3O	057383-81-0	95
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	43





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Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

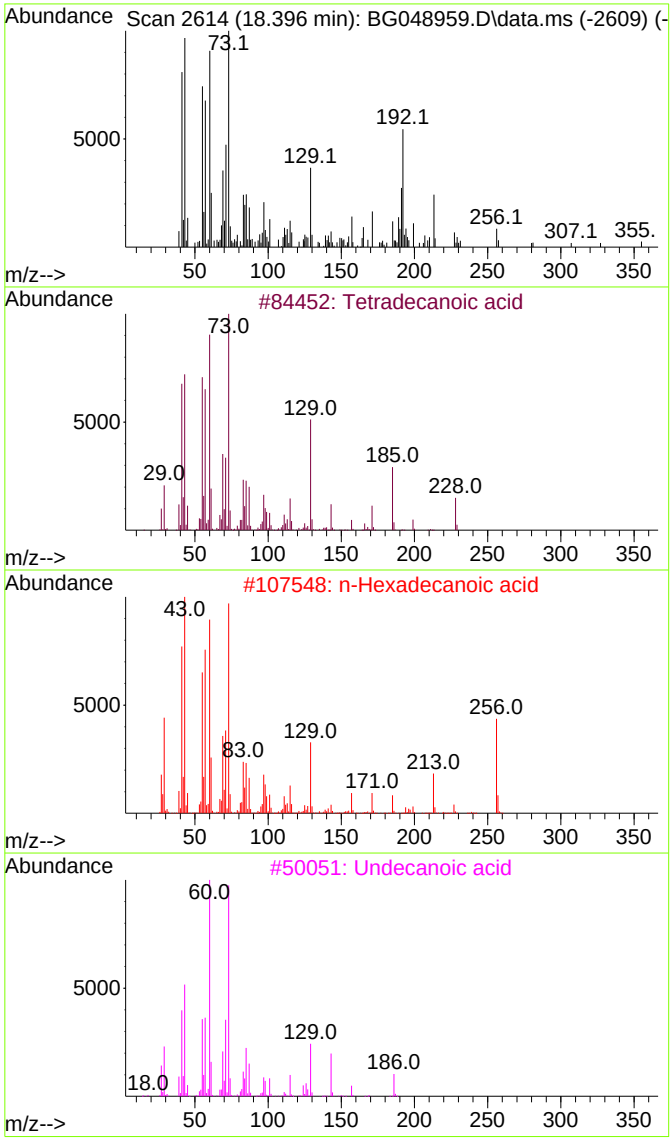
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

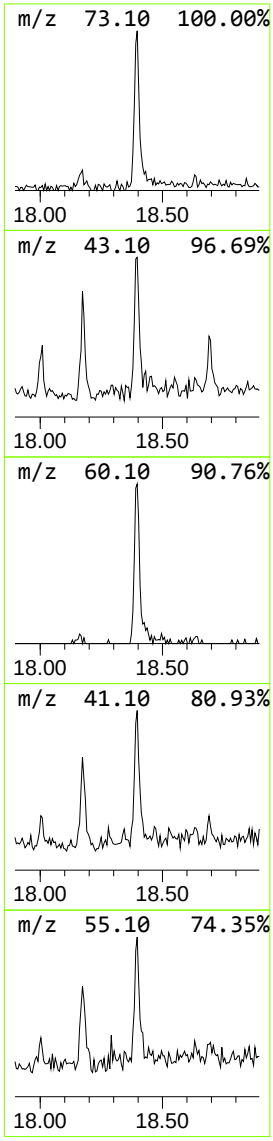
****

Peak Number 12 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.396	5.07 ng	159054	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





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Sample : M2678-02
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ALS Vial : 18 Sample Multiplier: 1

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

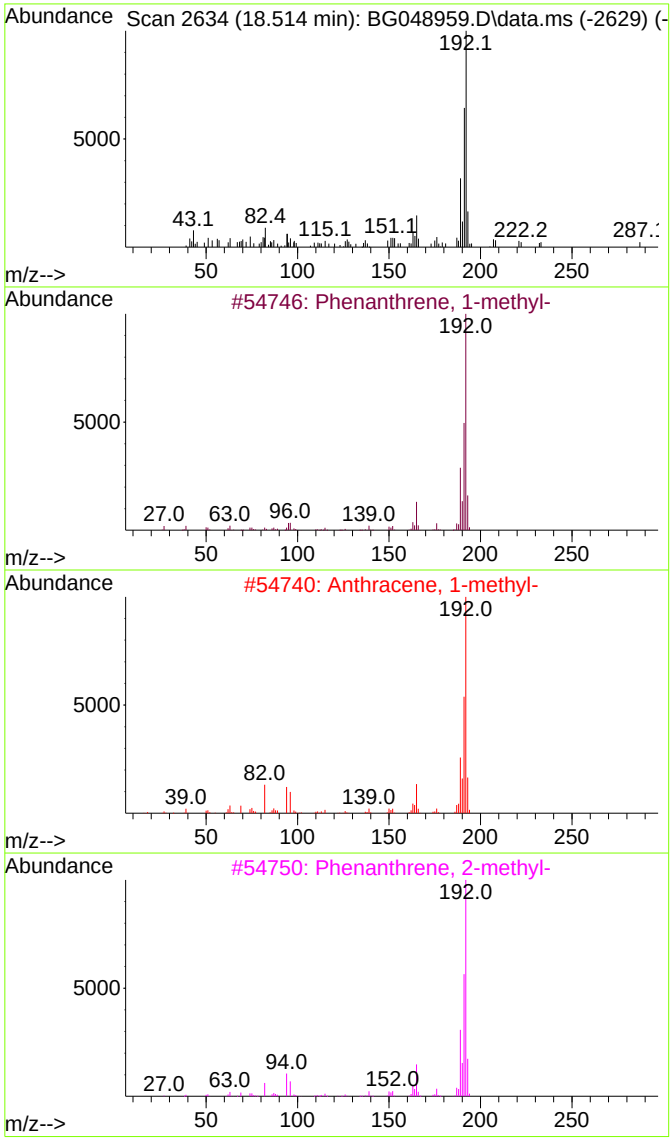
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

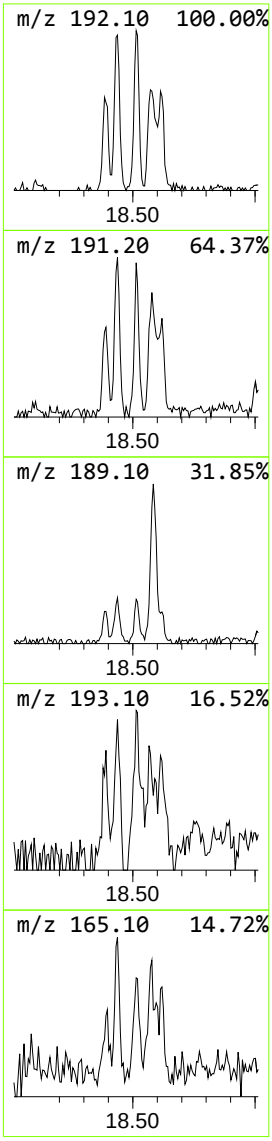
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.514	2.07 ng	64984	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

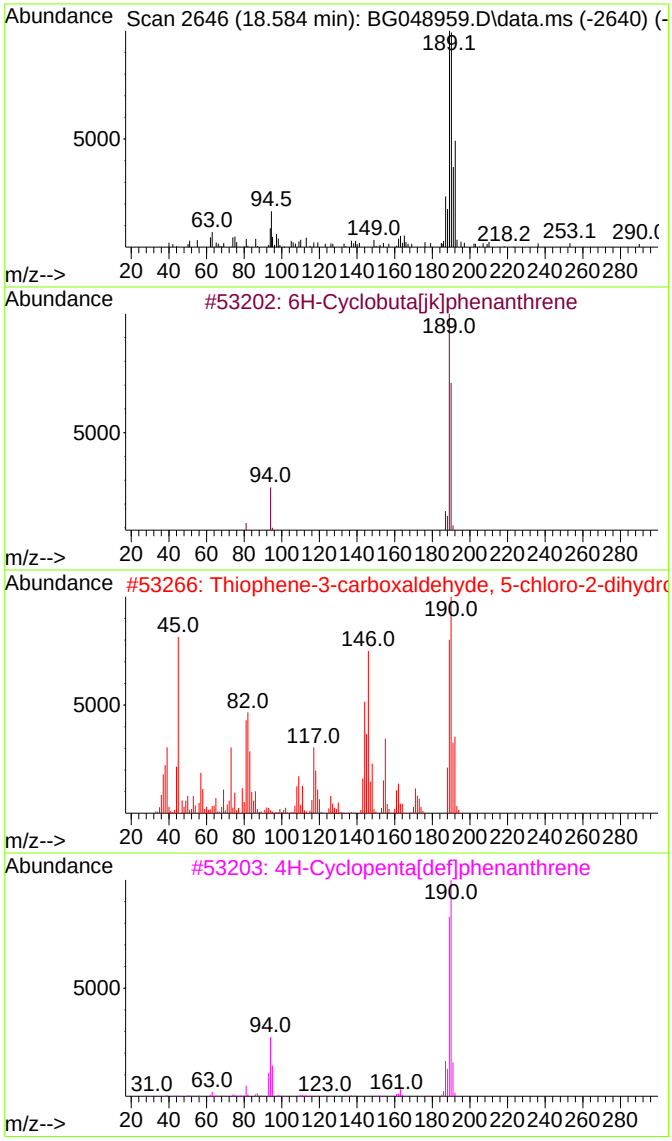
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

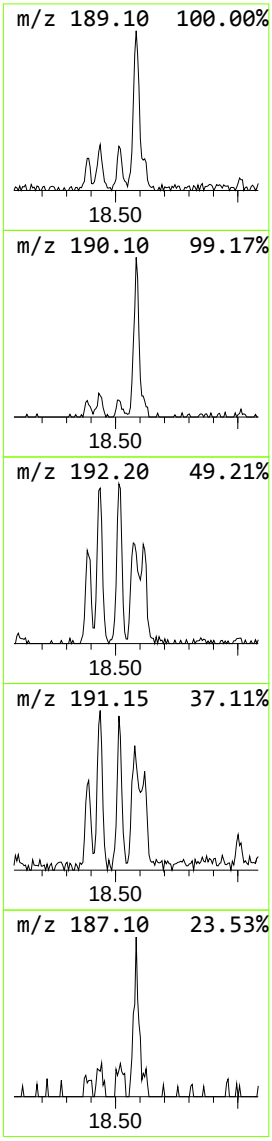
****

Peak Number 14 6H-Cyclobuta[jk]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.584	2.94 ng	92058	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

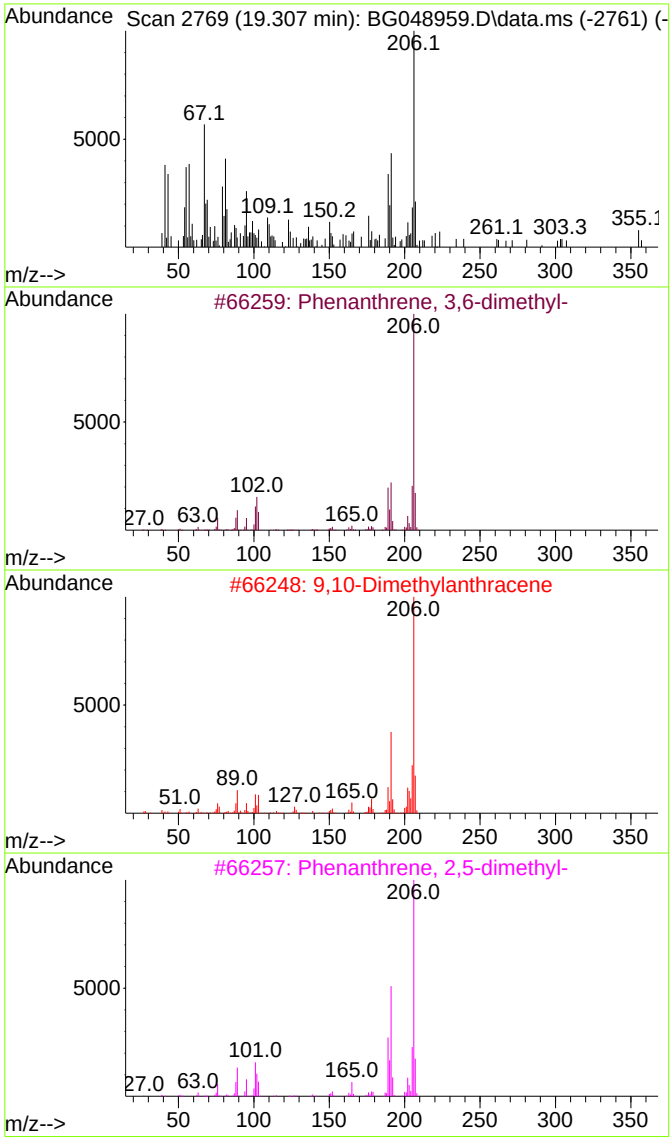
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

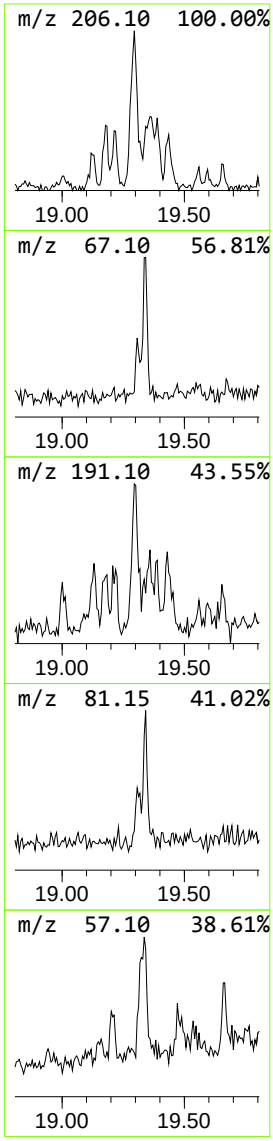
****

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.307	3.76 ng	117705	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	53
5	Benzothieno[2,3-d]pyrimidin-4(3H...	206	C10H10N2OS	014346-24-8	49





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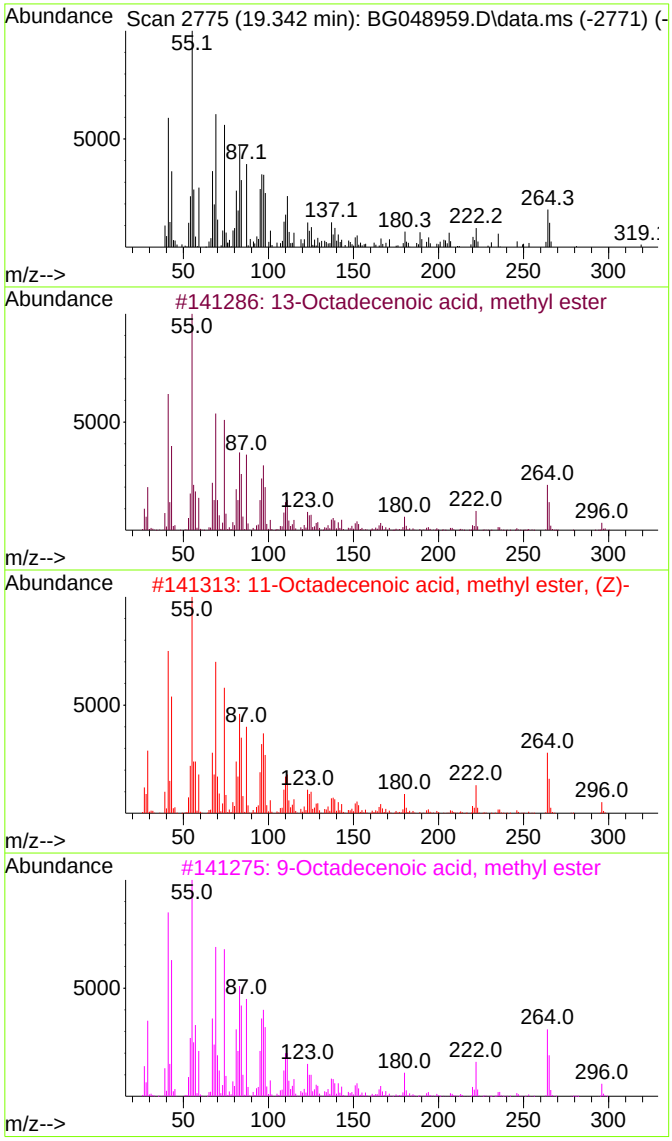
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

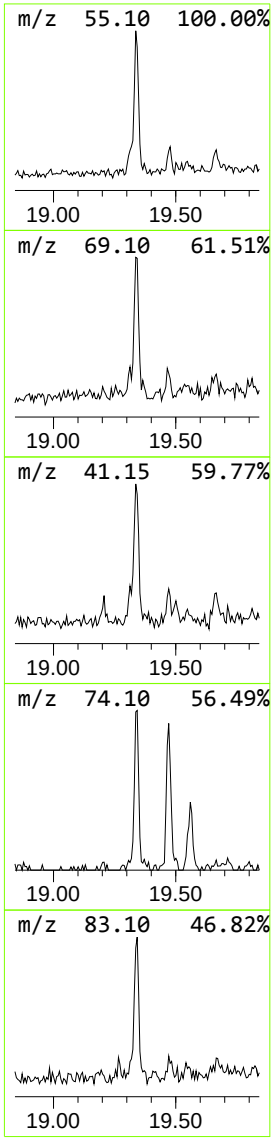
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 13-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.342	10.08 ng	315928	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

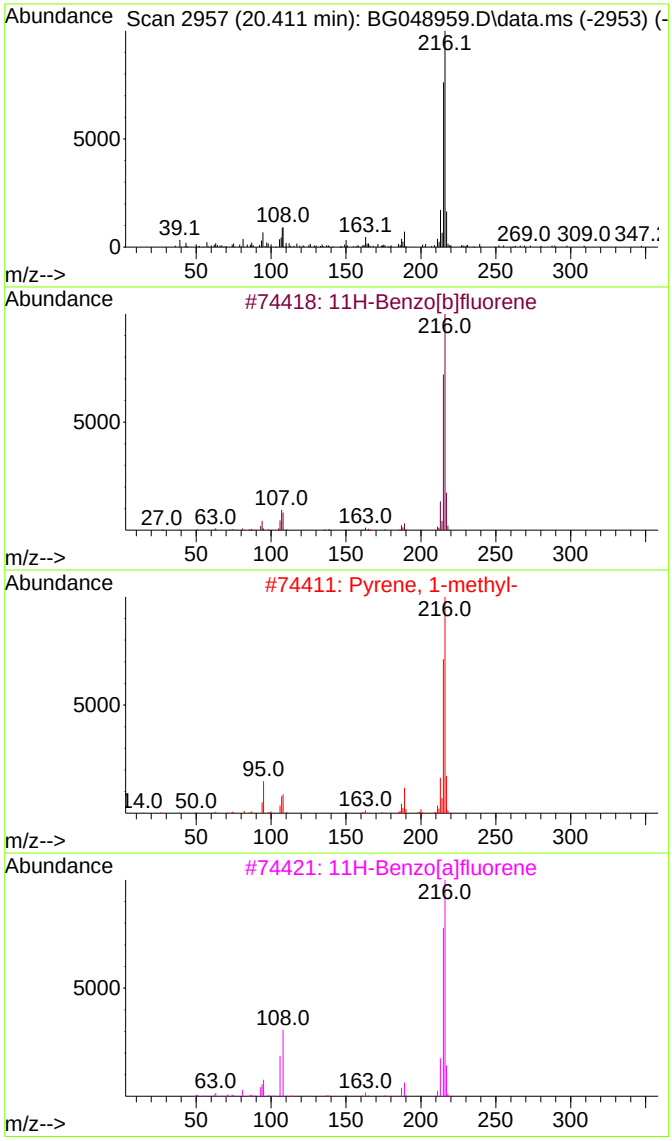
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

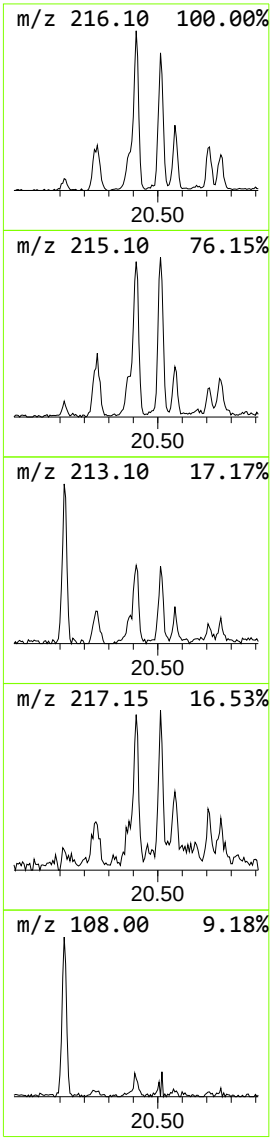
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.411	3.33 ng	174853	Chrysene-d12	21.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

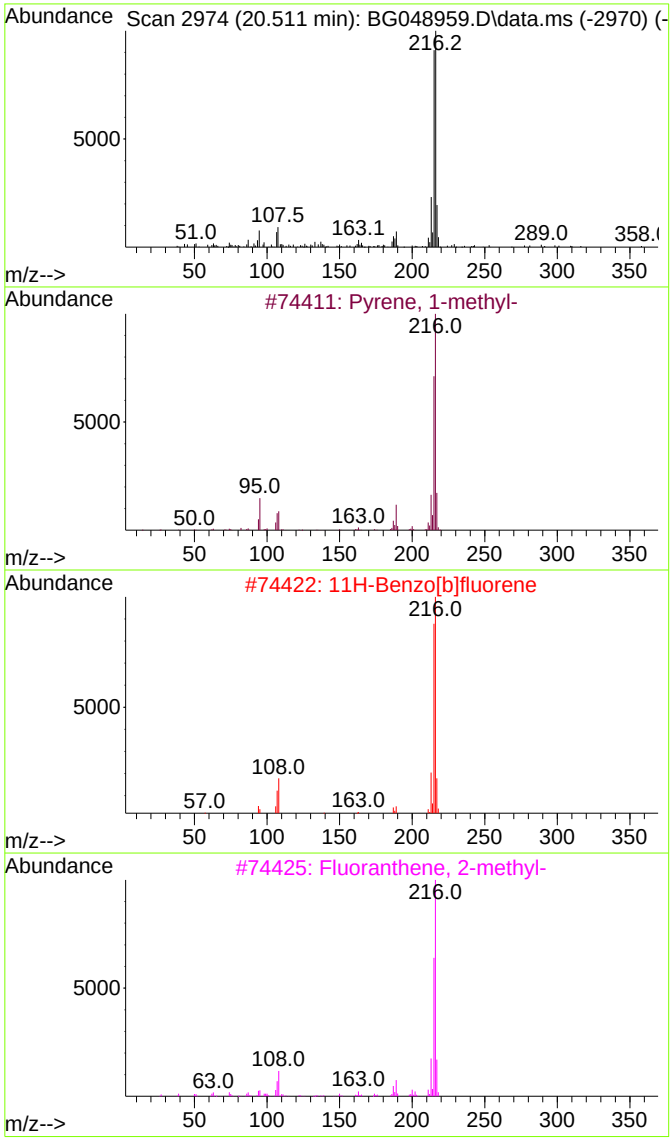
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

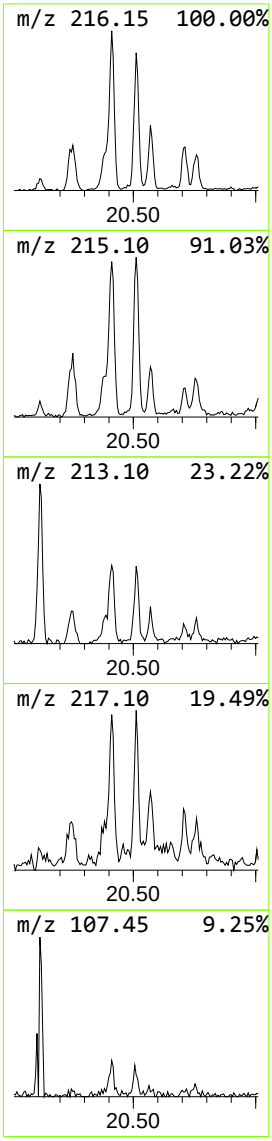
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.511	2.37 ng	124845	Chrysene-d12	21.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

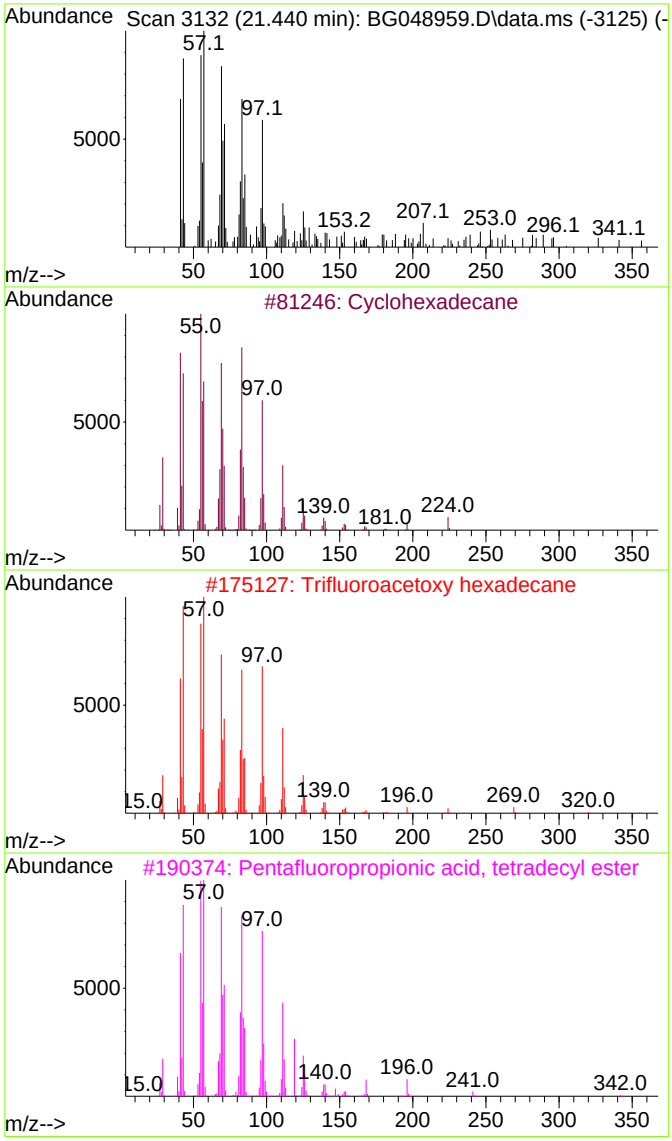
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

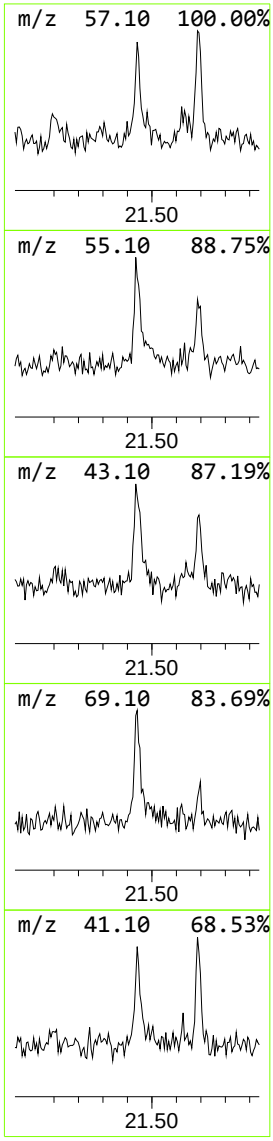
****

Peak Number 19 Cyclohexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	2.31 ng	121331	Chrysene-d12	21.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	83
4	1-Hexacosanol	382	C26H54O	000506-52-5	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0205-COMP-F(DISCRETE-CL-05)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-chlor...	3.167	29.4	ng	391423	1	8.120	266233	20.0
Furan, tetrahyd...	3.290	13.0	ng	172531	1	8.120	266233	20.0
2-Pentanone, 4-...	5.200	11.2	ng	149481	1	8.120	266233	20.0
p-Xylene	5.740	5.8	ng	76599	1	8.120	266233	20.0
2-Pentanone, 4-...	6.287	2.4	ng	31508	1	8.120	266233	20.0
Ethanol, 2-(2-b...	10.705	49.7	ng	931747	2	10.946	374882	20.0
2,4,7,9-Tetrame...	13.655	3.8	ng	102220	3	14.765	537072	20.0
unknown14.095	14.095	2.6	ng	70271	3	14.765	537072	20.0
1,3,5-Triazine-...	16.157	3.8	ng	119761	4	17.509	626887	20.0
unknown17.626	17.626	5.3	ng	166571	4	17.509	626887	20.0
2,4,6-Tribromo-...	18.173	5.9	ng	185834	4	17.509	626887	20.0
Tetradecanoic acid	18.396	5.1	ng	159054	4	17.509	626887	20.0
Phenanthrene, 1...	18.514	2.1	ng	64984	4	17.509	626887	20.0
6H-Cyclobuta[jk...	18.584	2.9	ng	92058	4	17.509	626887	20.0
Phenanthrene, 3...	19.307	3.8	ng	117705	4	17.509	626887	20.0
13-Octadecenoic...	19.342	10.1	ng	315928	4	17.509	626887	20.0
11H-Benzo[b]flu...	20.411	3.3	ng	174853	5	21.804	1051560	20.0
Pyrene, 1-methyl-	20.511	2.4	ng	124845	5	21.804	1051560	20.0
Cyclohexadecane	21.439	2.3	ng	121331	5	21.804	1051560	20.0