LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-120622

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.205	317	326	336	rBV	282270	447014	28.02%	3.218%
2	5.693	402	409	420	rBV	595863	974917	61.12%	7.017%
3	6.304	507	513	522	rVB	19309	30378	1.90%	0.219%
4	7.321	675	686	700	rBV	608439	1062518	66.61%	7.648%
5	8.161	823	829	836	rVB	128285	209220	13.12%	1.506%
6	9.336	1021	1029	1041	rBV	366438	672049	42.13%	4.837%
7	10.993	1304	1311	1317	rBV	174716	307226	19.26%	2.211%
8	12.638	1584	1591	1596	rVB	10450	16825	1.05%	0.121%
9	12.855	1621	1628	1635	rVB	10574	17326	1.09%	0.125%
10	13.419	1715	1724	1731	rBV	912076	1382028	86.64%	9.948%
11	14.119	1836	1843	1848	rBV2	11921	21206	1.33%	0.153%
12	14.524	1907	1912	1922	rBV2	8178	17382	1.09%	0.125%
13	14.794	1952	1958	1964	rVV	269158	415968	26.08%	2.994%
14	14.859	1964	1969	1975	rVB	56565	84533	5.30%	0.608%
15	15.194	2016	2026	2034	rBV	30675	52459	3.29%	0.378%
16	15.840	2130	2136	2142	rBV2	55870	88398	5.54%	0.636%
17	16.140	2181	2187	2192	rVB2	44009	69415	4.35%	0.500%
18	16.281	2205	2211	2221	rBV	708472	1134838	71.14%	8.168%
19	16.492	2240	2247	2261	rVB	10027	33323	2.09%	0.240%
20	17.191	2362	2366	2372	rVB2	11489	19036	1.19%	0.137%
21	17.356	2390	2394	2398	rVB	21363	31324	1.96%	0.225%
22	17.538	2419	2425	2429	rBV	320990	504507	31.63%	3.631%
23	17.579	2429	2432	2439	rVB	309552	445292	27.91%	3.205%
24	17.673	2443	2448	2454	rVV	60189	90783	5.69%	0.653%
25	17.938	2489	2493	2500	rVB	24015	39481	2.47%	0.284%
26	18.049	2508	2512	2518	rBV2	22927	33818	2.12%	0.243%
27	18.237	2538	2544	2556	rBV	352176	582291	36.50%	4.191%
28	18.402	2568	2572	2577	rBV2	96298	175188	10.98%	1.261%
29	18.455	2578	2581	2587	rVB	56912	90842	5.69%	0.654%
30	18.543	2592	2596	2601	rBV4	23682	51535	3.23%	0.371%
31	18.607	2602	2607	2611	rBV2	62961	114624	7.19%	0.825%
32	18.901	2653	2657	2661	rBV	32213	42067	2.64%	0.303%
33	19.195	2704	2707	2710	rBV	16692	23068	1.45%	0.166%
34	19.312	2722	2727	2728	rBV2	41810	69051	4.33%	0.497%
35	19.583	2768	2773	2778	rBV	495293	669636	41.98%	4.820%
36	19.906	2824	2828	2830	rBV2	78706	106212	6.66%	0.764%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.941	2830	2834	2841	rVB	422984	621524	38.96%	4.474%
38	20.129	2860	2866	2870	rBV	1190886	1595200	100.00%	11.482%
39	20.529	2931	2934	2937	rVB	62658	69863	4.38%	0.503%
40	21.668	3124	3128	3136	rVB	157248	233314	14.63%	1.679%
41	21.815	3146	3153	3159	rBV3	335410	904219	56.68%	6.508%
42	21.868	3159	3162	3173	rVB	206598	343179	21.51%	2.470%

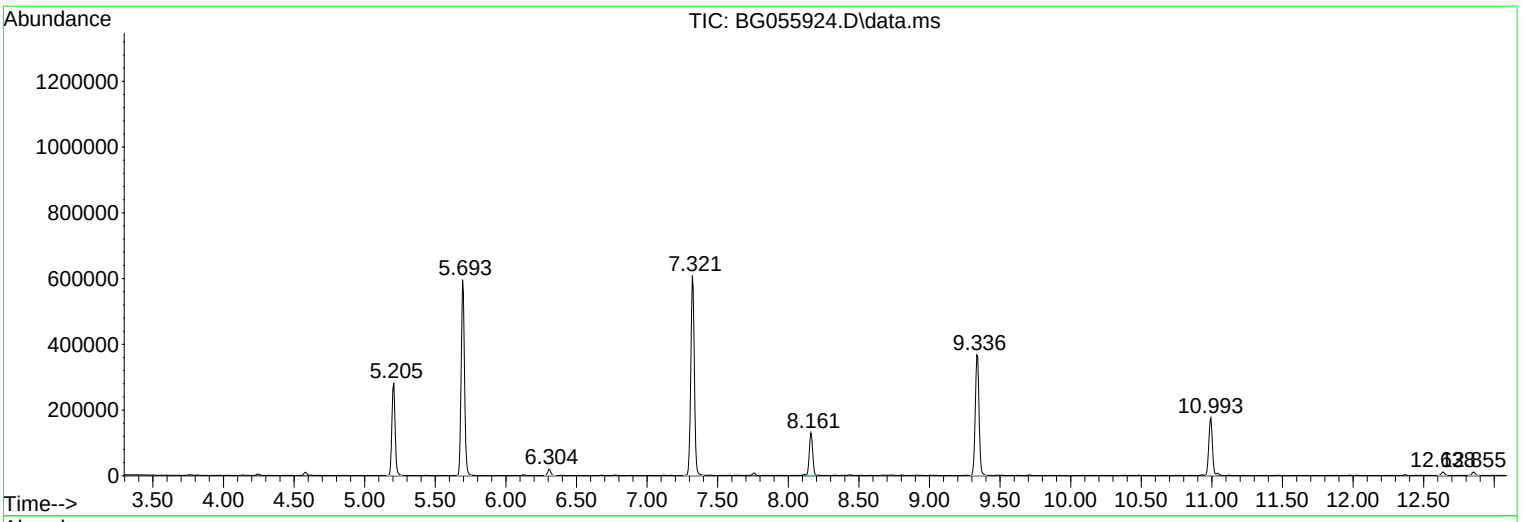
Sum of corrected areas: 13893077

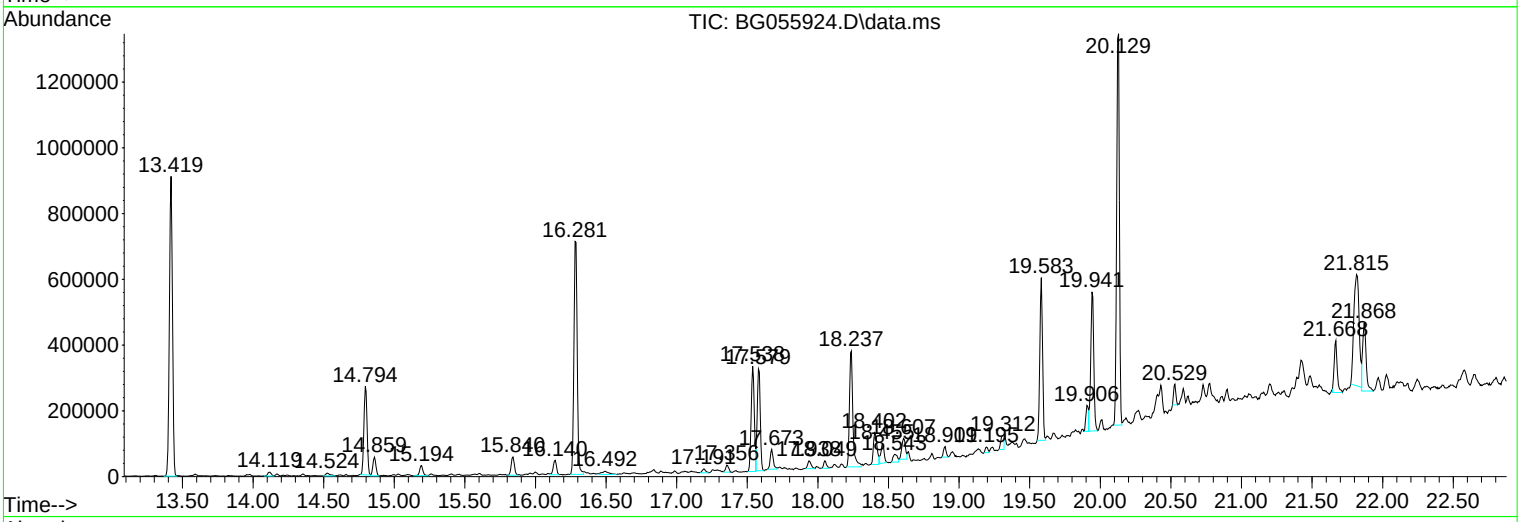
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

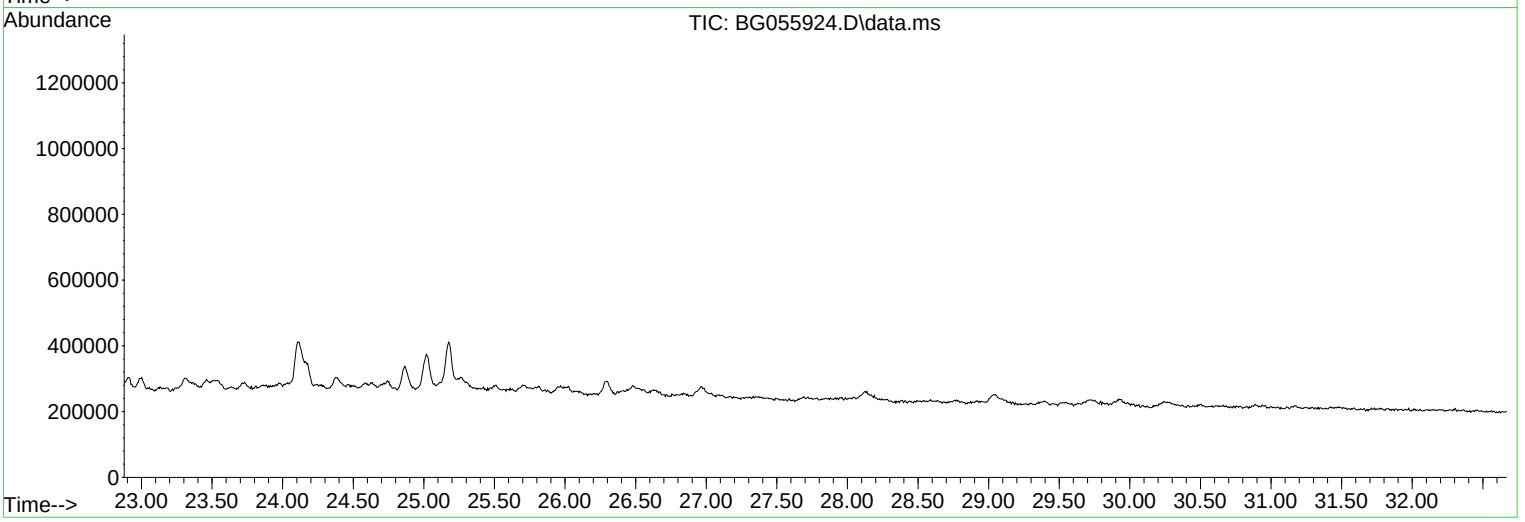
Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

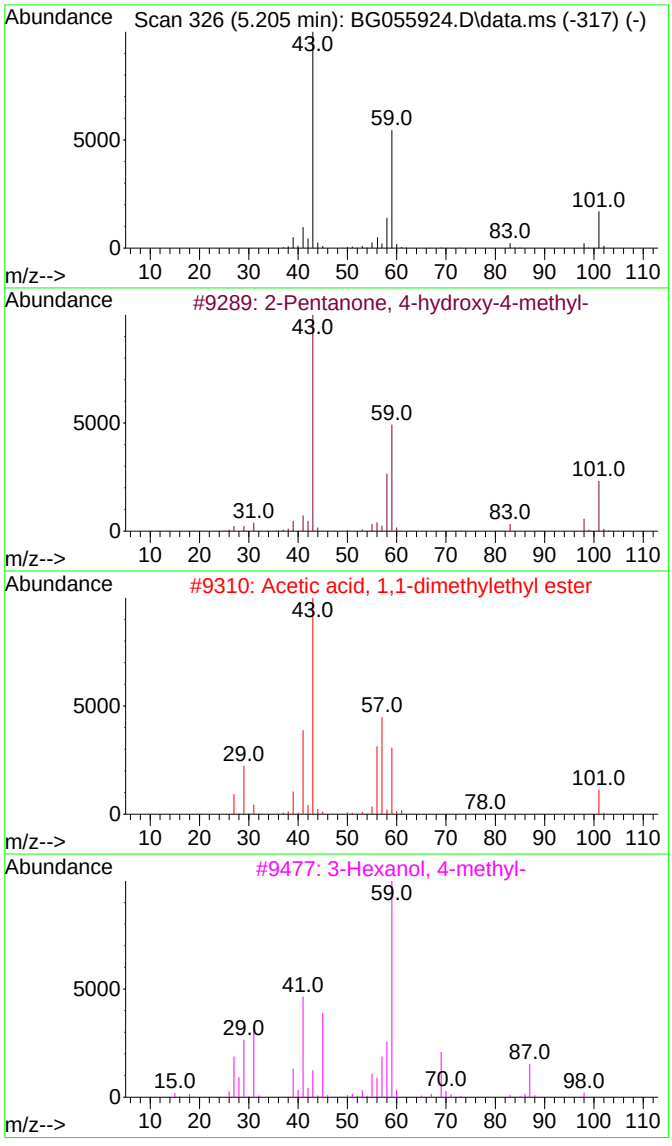
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

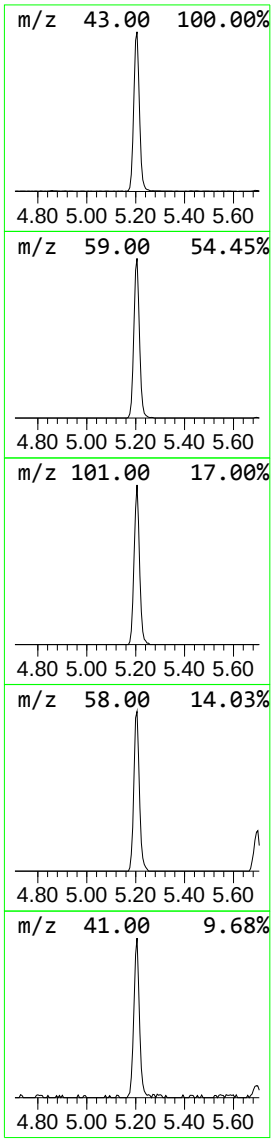
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.205	42.73 ng	447014	1,4-Dichlorobenzene-d4	8.161

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

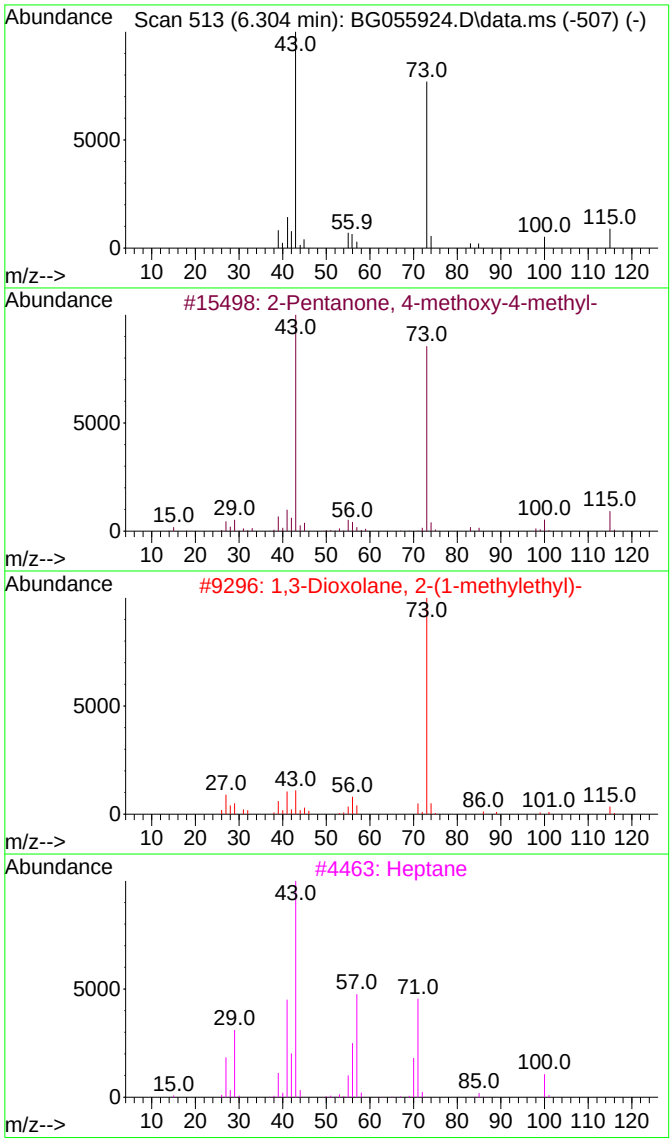
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

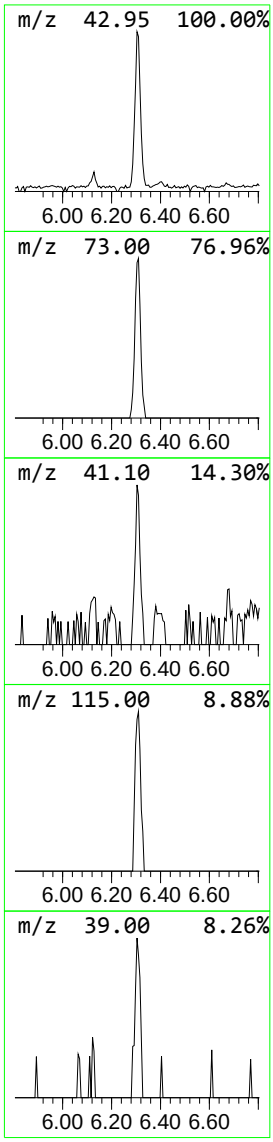
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	2.90 ng	30378	1,4-Dichlorobenzene-d4	8.161

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
3	Heptane	100	C7H16	000142-82-5	9
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

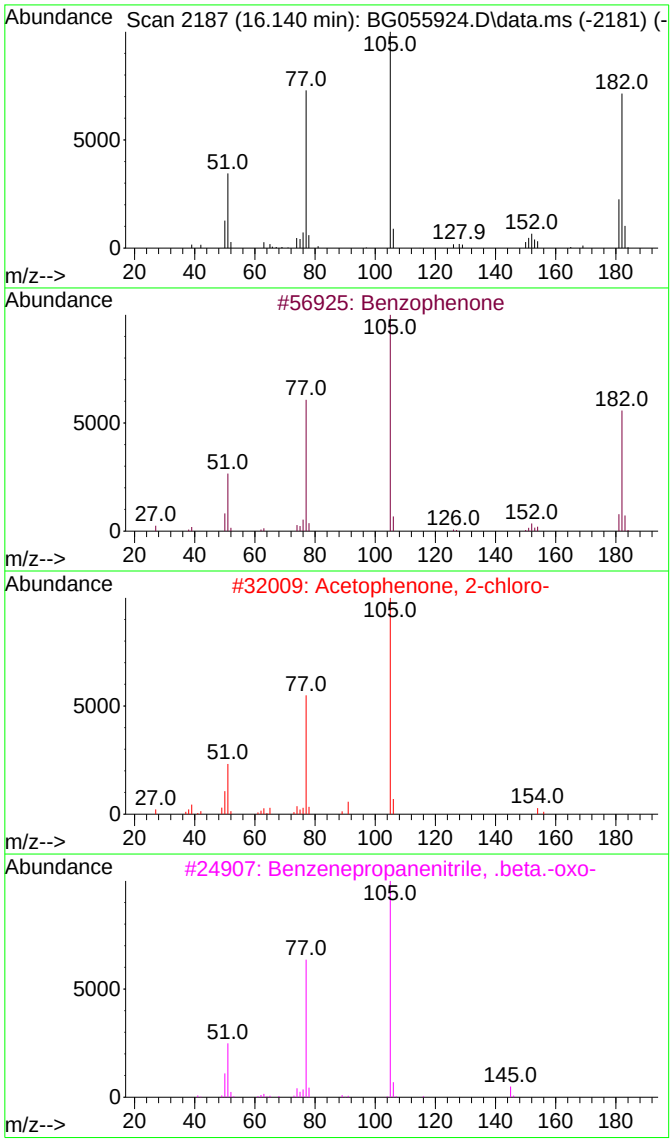
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

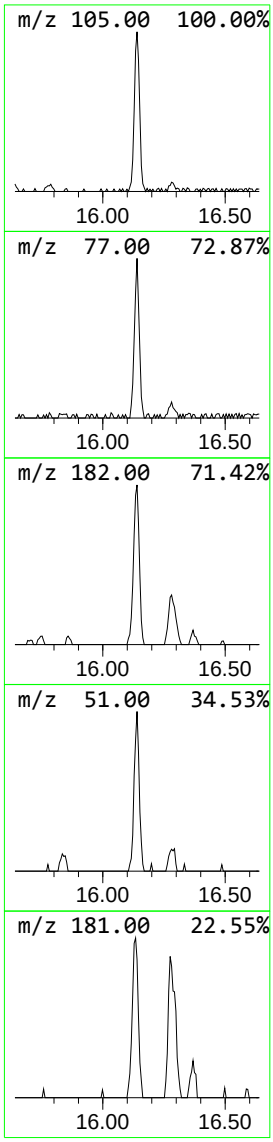
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.140	3.34 ng	69415	Acenaphthene-d10	14.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5	Benzoylformic acid	150	C8H6O3	000611-73-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

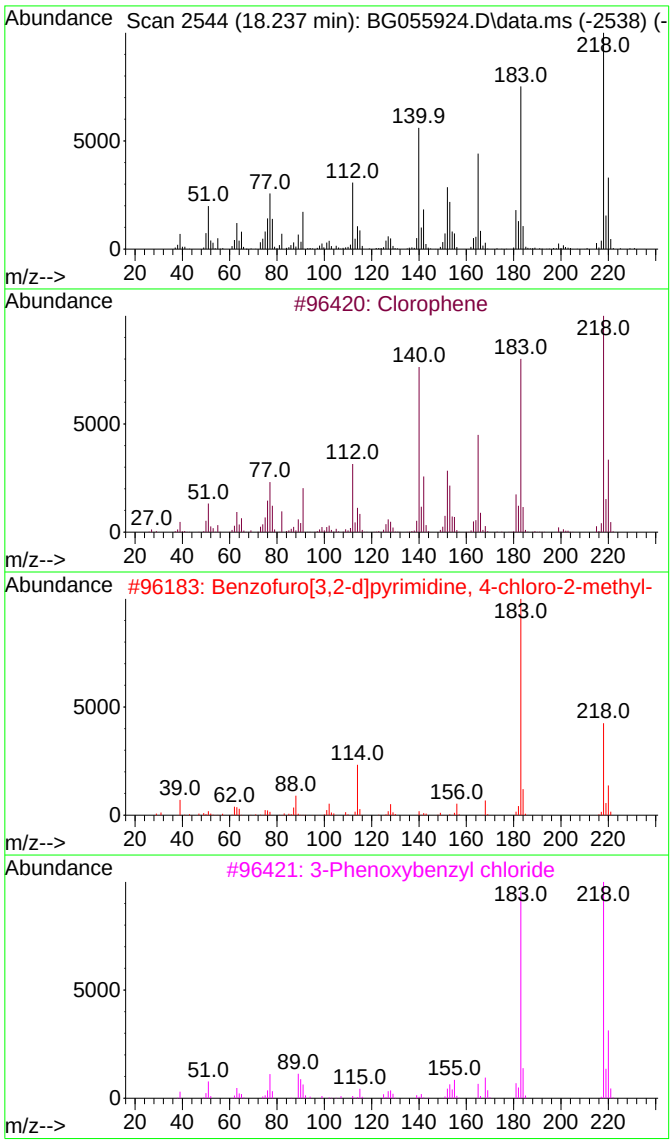
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

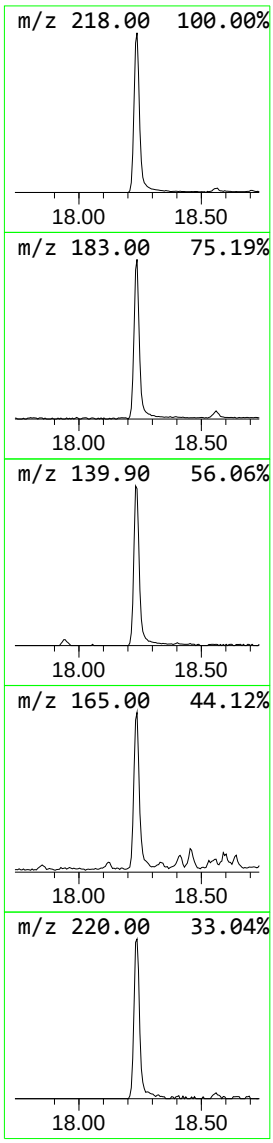
****

Peak Number 4 Clorophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.237	23.08 ng	582291	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Clorophene	218	C13H11ClO	000120-32-1	99
2	Benzofuro[3,2-d]pyrimidine, 4-ch...	218	C11H7ClN2O	039786-40-8	55
3	3-Phenoxybenzyl chloride	218	C13H11ClO	1000353-82-2	53
4	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	38
5	N-(4-Chlorophenyl)-1,2-phenylene...	218	C12H11ClN2	068817-71-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

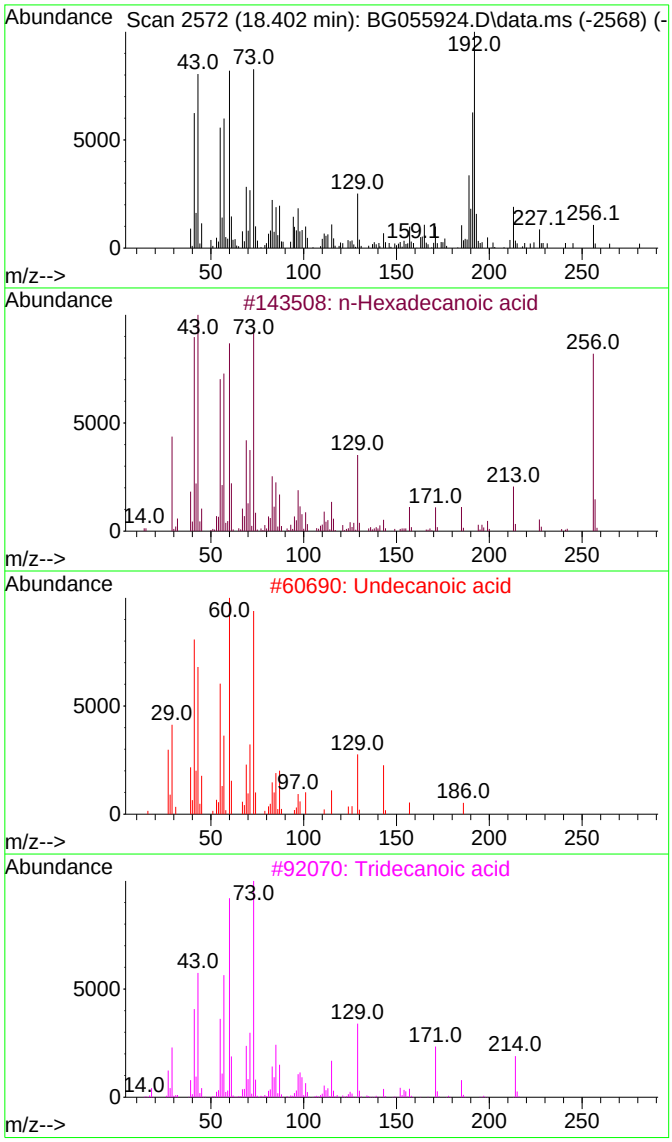
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

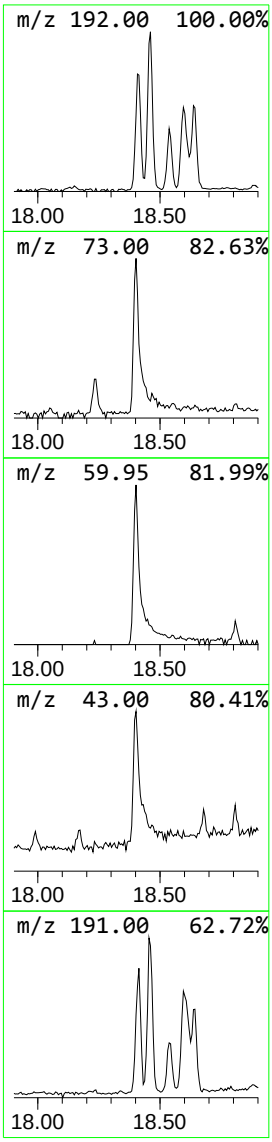
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.402	6.94 ng	175188	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Undecanoic acid	186	C11H22O2	000112-37-8	84
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

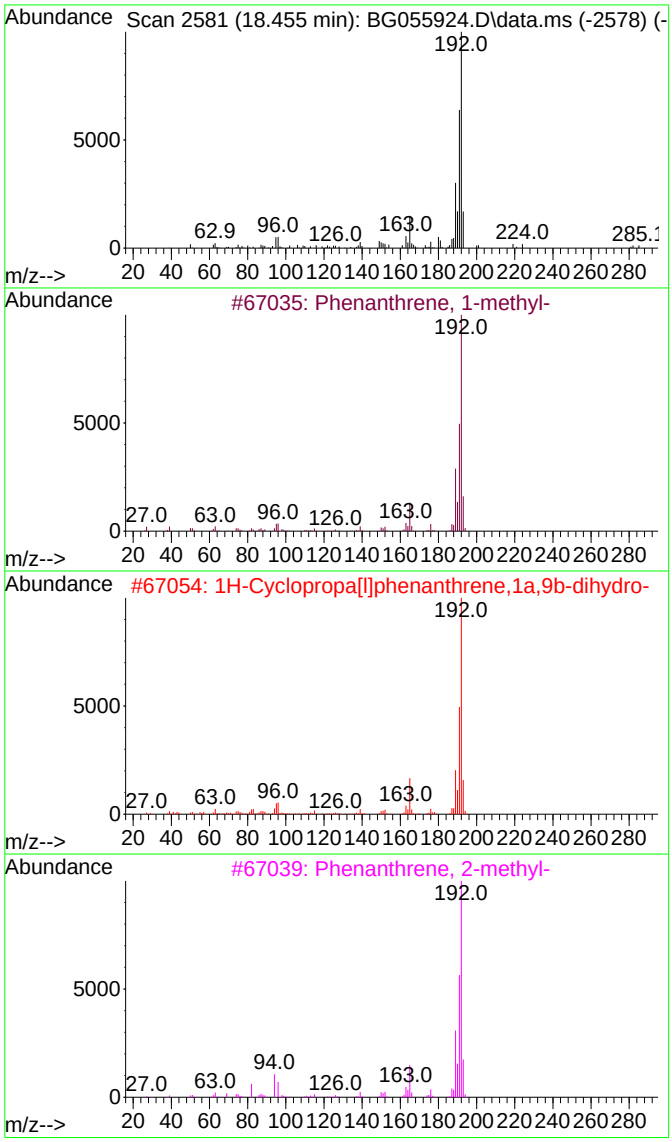
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

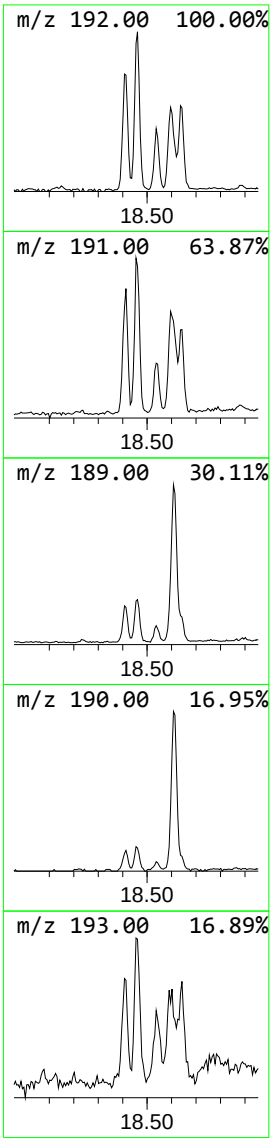
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.455	3.60 ng	90842	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

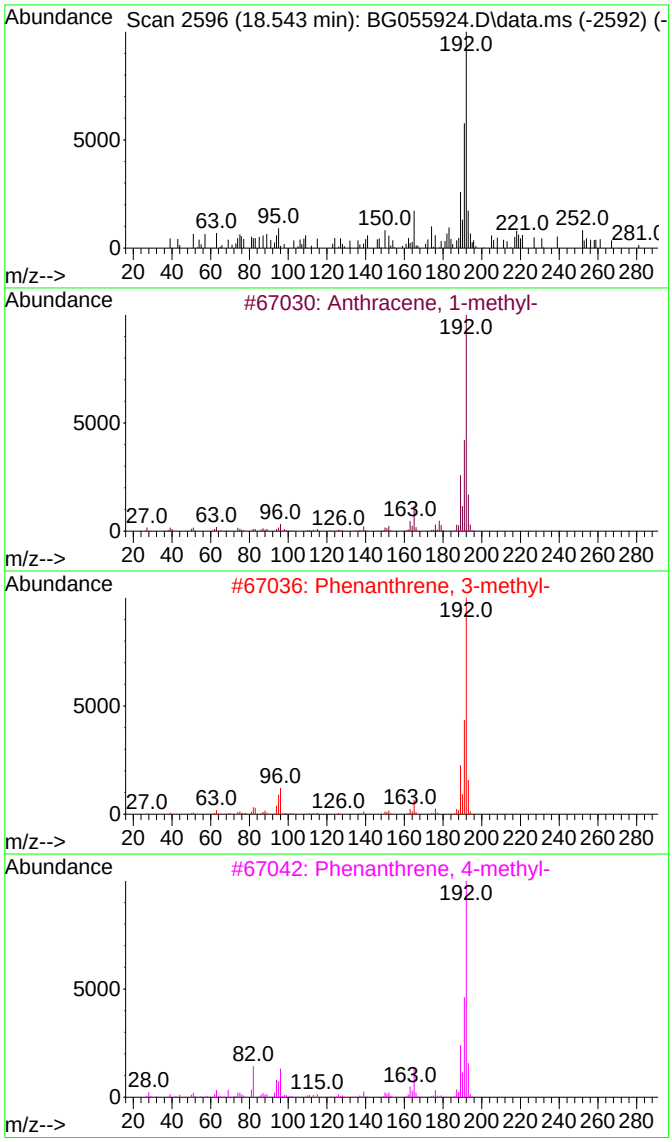
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

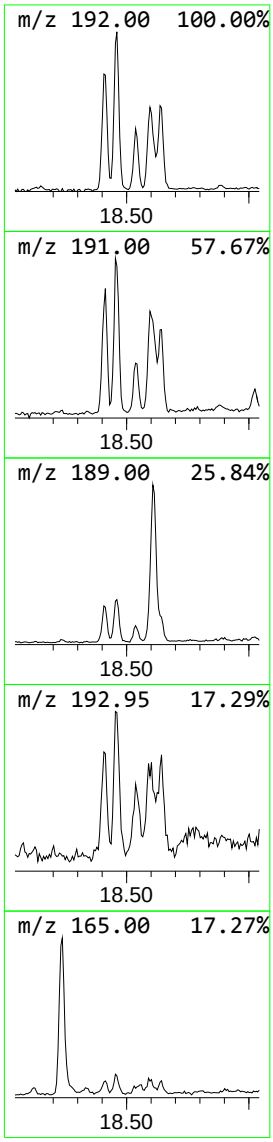
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.543	2.04 ng	51535	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

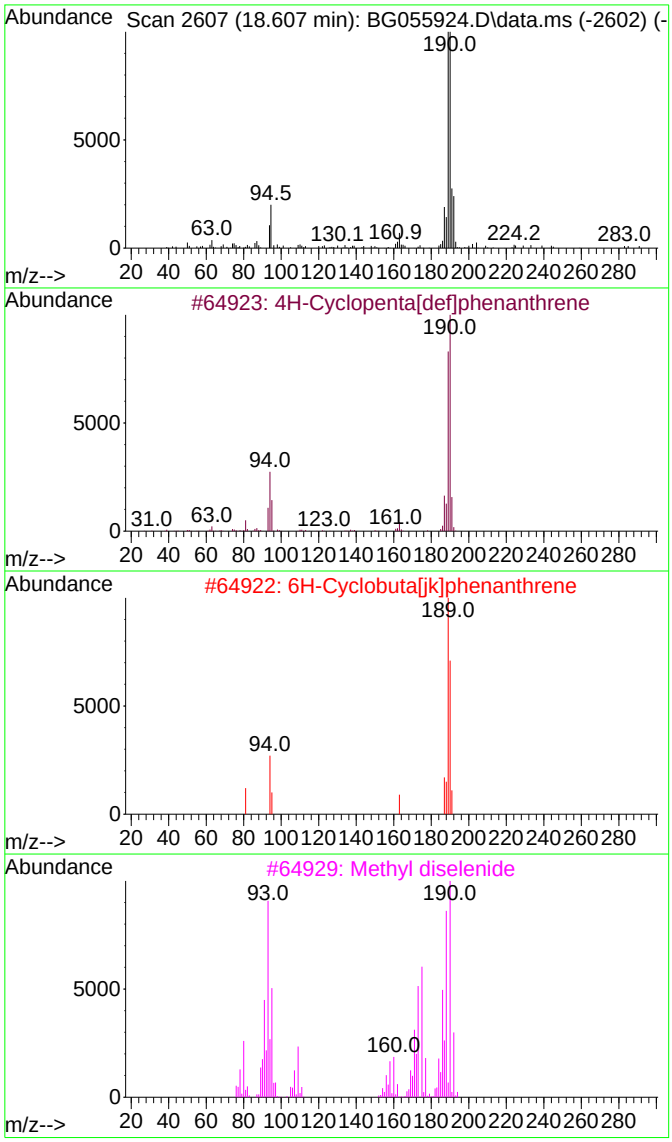
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

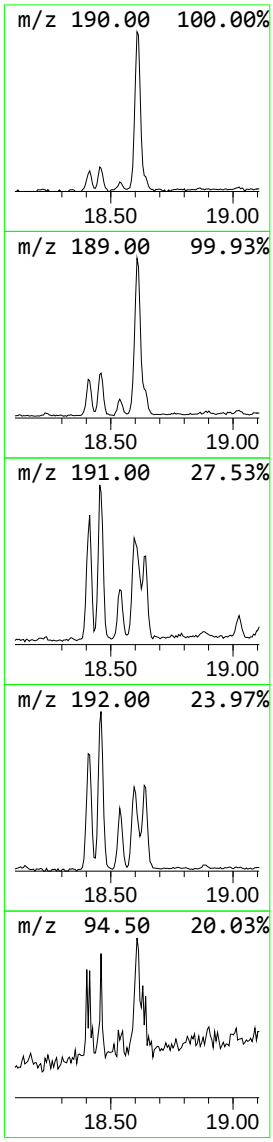
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.607	4.54 ng	114624	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

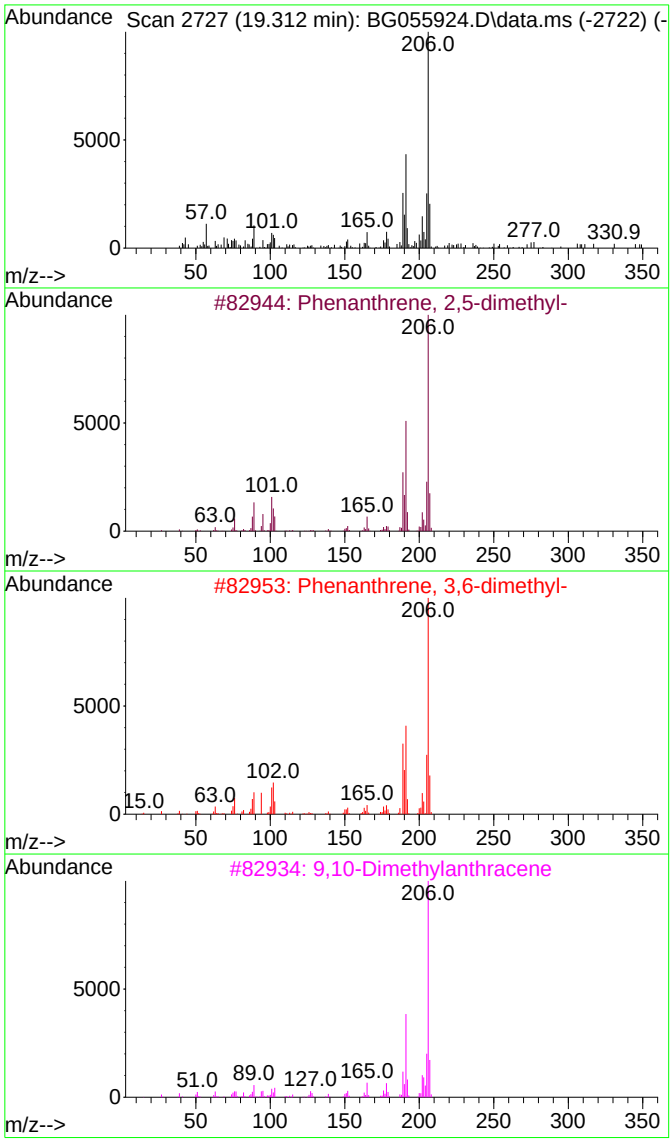
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

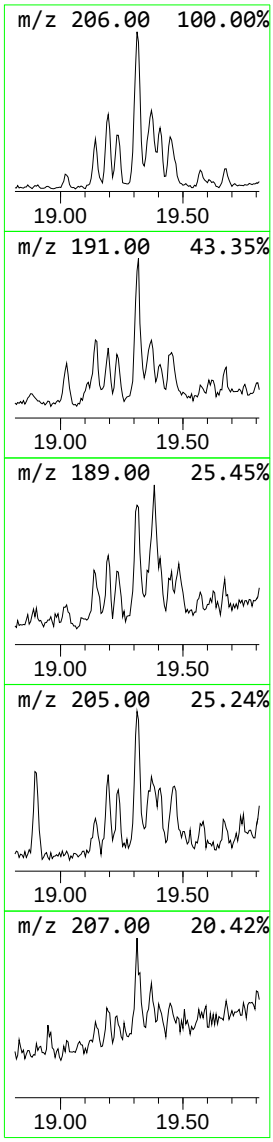
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.312	2.74 ng	69051	Phenanthrene-d10	17.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055924.D
Acq On : 7 Dec 2022 21:50
Operator : CG/JU
Sample : N5900-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-120622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
2-Pentanone, 4-...	5.205	42.7	ng	447014	1	8.161	209220	20.0
2-Pentanone, 4-...	6.304	2.9	ng	30378	1	8.161	209220	20.0
Benzophenone	16.140	3.3	ng	69415	3	14.794	415968	20.0
Clorophene	18.237	23.1	ng	582291	4	17.538	504507	20.0
n-Hexadecanoic ...	18.402	6.9	ng	175188	4	17.538	504507	20.0
Phenanthrene, 1...	18.455	3.6	ng	90842	4	17.538	504507	20.0
Anthracene, 1-m...	18.543	2.0	ng	51535	4	17.538	504507	20.0
4H-Cyclopenta[d...	18.607	4.5	ng	114624	4	17.538	504507	20.0
Phenanthrene, 2...	19.312	2.7	ng	69051	4	17.538	504507	20.0