LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.330	3	7	22	rVB	116674	225336	3.65%	0.813%
2	5.351	345	351	361	rVB	60052	99239	1.61%	0.358%
3	5.827	423	432	443	rBV	262838	443790	7.18%	1.601%
4	7.442	699	707	716	rVB	264186	482646	7.81%	1.741%
5	8.306	846	854	866	rVB	168554	290338	4.70%	1.047%
6	9.475	1046	1053	1061	rBV	167955	307487	4.98%	1.109%
7	11.138	1330	1336	1343	rVB	231732	395640	6.40%	1.427%
8	12.507	1563	1569	1576	rBV	76130	125714	2.03%	0.453%
9	13.547	1739	1746	1751	rBV	455028	706296	11.43%	2.547%
10	13.723	1770	1776	1784	rBV	138386	213190	3.45%	0.769%
11	14.370	1878	1886	1890	rBV4	77481	161535	2.61%	0.583%
12	14.417	1890	1894	1900	rVV4	40250	70755	1.15%	0.255%
13	14.781	1952	1956	1965	rVB	193864	269313	4.36%	0.971%
14	14.916	1973	1979	1985	rVB	339618	530140	8.58%	1.912%
15	15.392	2056	2060	2068	rBV4	44285	89739	1.45%	0.324%
16	15.727	2112	2117	2122	rVB	242286	317856	5.14%	1.146%
17	16.126	2179	2185	2190	rBV	93809	174158	2.82%	0.628%
18	16.391	2225	2230	2236	rVB	315671	459342	7.44%	1.657%
19	16.585	2258	2263	2265	rBV	280874	376928	6.10%	1.359%
20	17.372	2393	2397	2401	rBV	267882	321057	5.20%	1.158%
21	17.425	2402	2406	2411	rVV	121569	159255	2.58%	0.574%
22	17.648	2439	2444	2448	rBV	381258	552376	8.94%	1.992%
23	17.689	2448	2451	2457	rVB	103968	170891	2.77%	0.616%
24	17.912	2486	2489	2496	rVV6	35315	64372	1.04%	0.232%
25	18.112	2518	2523	2527	rBV	244773	307989	4.99%	1.111%
26	18.159	2527	2531	2536	rVB3	67075	83221	1.35%	0.300%
27	18.288	2547	2553	2558	rVB	2011769	2673084	43.27%	9.640%
28	18.512	2586	2591	2596	rBV2	500101	750219	12.14%	2.706%
29	18.794	2635	2639	2642	rBV	203100	239616	3.88%	0.864%
30	19.411	2738	2744	2747	rBV	3939865	5386878	87.19%	19.428%
31	19.446	2747	2750	2759	rVB	4900918	6178066	100.00%	22.281%
32	19.563	2766	2770	2775	rVB	1032278	1177228	19.05%	4.246%
33	19.628	2776	2781	2782	rBV	262492	359709	5.82%	1.297%
34	19.657	2782	2786	2788	rBV	534538	654224	10.59%	2.359%
35	19.763	2801	2804	2810	rVB2	122692	172050	2.78%	0.620%
36	19.928	2828	2832	2837	rVB	138259	179740	2.91%	0.648%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.981	2838	2841	2844	rVV	145034	169870	2.75%	0.613%
38	20.039	2847	2851	2858	rVB	324255	482591	7.81%	1.740%
39	20.222	2878	2882	2887	rVB	687520	896993	14.52%	3.235%
40	20.509	2928	2931	2934	rBV3	120056	177937	2.88%	0.642%
41	20.645	2952	2954	2957	rVB	118572	109897	1.78%	0.396%
42	21.937	3167	3174	3179	rBV2	316980	721387	11.68%	2.602%

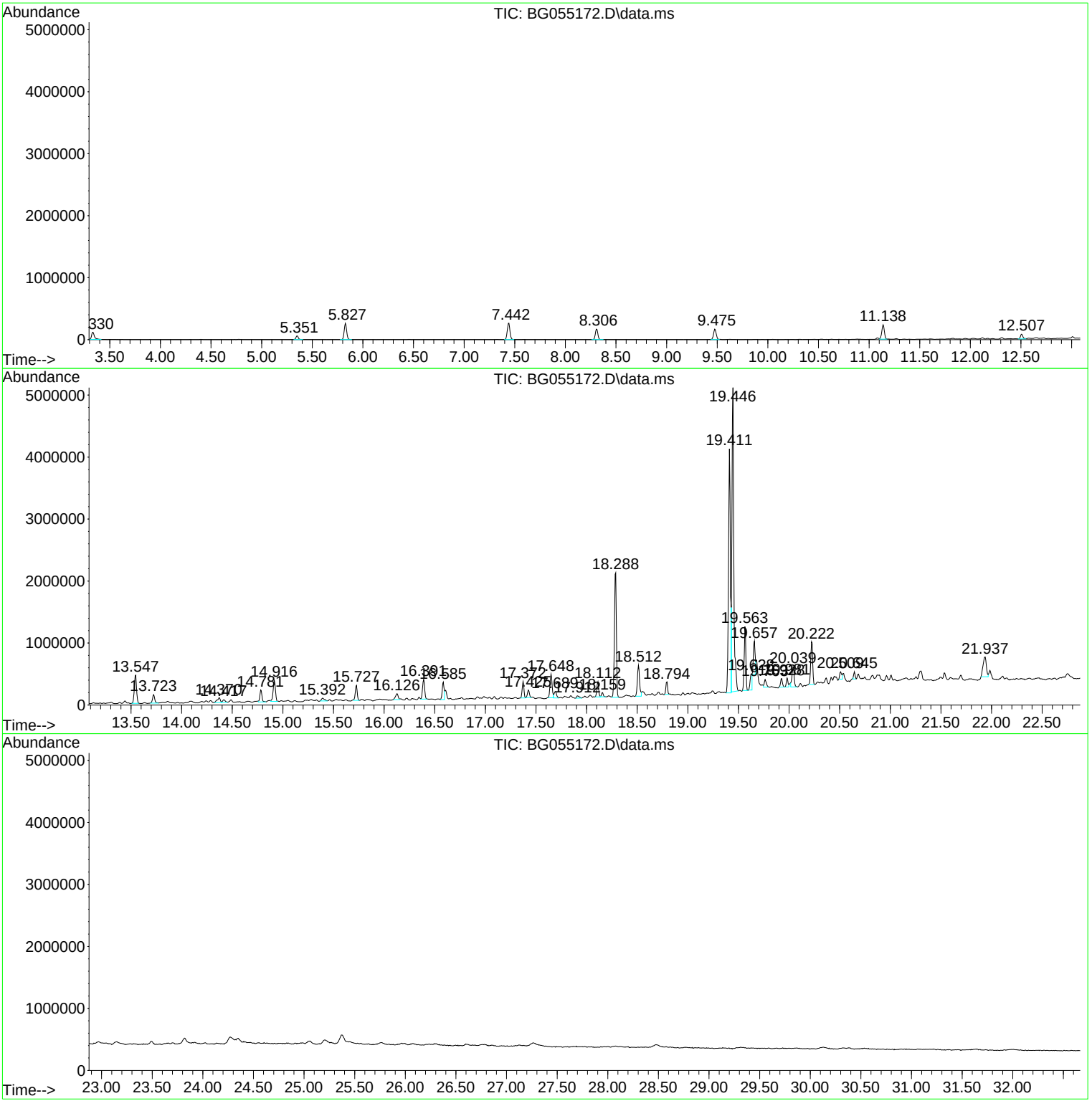
Sum of corrected areas: 27728092

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.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\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

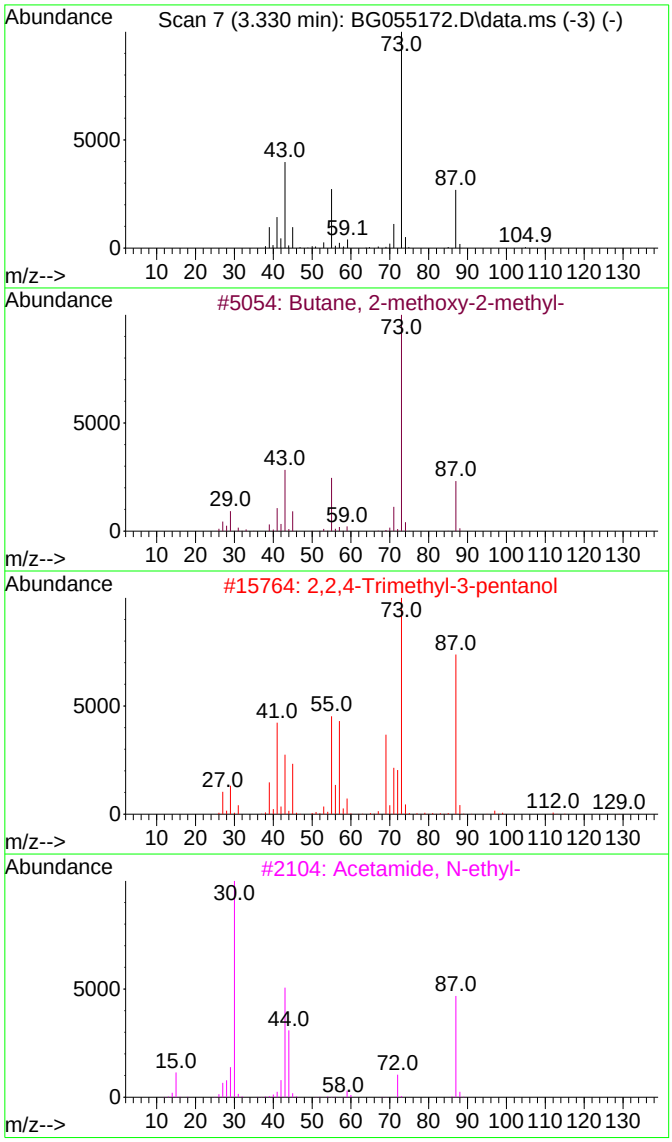
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

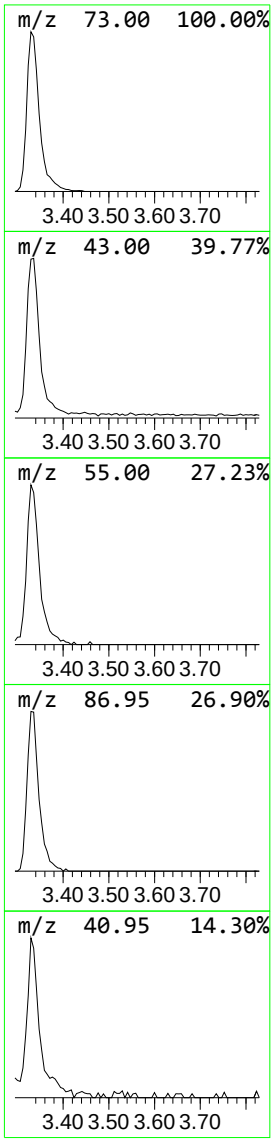
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.330	15.52 ng	225336	1,4-Dichlorobenzene-d4	8.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

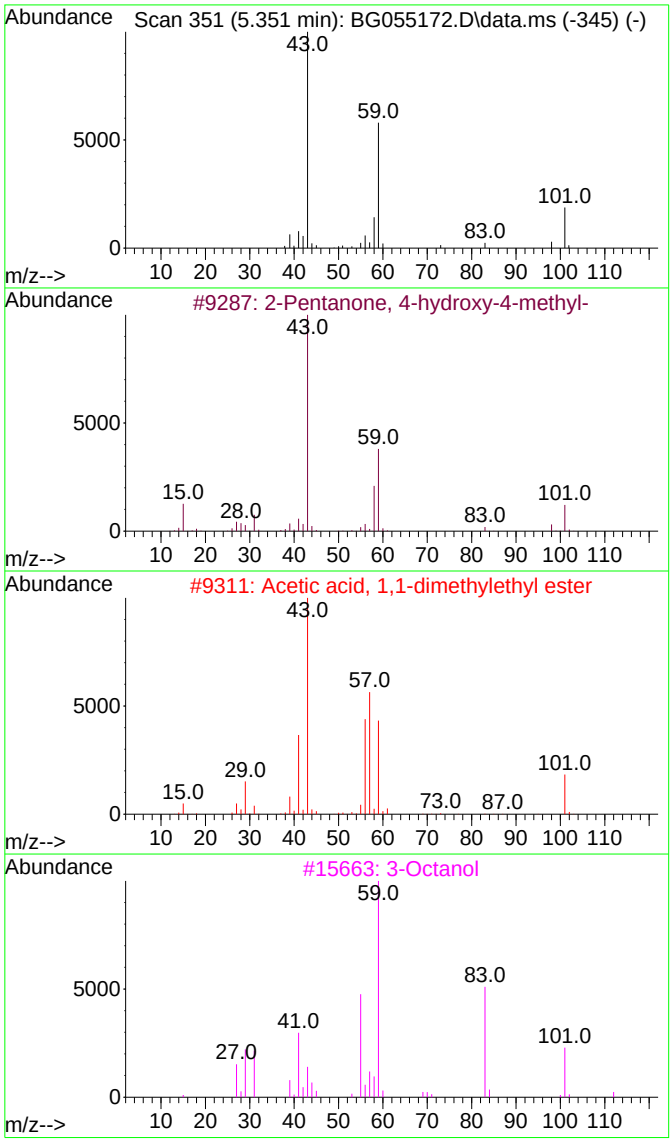
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

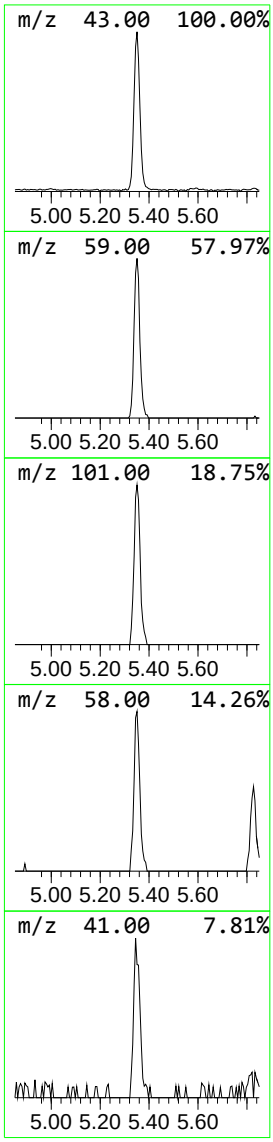
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.351	6.84 ng	99239	1,4-Dichlorobenzene-d4	8.312

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-Octanol	130	C8H18O	000589-98-0	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

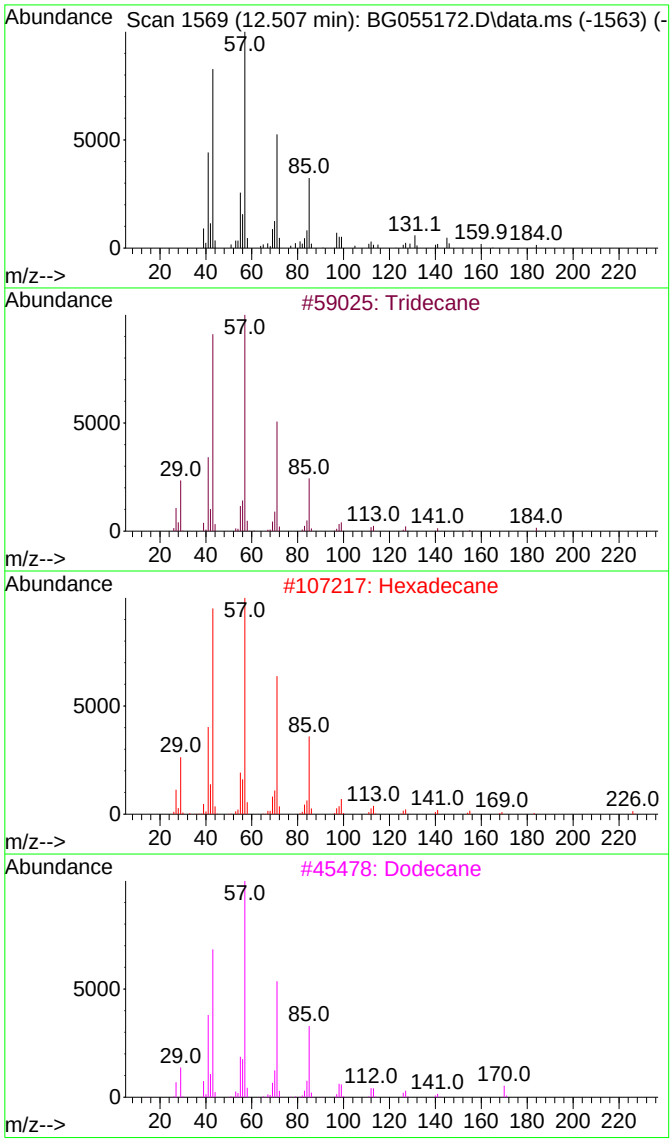
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

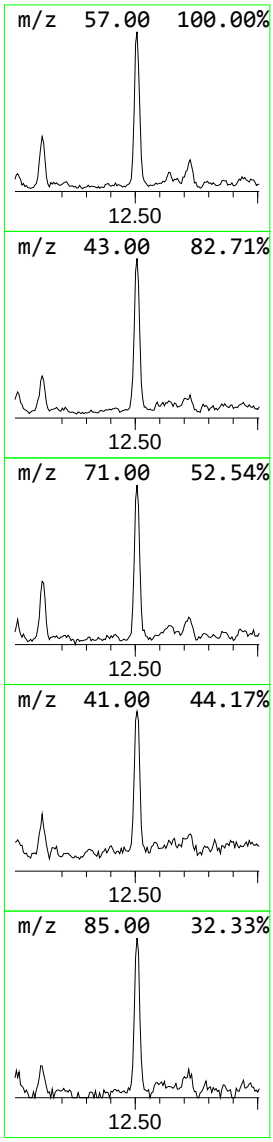
****

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	6.35 ng	125714	Naphthalene-d8	11.138

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane	170	C12H26	000112-40-3	80
4	Decane	142	C10H22	000124-18-5	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

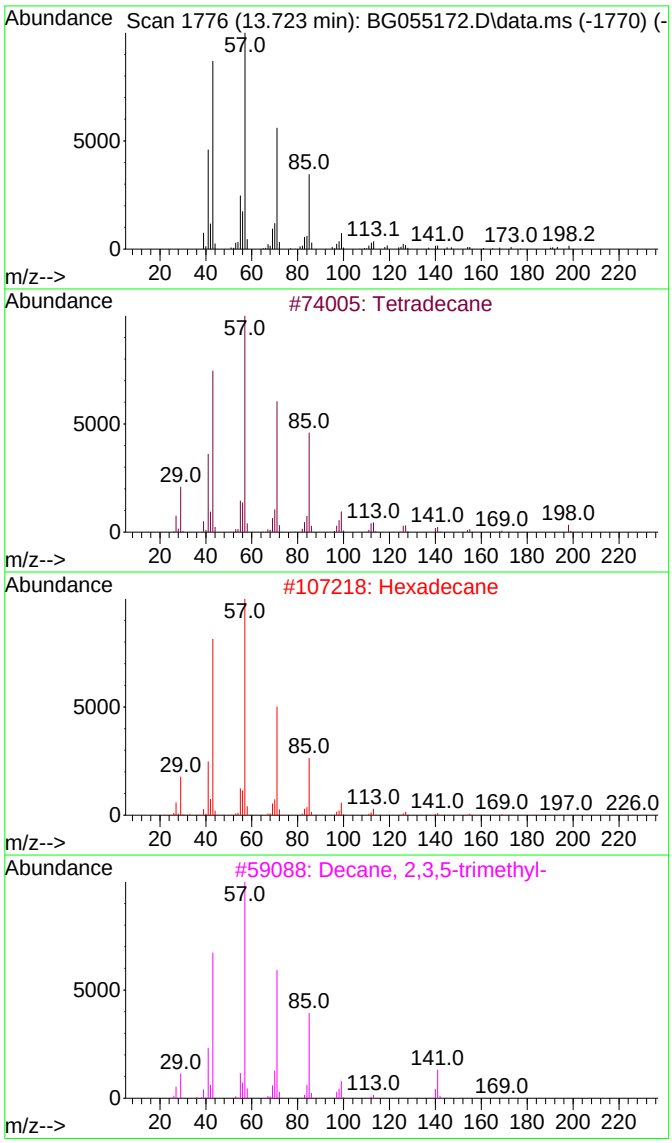
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

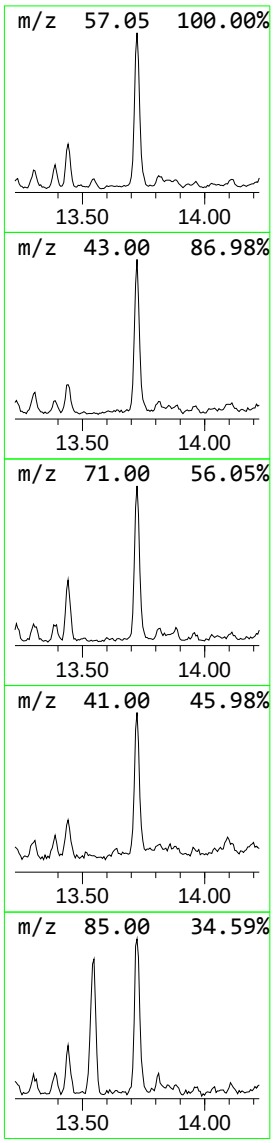
****

Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.723	8.04 ng	213190	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Tridecane	184	C13H28	000629-50-5	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

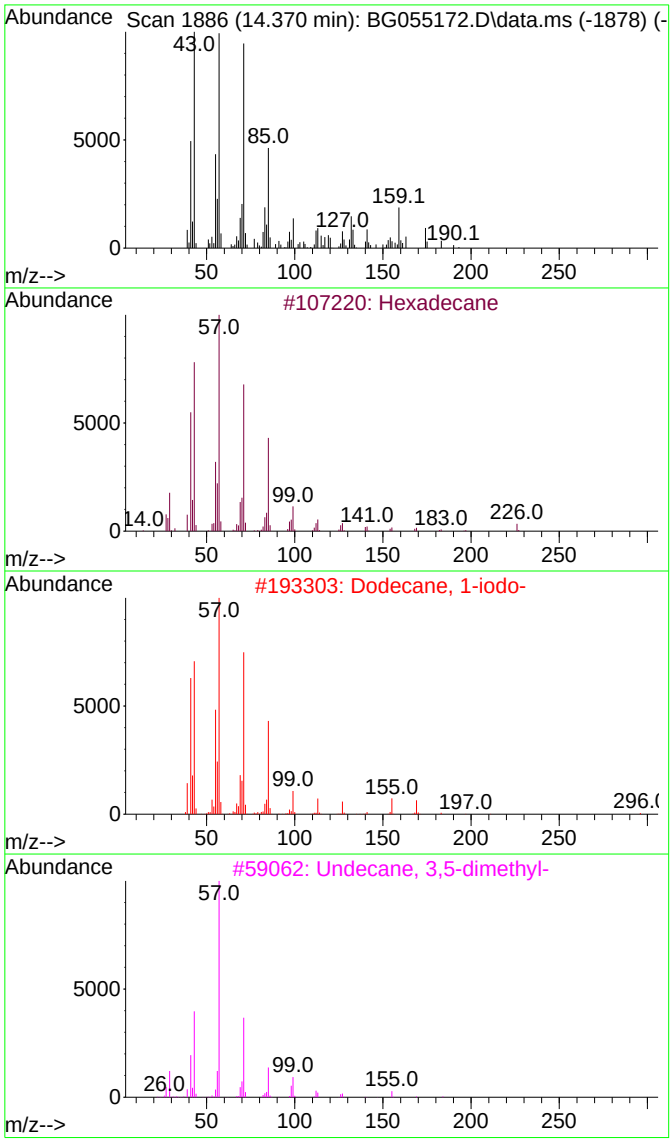
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

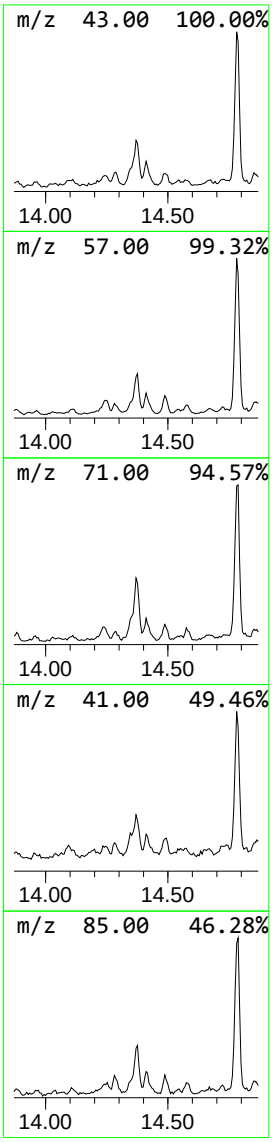
****

Peak Number 5 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.370	6.09 ng	161535	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

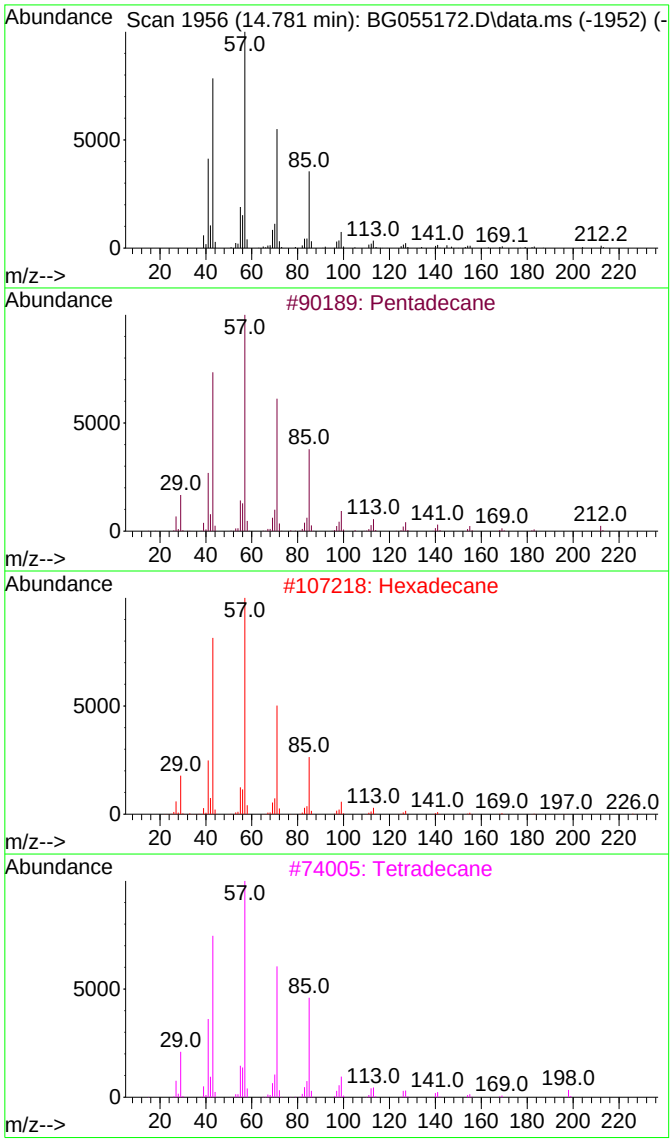
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

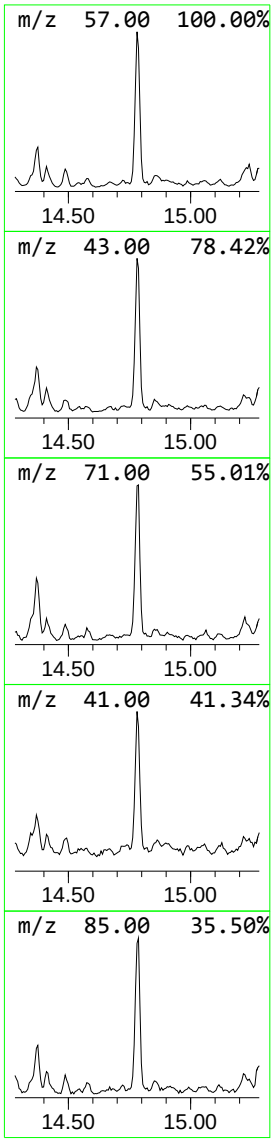
****

Peak Number 6 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	10.16 ng	269313	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	80
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

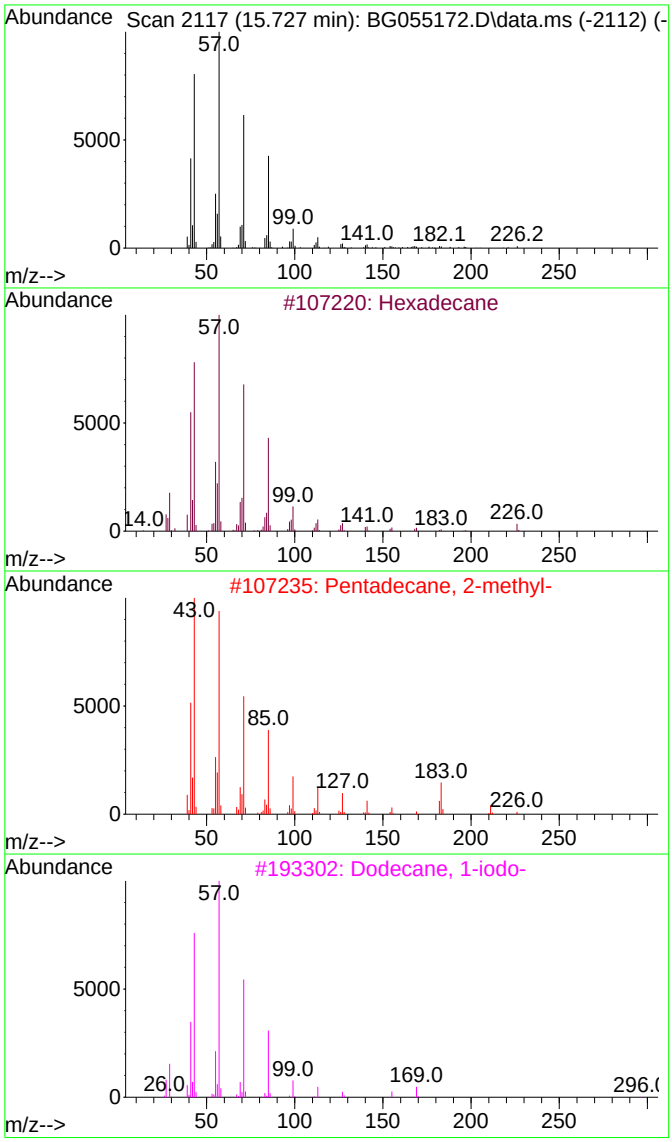
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

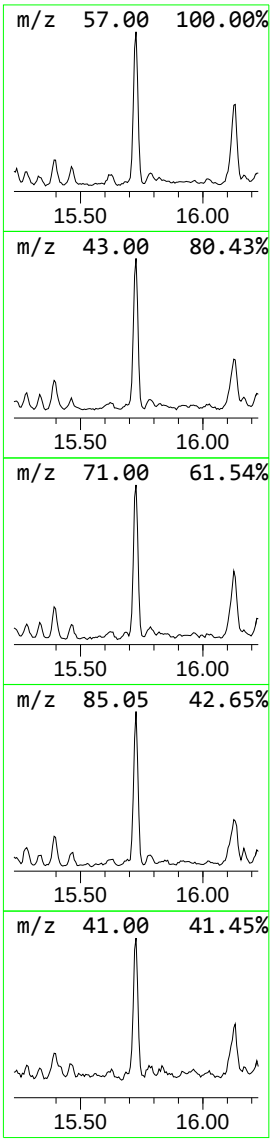
****

Peak Number 7 Pentadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	11.99 ng	317856	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

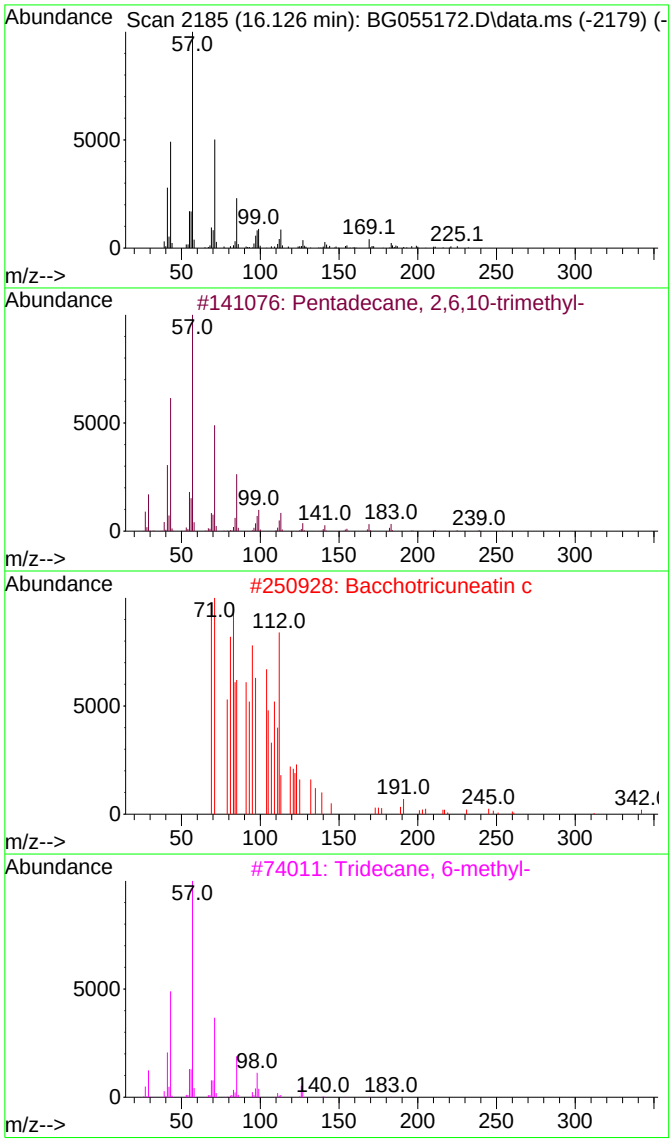
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

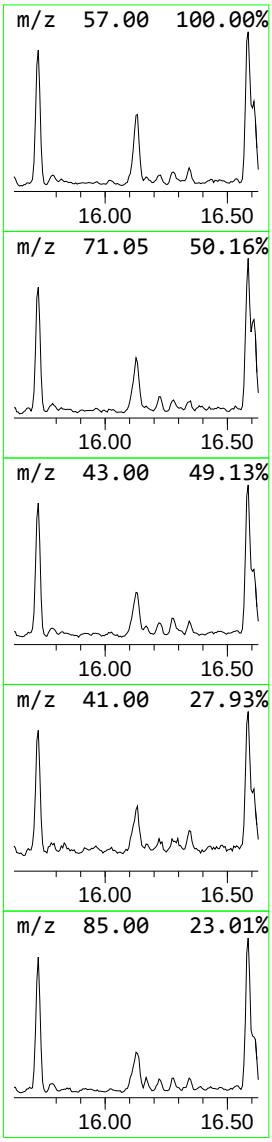
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.126	6.57 ng	174158	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

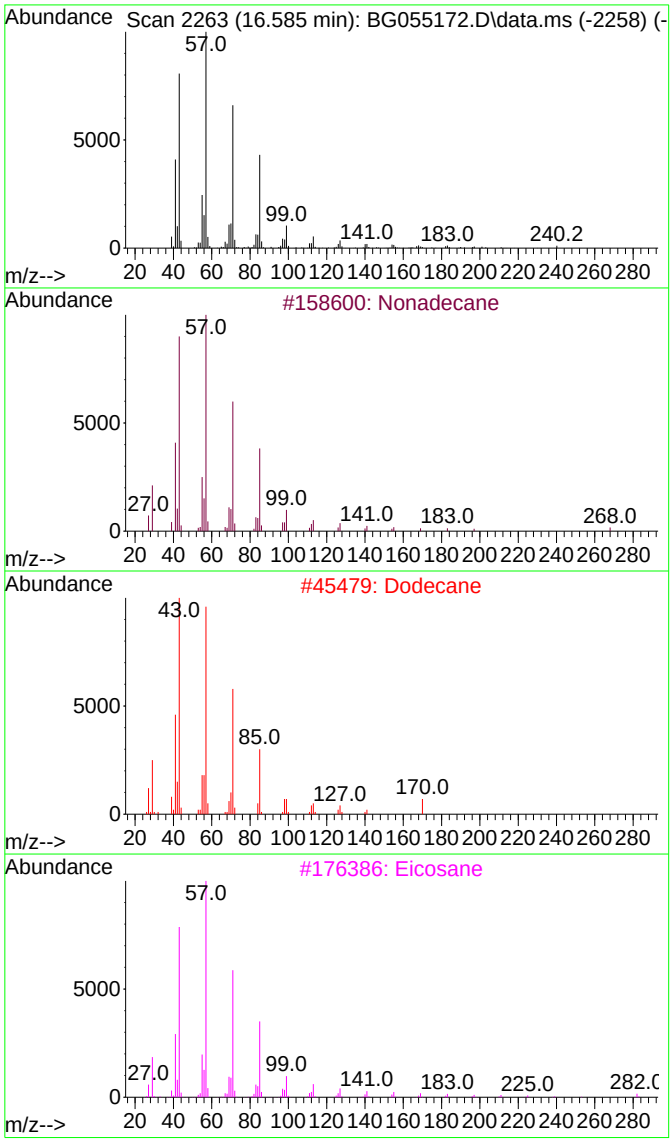
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

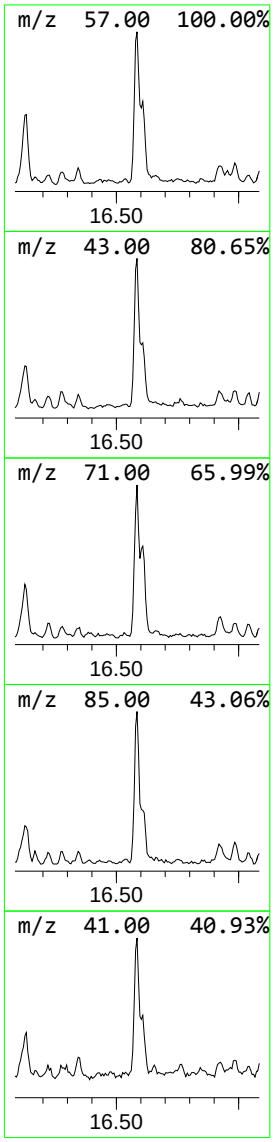
****

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.585	13.65 ng	376928	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Dodecane	170	C12H26	000112-40-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.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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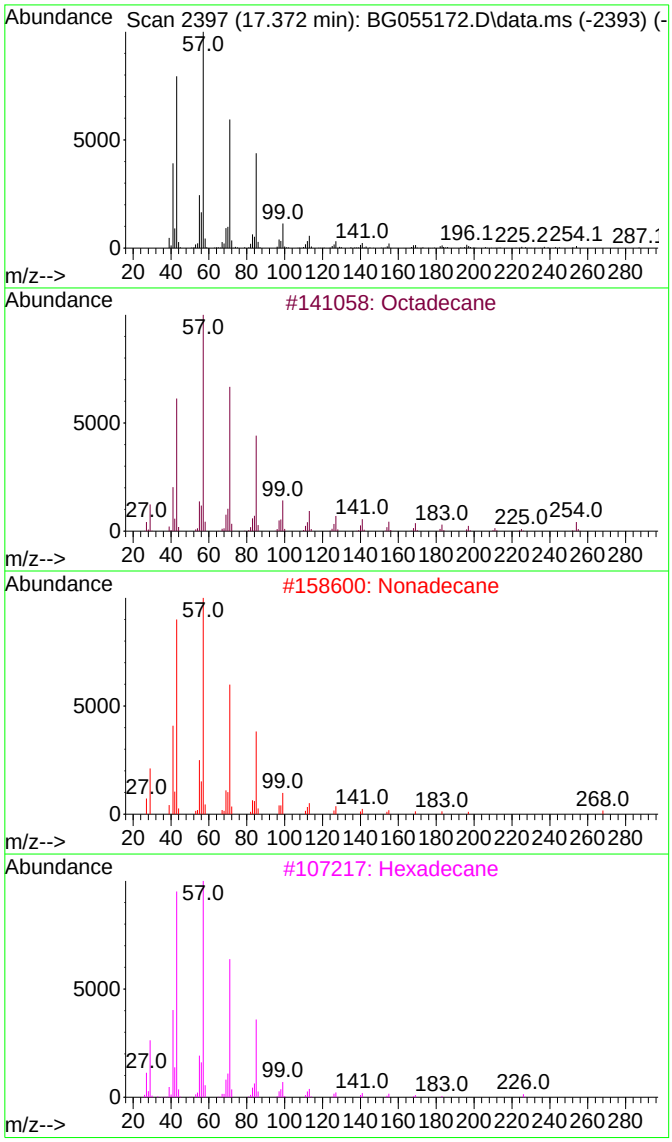
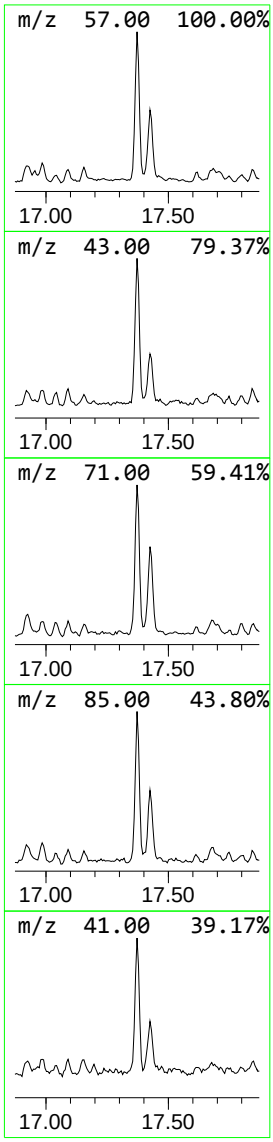
Peak Number 10 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.372	11.62 ng	321057	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane	184	C13H28	000629-50-5	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-101122

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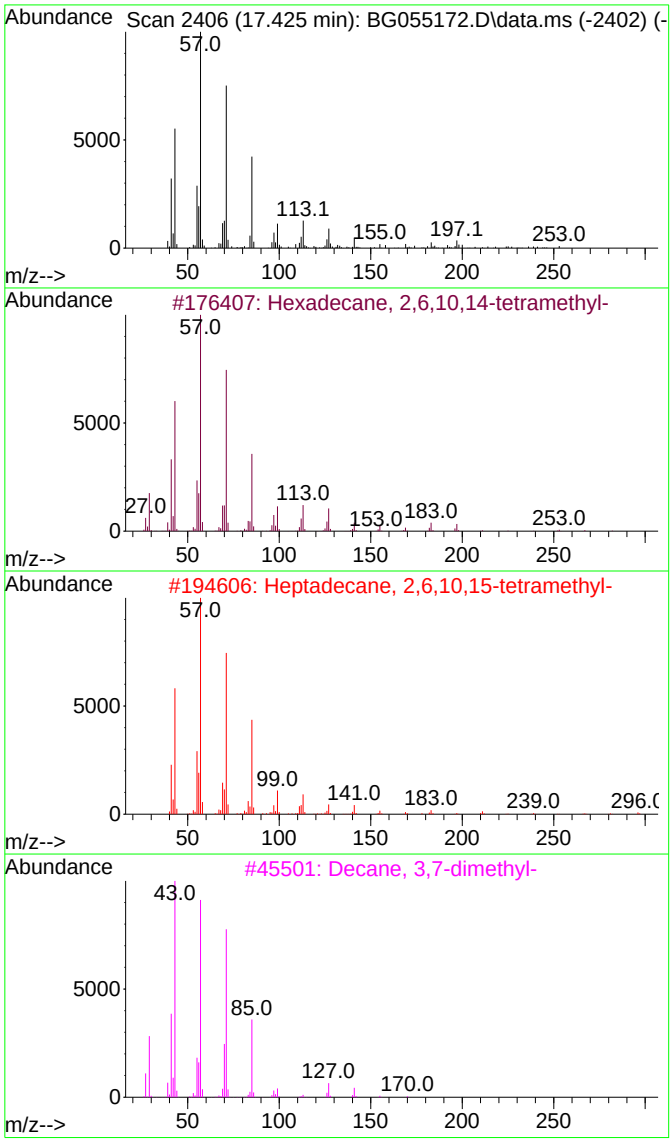
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

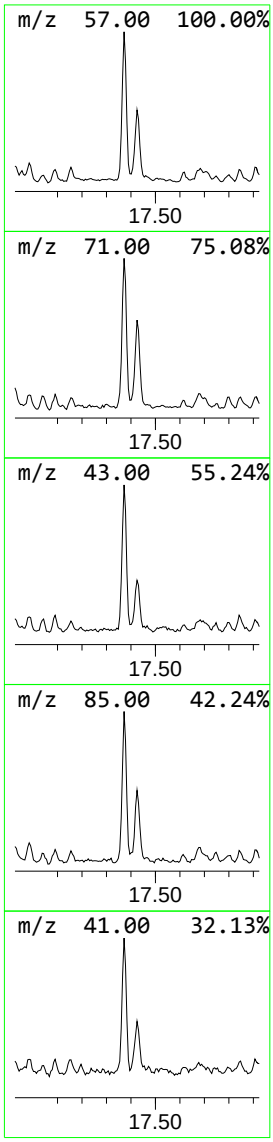
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.425	5.77 ng	159255	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





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Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

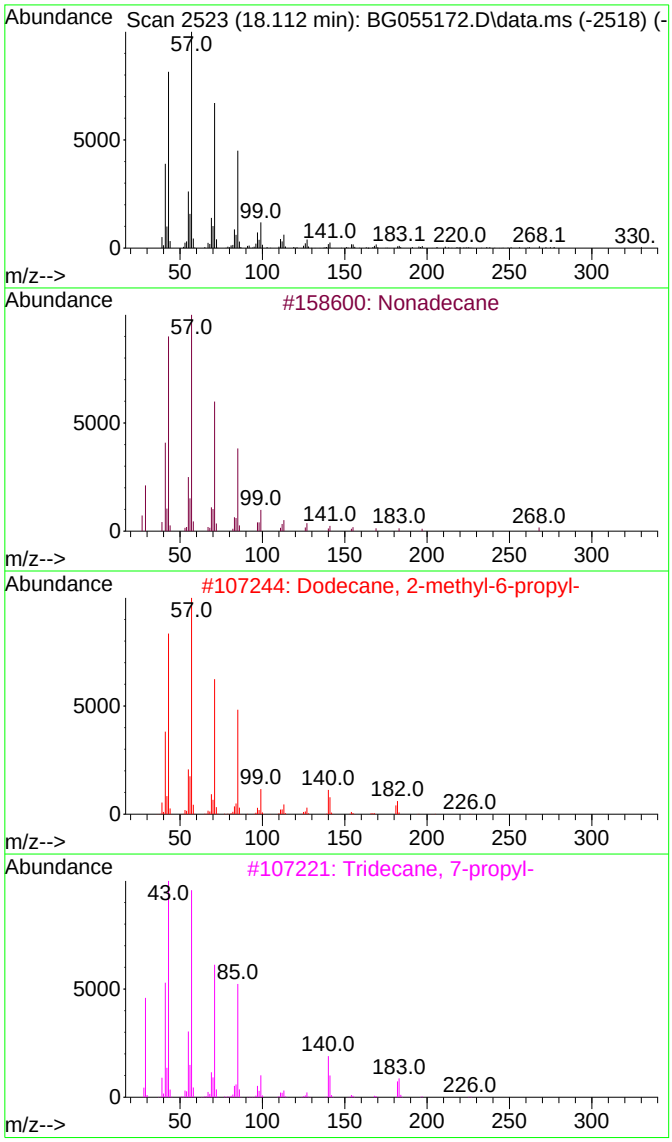
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

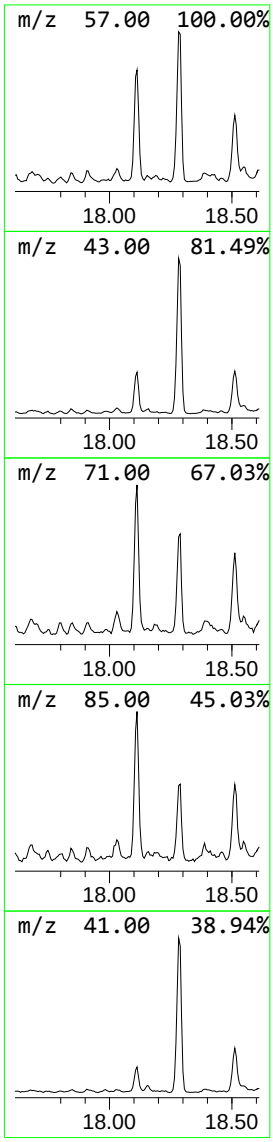
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.112	11.15 ng	307989	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

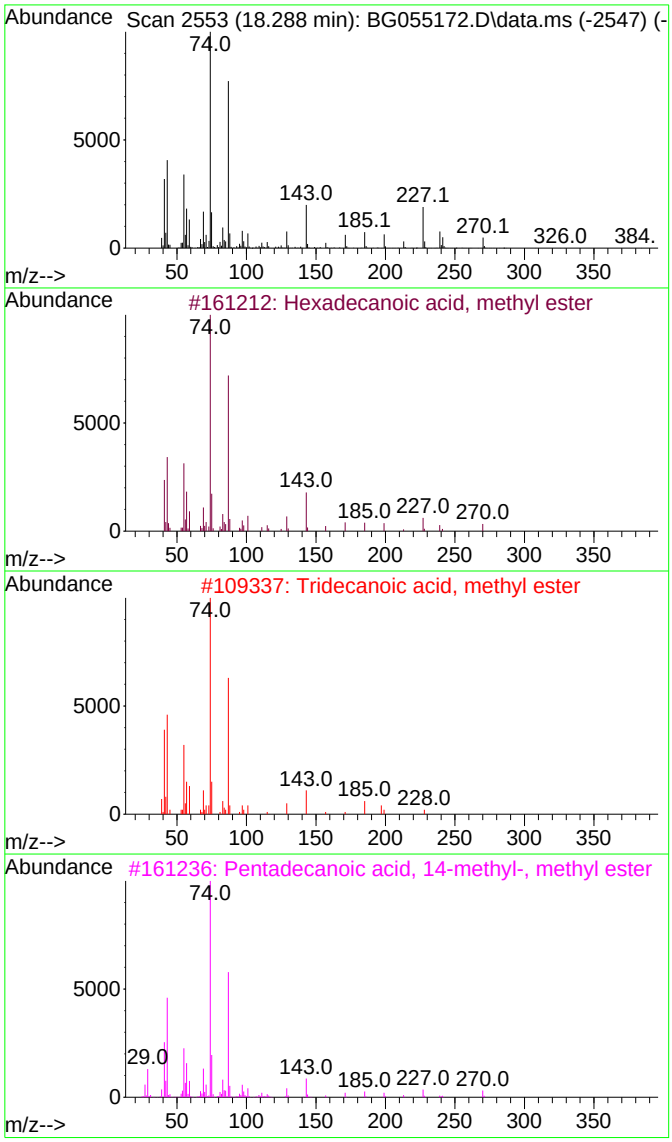
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

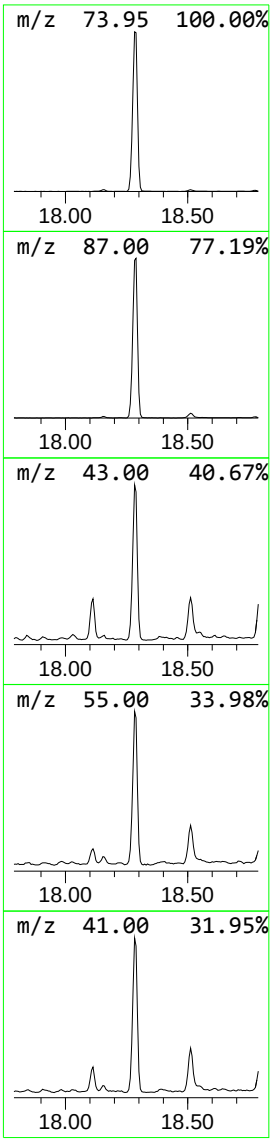
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.288	96.78 ng	2673080	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

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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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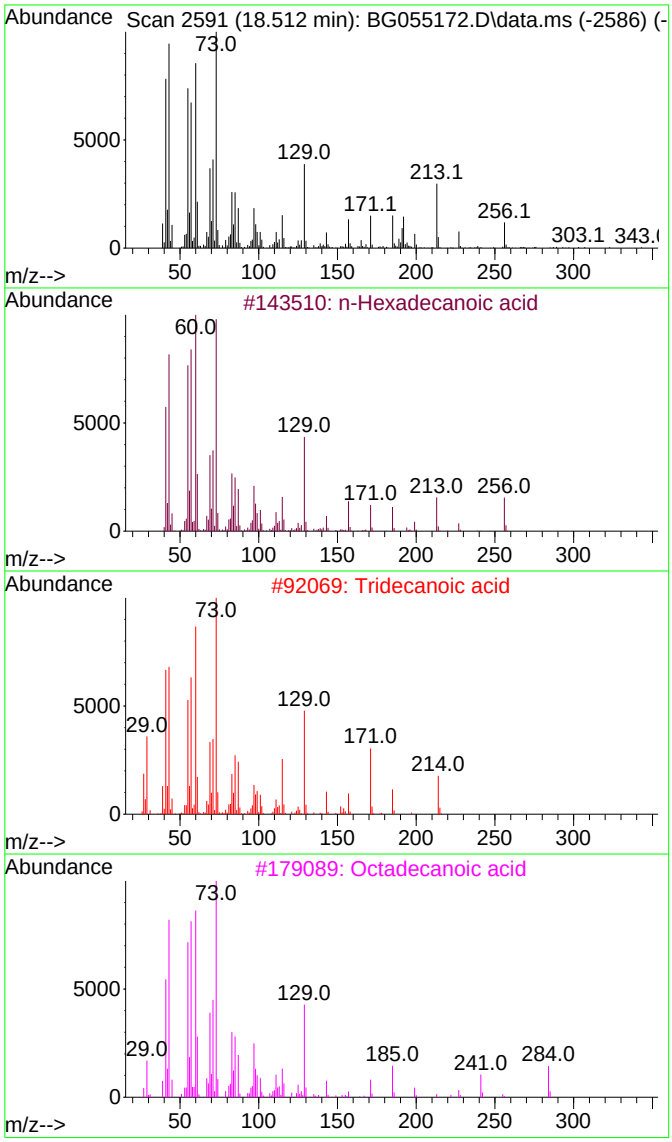
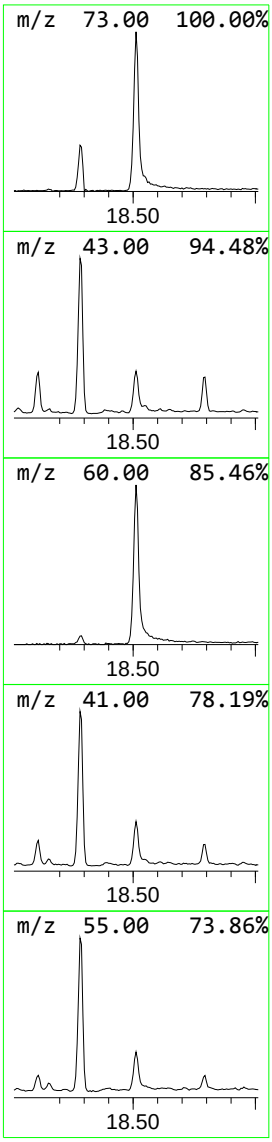
Peak Number 14 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	27.16 ng	750219	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

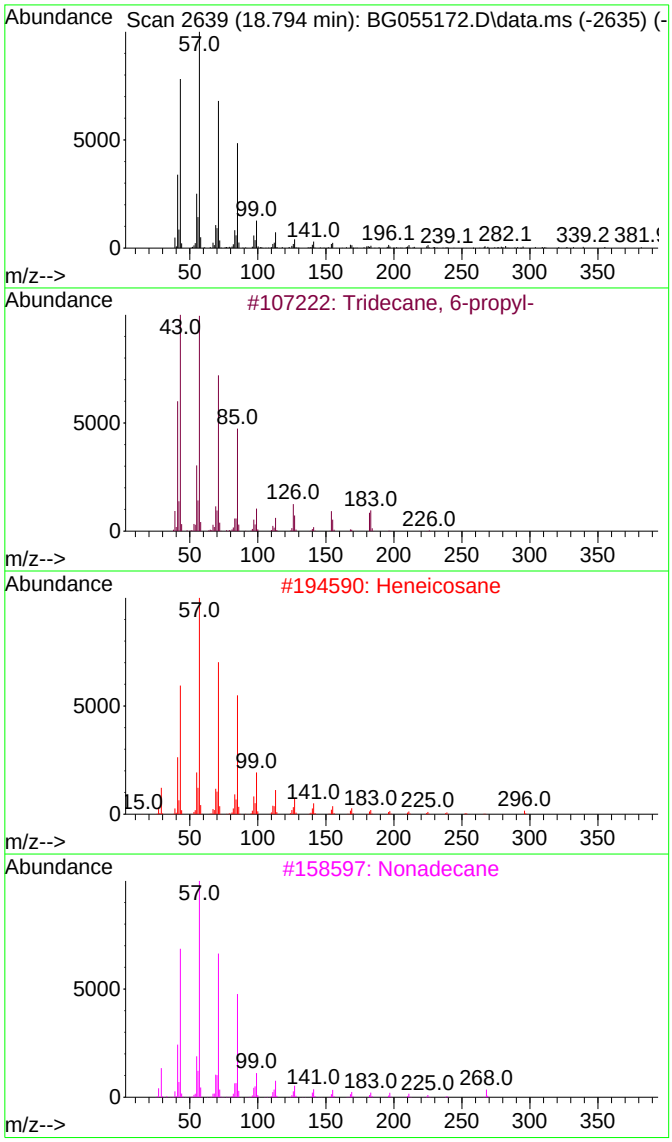
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

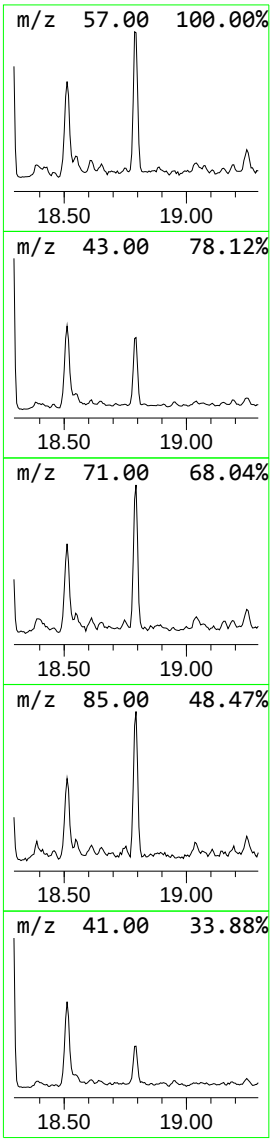
****

Peak Number 15 Tridecane, 6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.794	8.68 ng	239616	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	90





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Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

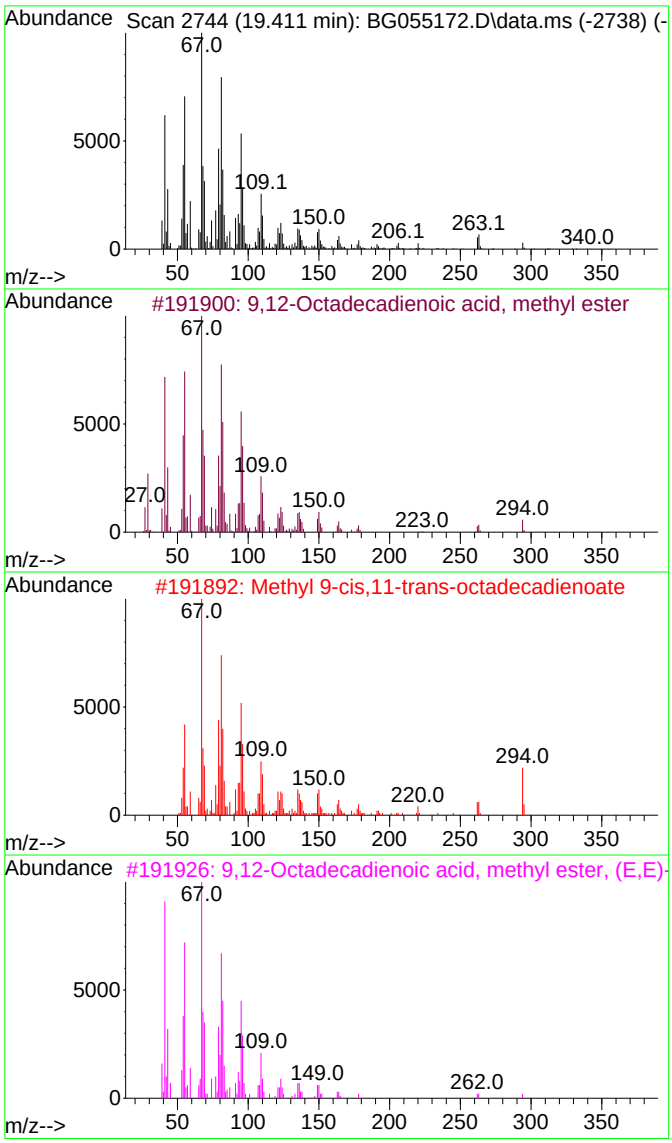
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

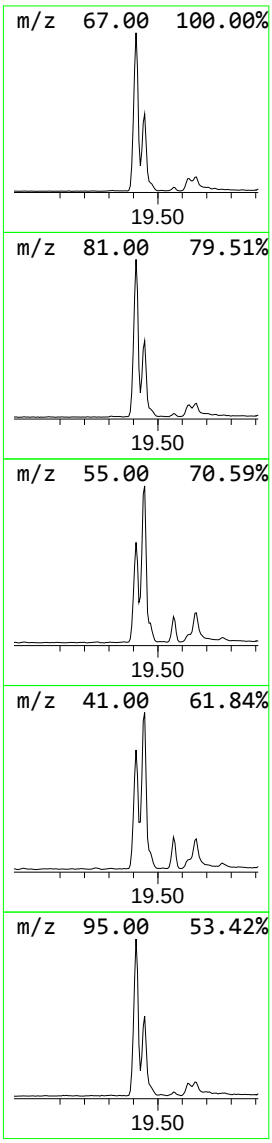
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.411	195.04 ng	5386880	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	96
5	9,12-Octadecadienal	264	C18H32O	026537-70-2	94





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

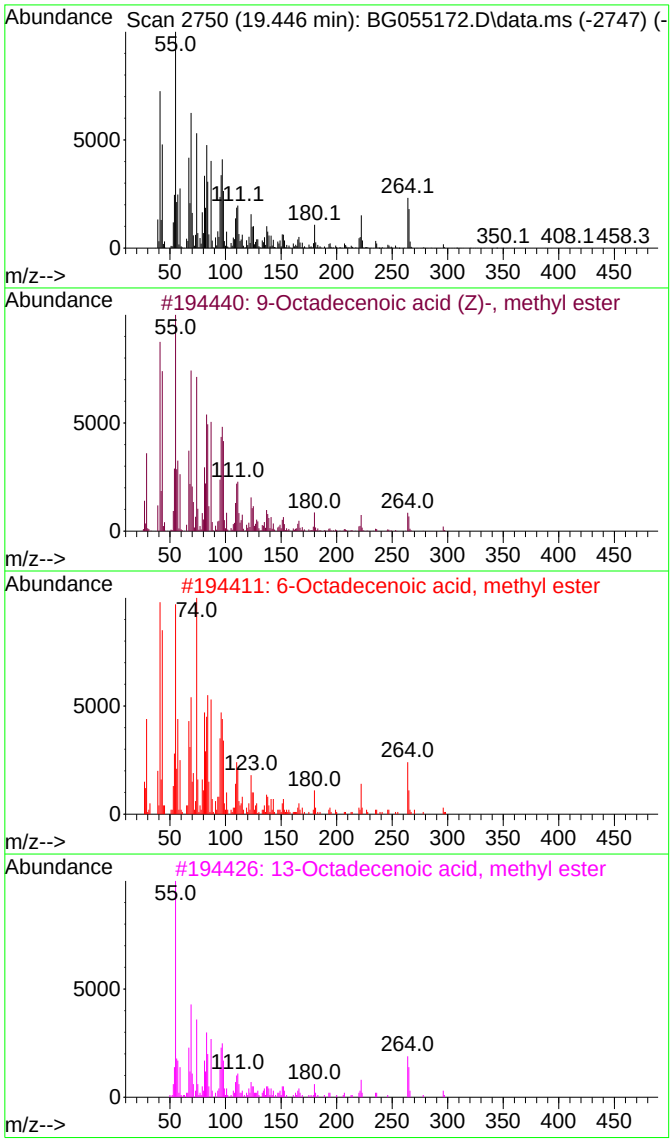
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

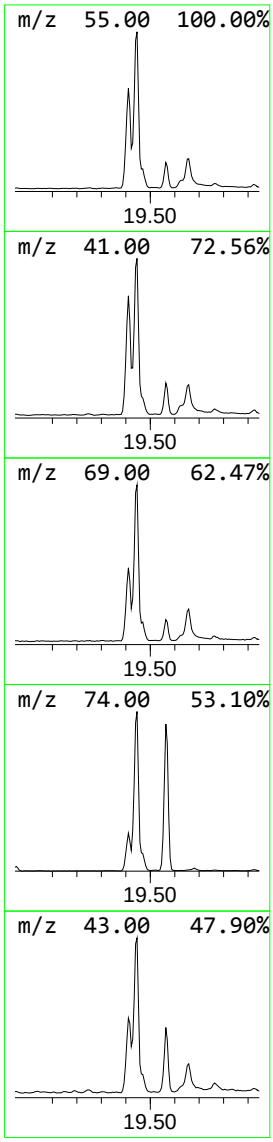
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.446	223.69 ng	6178070	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	94





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Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

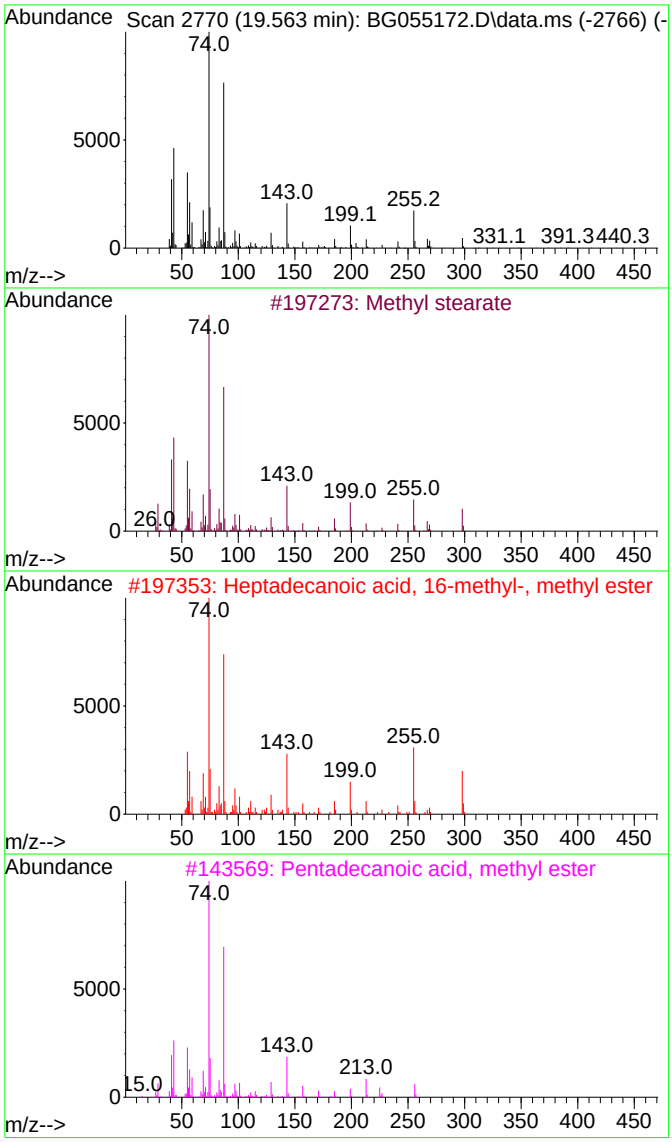
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

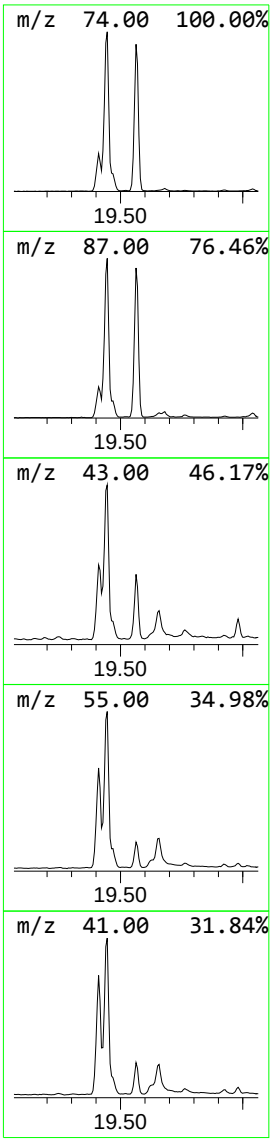
****

Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.564	42.62 ng	1177230	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

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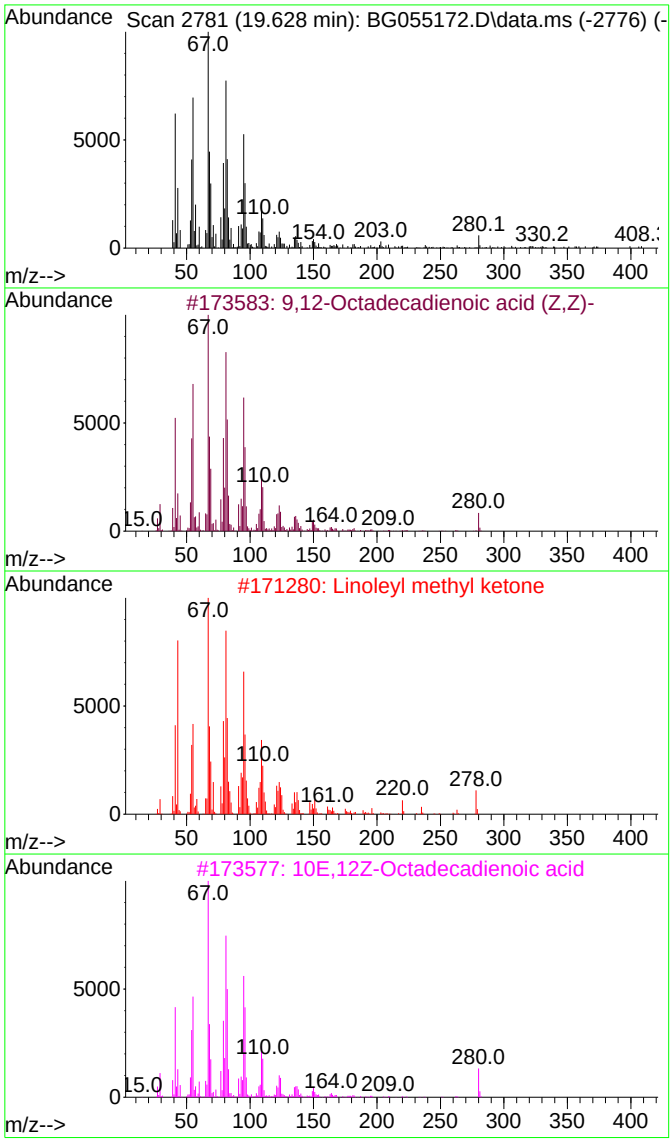
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

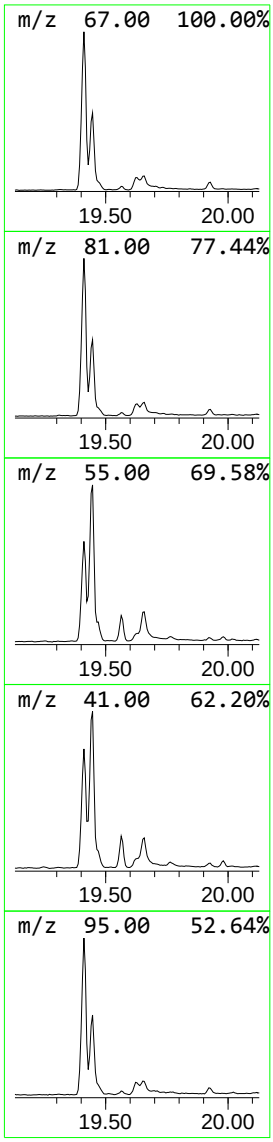
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.628	13.02 ng	359709	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoleyl methyl ketone	278	C19H34O	029204-24-8	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
4	Linoelaidic acid	280	C18H32O2	000506-21-8	98
5	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98





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Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

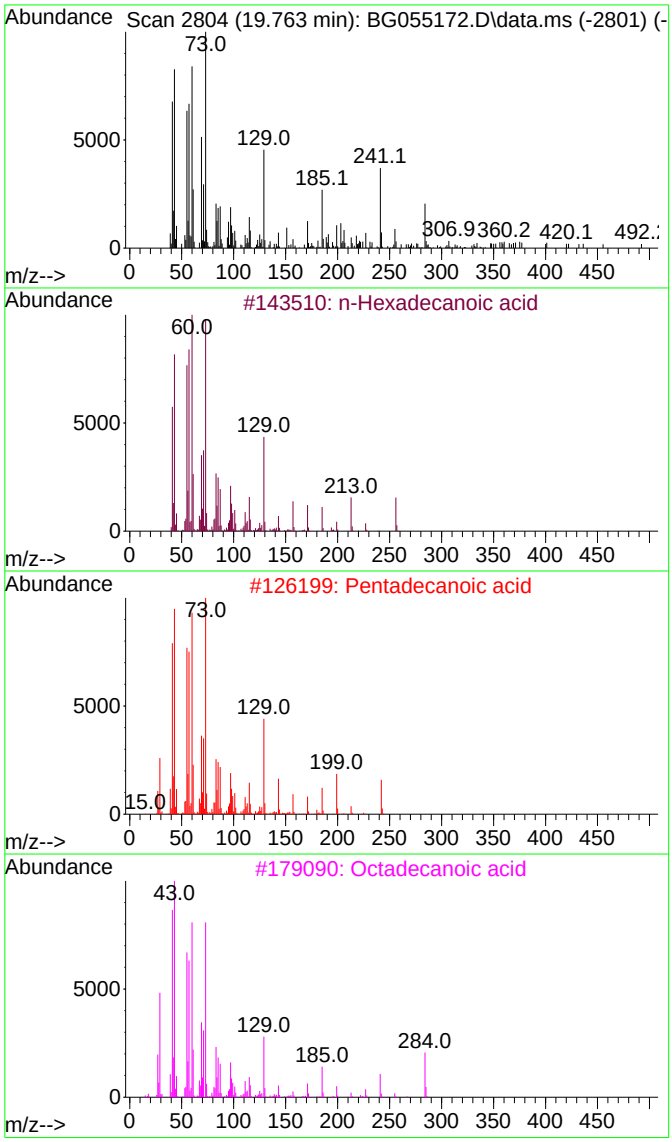
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

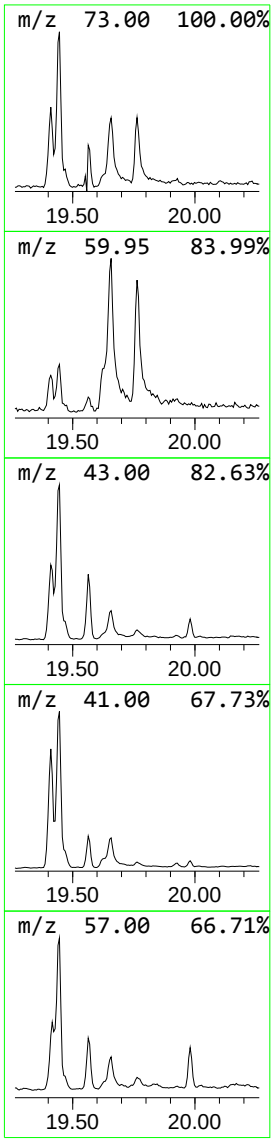
****

Peak Number 20 Pentadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.763	6.23 ng	172050	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055172.D
Acq On : 13 Oct 2022 20:48
Operator : CG/JU
Sample : N5104-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.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...	3.330	15.5	ng	225336	1	8.312	290338	20.0
2-Pentanone, 4-...	5.351	6.8	ng	99239	1	8.312	290338	20.0
Tridecane	12.507	6.3	ng	125714	2	11.138	395640	20.0
Tetradecane	13.723	8.0	ng	213190	3	14.916	530140	20.0
Hexadecane	14.370	6.1	ng	161535	3	14.916	530140	20.0
Pentadecane	14.781	10.2	ng	269313	3	14.916	530140	20.0
Pentadecane, 2-...	15.727	12.0	ng	317856	3	14.916	530140	20.0
Pentadecane, 2,...	16.126	6.6	ng	174158	3	14.916	530140	20.0
Nonadecane	16.585	13.7	ng	376928	4	17.648	552376	20.0
Octadecane	17.372	11.6	ng	321057	4	17.648	552376	20.0
Hexadecane, 2,6...	17.425	5.8	ng	159255	4	17.648	552376	20.0
Dodecane, 2-met...	18.112	11.2	ng	307989	4	17.648	552376	20.0
Hexadecanoic ac...	18.288	96.8	ng	2673080	4	17.648	552376	20.0
n-Hexadecanoic ...	18.512	27.2	ng	750219	4	17.648	552376	20.0
Tridecane, 6-pr...	18.794	8.7	ng	239616	4	17.648	552376	20.0
9,12-Octadecadi...	19.411	195.0	ng	5386880	4	17.648	552376	20.0
9-Octadecenoic ...	19.446	223.7	ng	6178070	4	17.648	552376	20.0
Methyl stearate	19.564	42.6	ng	1177230	4	17.648	552376	20.0
9,12-Octadecadi...	19.628	13.0	ng	359709	4	17.648	552376	20.0
Pentadecanoic acid	19.763	6.2	ng	172050	4	17.648	552376	20.0