LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.377	8	15	21	rVB3	13194	23643	1.98%	0.196%
2	5.386	352	357	364	rBV	19902	30674	2.57%	0.254%
3	5.856	431	437	445	rVB	113960	189211	15.84%	1.569%
4	7.466	704	711	720	rBV	122777	212126	17.76%	1.759%
5	8.336	853	859	867	rVB	194659	329292	27.57%	2.731%
6	9.511	1052	1059	1064	rBV2	66220	121687	10.19%	1.009%
7	11.109	1327	1331	1334	rBV3	12782	18490	1.55%	0.153%
8	11.168	1334	1341	1348	rVV	248278	446806	37.40%	3.705%
9	11.984	1473	1480	1485	rVB6	5495	12342	1.03%	0.102%
10	12.055	1485	1492	1498	rBV6	5879	14595	1.22%	0.121%
11	12.343	1533	1541	1544	rBV4	9252	15956	1.34%	0.132%
12	12.531	1568	1573	1577	rBV4	21218	33077	2.77%	0.274%
13	12.801	1614	1619	1623	rVB2	8938	13684	1.15%	0.113%
14	13.013	1650	1655	1657	rBV3	9141	13665	1.14%	0.113%
15	13.036	1657	1659	1664	rVB4	11927	14099	1.18%	0.117%
16	13.465	1726	1732	1736	rVV5	6398	13359	1.12%	0.111%
17	13.571	1743	1750	1756	rBV	254258	381880	31.97%	3.167%
18	13.747	1774	1780	1785	rBV3	25517	39000	3.26%	0.323%
19	13.888	1798	1804	1810	rVB5	6818	13702	1.15%	0.114%
20	14.111	1836	1842	1844	rBV5	7898	13987	1.17%	0.116%
21	14.270	1864	1869	1873	rVV4	14413	25143	2.10%	0.209%
22	14.317	1873	1877	1881	rVV5	12869	18383	1.54%	0.152%
23	14.399	1882	1891	1895	rVV8	14731	31416	2.63%	0.261%
24	14.446	1895	1899	1904	rVV6	8064	13734	1.15%	0.114%
25	14.517	1904	1911	1915	rBV7	9766	19665	1.65%	0.163%
26	14.805	1956	1960	1964	rBV2	30363	37843	3.17%	0.314%
27	14.946	1976	1984	1991	rVB	445887	713616	59.74%	5.918%
28	15.010	1991	1995	1998	rVV5	9912	14403	1.21%	0.119%
29	15.151	2012	2019	2023	rBV6	5649	12554	1.05%	0.104%
30	15.328	2047	2049	2058	rVB6	11119	21564	1.81%	0.179%
31	15.404	2058	2062	2069	rBV6	11374	23752	1.99%	0.197%
32	15.486	2071	2076	2080	rVB8	7959	12963	1.09%	0.107%
33	15.551	2080	2087	2089	rBV8	11768	21109	1.77%	0.175%
34	15.604	2093	2096	2102	rVB5	8235	12577	1.05%	0.104%
35	15.751	2116	2121	2127	rVB	35871	50968	4.27%	0.423%
36	15.986	2149	2161	2167	rBV5	20394	51348	4.30%	0.426%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.150	2181	2189	2192	rBV10	10783	21577	1.81%	0.179%
38	16.420	2229	2235	2242	rVB2	174565	269706	22.58%	2.237%
39	16.608	2262	2267	2271	rBV3	36882	62391	5.22%	0.517%
40	17.026	2336	2338	2342	rVB3	9576	12741	1.07%	0.106%
41	17.255	2374	2377	2384	rVB7	6727	15017	1.26%	0.125%
42	17.325	2384	2389	2395	rBV6	10996	22637	1.90%	0.188%
43	17.396	2397	2401	2407	rVV2	31023	46984	3.93%	0.390%
44	17.454	2407	2411	2414	rVV5	14217	22664	1.90%	0.188%
45	17.496	2415	2418	2424	rVB	14014	21874	1.83%	0.181%
46	17.678	2442	2449	2454	rBV	553450	888000	74.34%	7.364%
47	17.725	2454	2457	2462	rVB	134284	187229	15.67%	1.553%
48	17.813	2468	2472	2477	rBV	27397	45104	3.78%	0.374%
49	17.872	2477	2482	2486	rVB8	14657	25025	2.09%	0.208%
50	18.136	2523	2527	2532	rBV2	29294	35650	2.98%	0.296%
51	18.183	2532	2535	2540	rVV6	20494	25497	2.13%	0.211%
52	18.259	2544	2548	2551	rVV2	17678	24964	2.09%	0.207%
53	18.306	2551	2556	2566	rVB	211292	263169	22.03%	2.182%
54	18.400	2568	2572	2578	rBV4	14368	30509	2.55%	0.253%
55	18.524	2589	2593	2596	rBV2	91115	134861	11.29%	1.118%
56	18.594	2602	2605	2610	rVB	69167	90937	7.61%	0.754%
57	18.677	2615	2619	2623	rVB2	21393	29714	2.49%	0.246%
58	18.735	2624	2629	2634	rVV2	59215	129755	10.86%	1.076%
59	18.776	2634	2636	2640	rVV2	39714	44611	3.73%	0.370%
60	18.818	2640	2643	2646	rVB4	21175	24670	2.07%	0.205%
61	19.035	2676	2680	2683	rBV	30293	42049	3.52%	0.349%
62	19.076	2684	2687	2696	rVB6	23945	44857	3.76%	0.372%
63	19.270	2714	2720	2724	rBV6	21710	45973	3.85%	0.381%
64	19.329	2726	2730	2733	rBV2	29418	37973	3.18%	0.315%
65	19.364	2734	2736	2740	rVB2	20883	19622	1.64%	0.163%
66	19.429	2743	2747	2749	rBV	340078	416722	34.89%	3.456%
67	19.464	2749	2753	2756	rVV2	822213	1055851	88.39%	8.756%
68	19.493	2756	2758	2764	rVB6	56310	70177	5.87%	0.582%
69	19.587	2769	2774	2779	rBV2	179420	226921	19.00%	1.882%
70	19.640	2779	2783	2785	rBV3	79876	107688	9.02%	0.893%
71	19.670	2785	2788	2791	rVV	212606	268930	22.51%	2.230%
72	19.711	2791	2795	2800	rVB	258965	378183	31.66%	3.136%
73	20.034	2847	2850	2851	rBV2	30070	30956	2.59%	0.257%
74	20.069	2852	2856	2863	rVV	306529	462634	38.73%	3.836%
75	20.140	2865	2868	2873	rVB	40040	50998	4.27%	0.423%
76	20.251	2882	2887	2892	rVB	428793	542072	45.38%	4.495%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.657	2952	2956	2961	rBV3	30524	60701	5.08%	0.503%
78	20.715	2962	2966	2970	rVB	53970	71317	5.97%	0.591%
79	20.850	2987	2989	2993	rVV	49666	62677	5.25%	0.520%
80	20.903	2995	2998	3006	rVB2	58476	107867	9.03%	0.895%
81	21.979	3172	3181	3186	rBV3	552166	1194524	100.00%	9.906%
82	22.026	3186	3189	3198	rVB	115967	193348	16.19%	1.603%
83	24.335	3576	3582	3584	rBV2	57065	115503	9.67%	0.958%
84	25.439	3760	3770	3779	rBV2	304774	943667	79.00%	7.826%

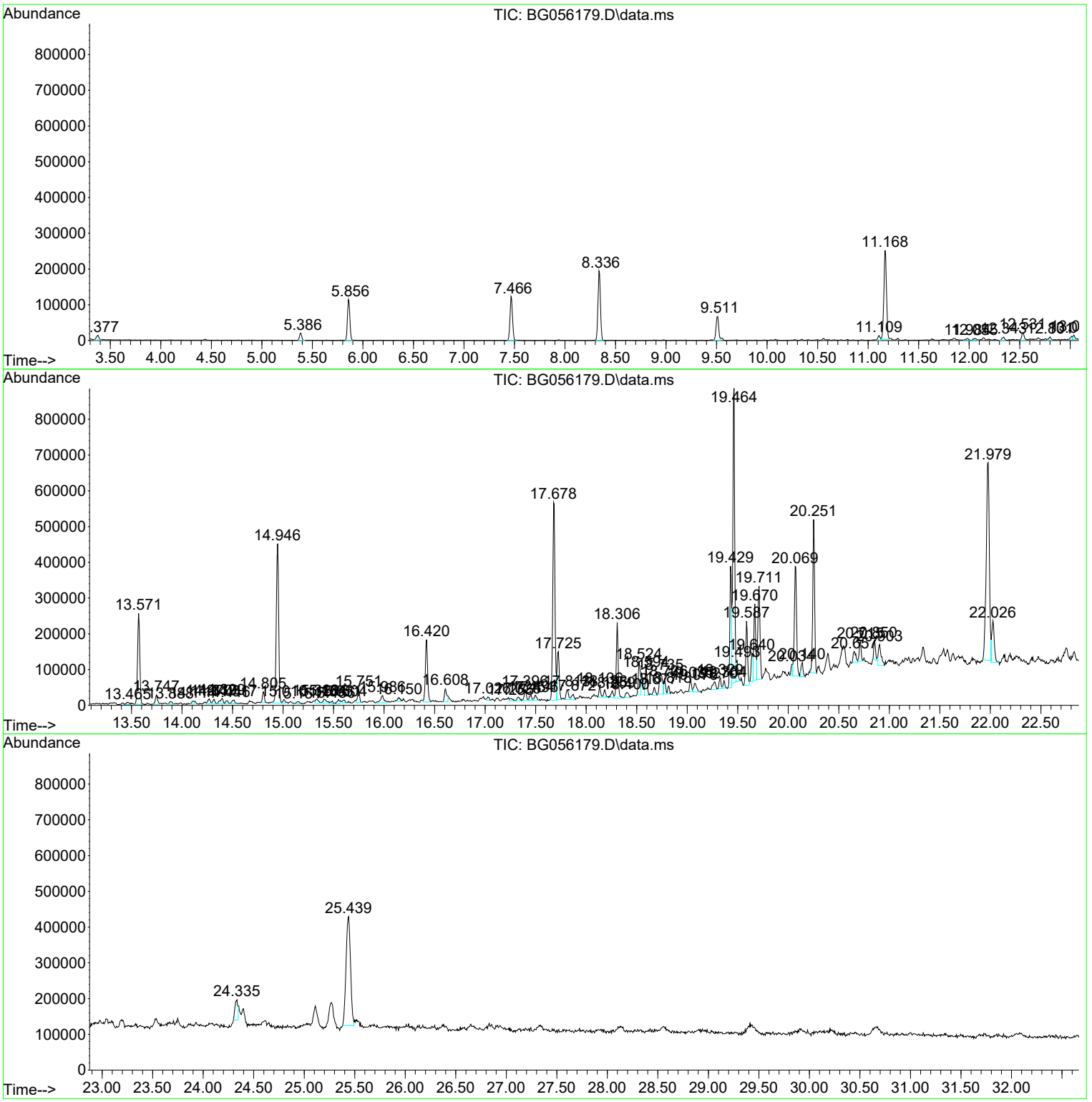
Sum of corrected areas: 12058809

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

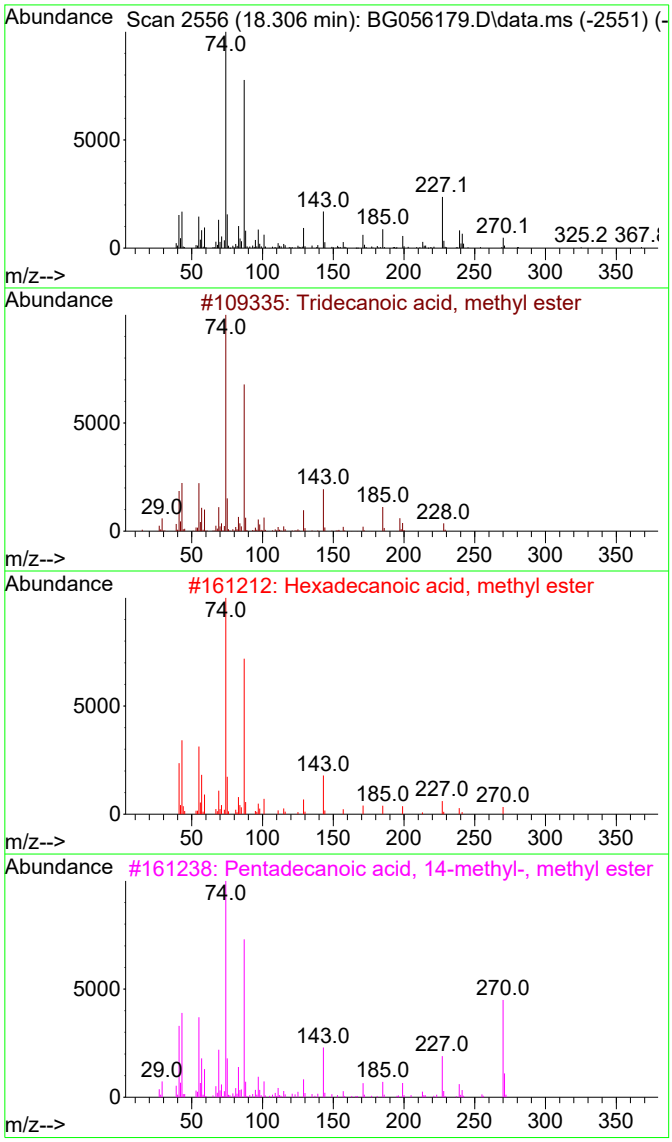
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

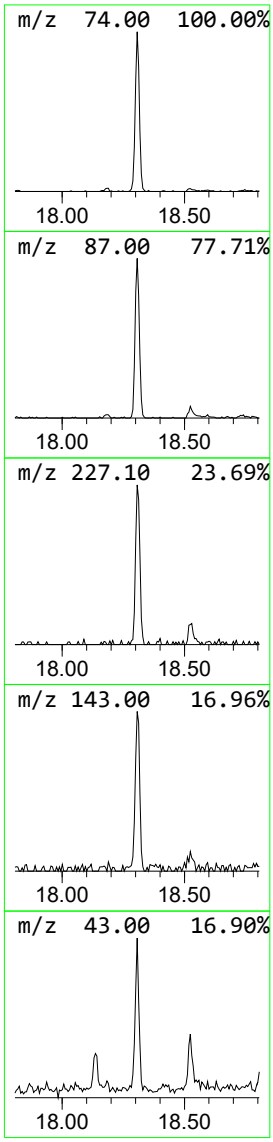
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.306	5.93 ng	263169	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

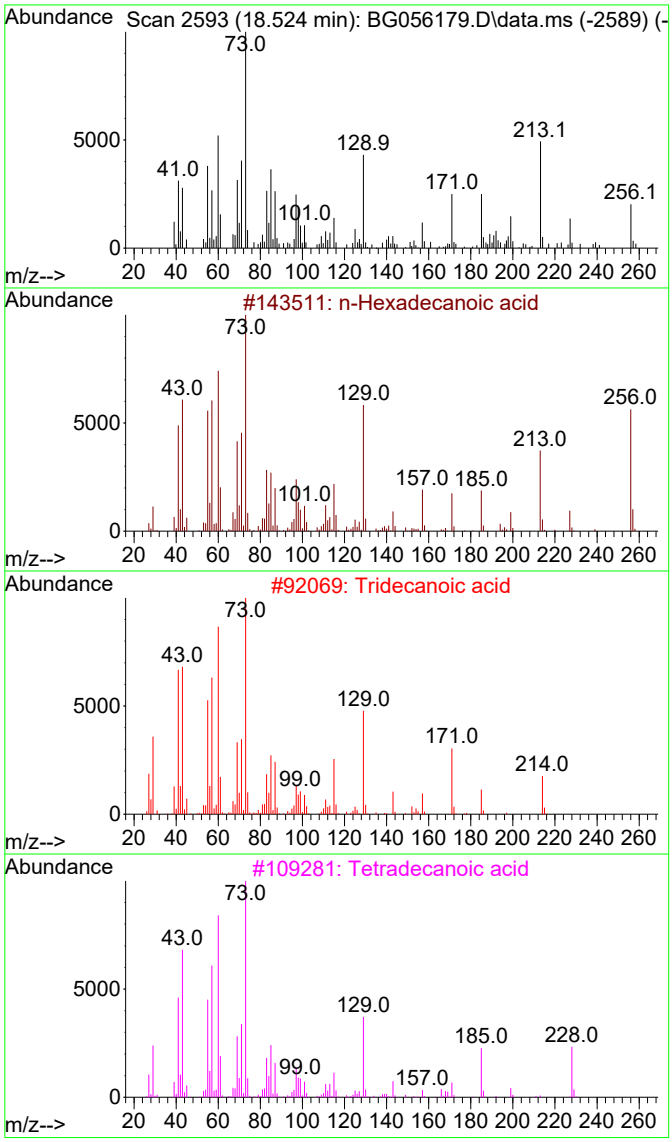
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

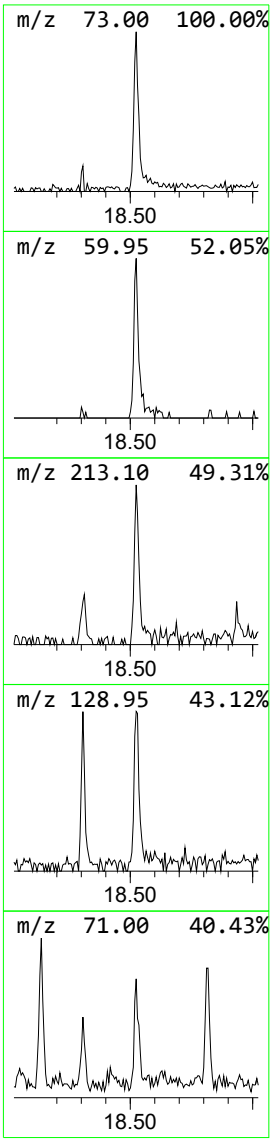
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.524	3.04 ng	134861	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

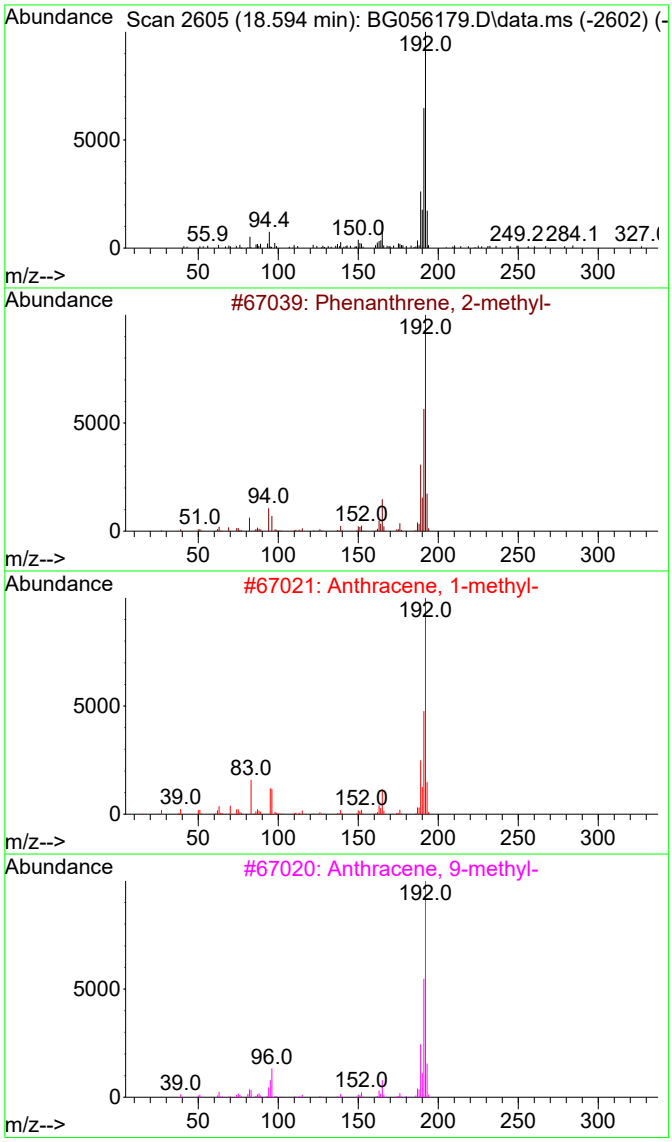
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

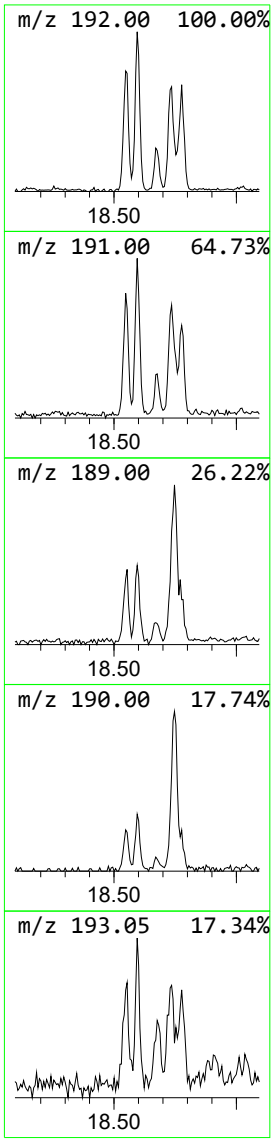
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	2.05 ng	90937	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

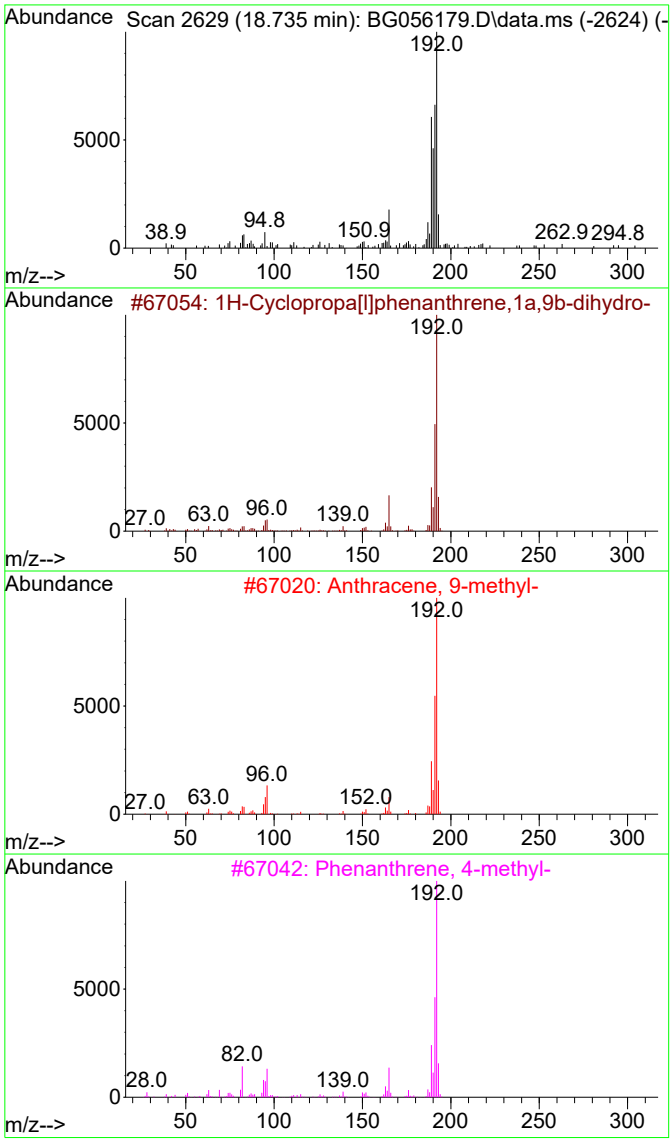
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

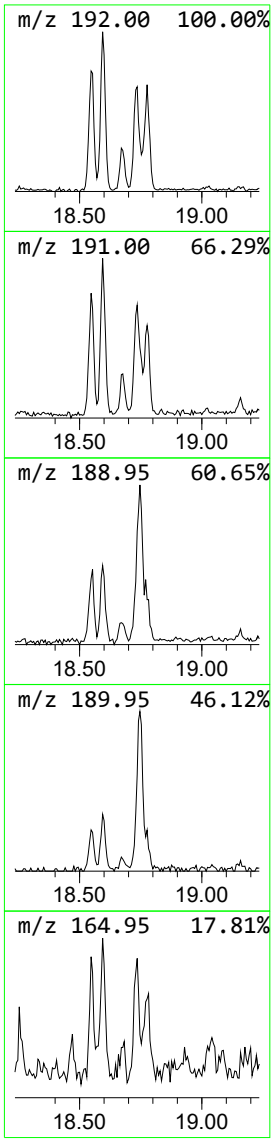
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.735	2.92 ng	129755	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

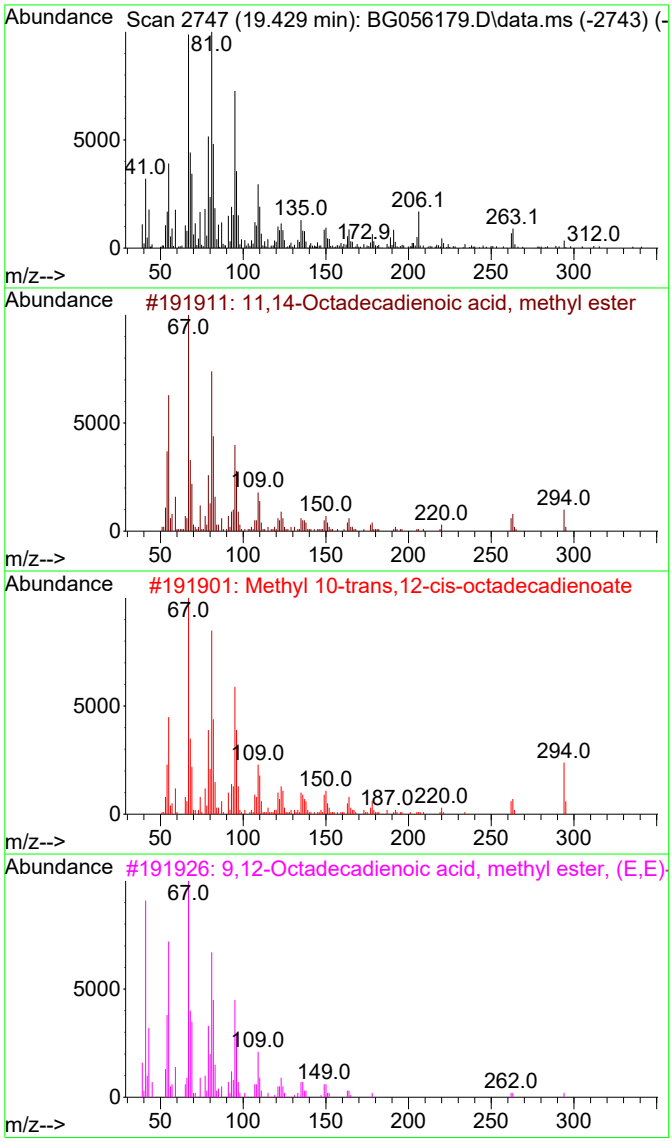
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

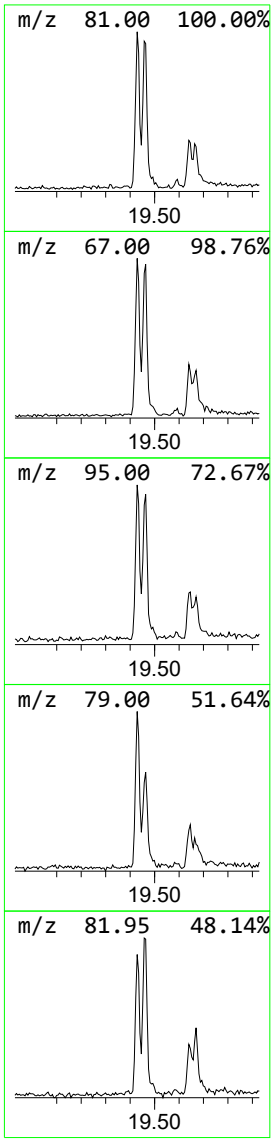
****

Peak Number 5 11,14-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.429	9.39 ng	416722	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	93
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	92
4	Isopropyl linoleate	322	C21H38O2	022882-95-7	91
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

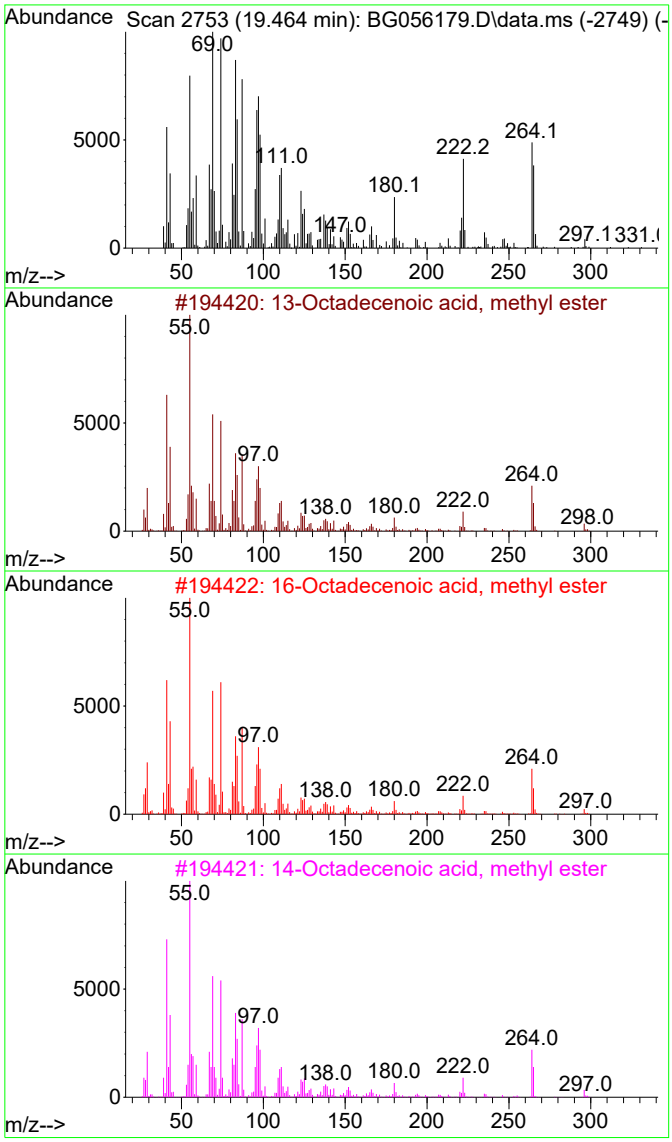
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

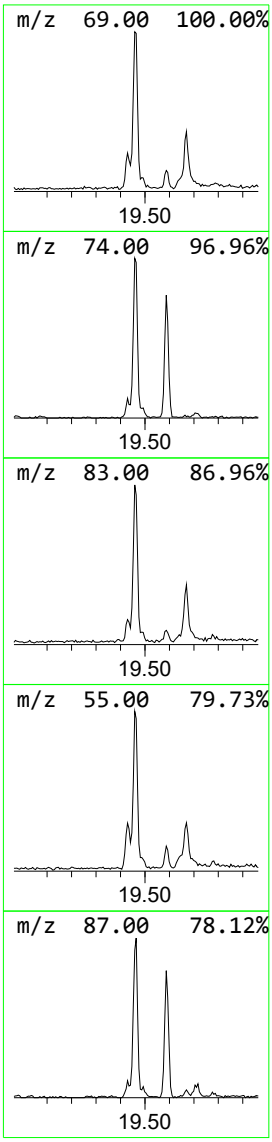
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.464	23.78 ng	1055850	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98





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Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

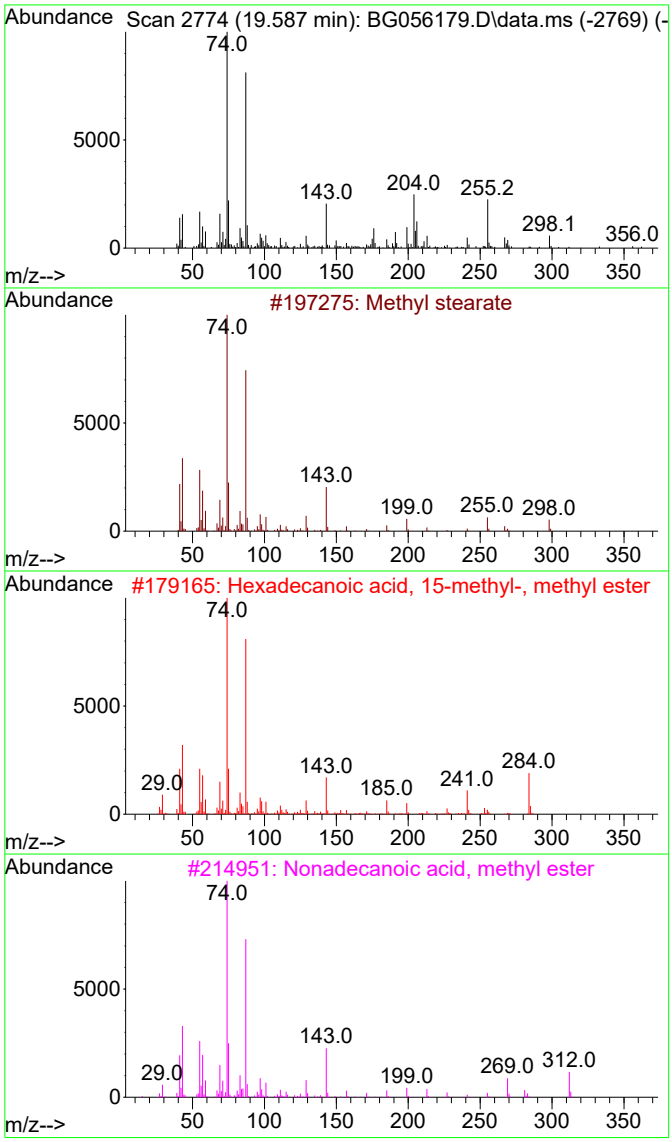
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

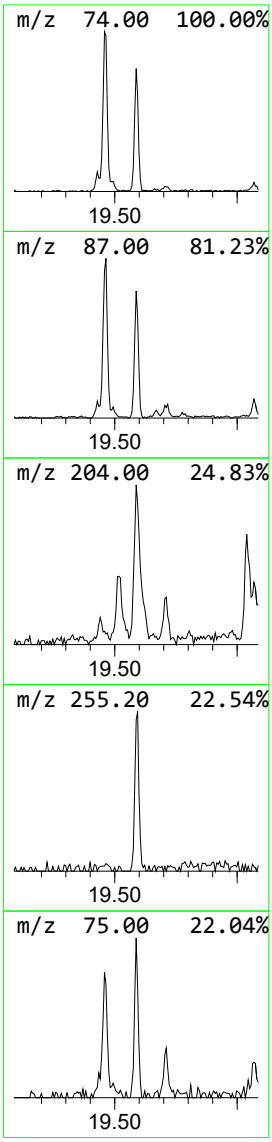
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.587	5.11 ng	226921	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	93
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	92
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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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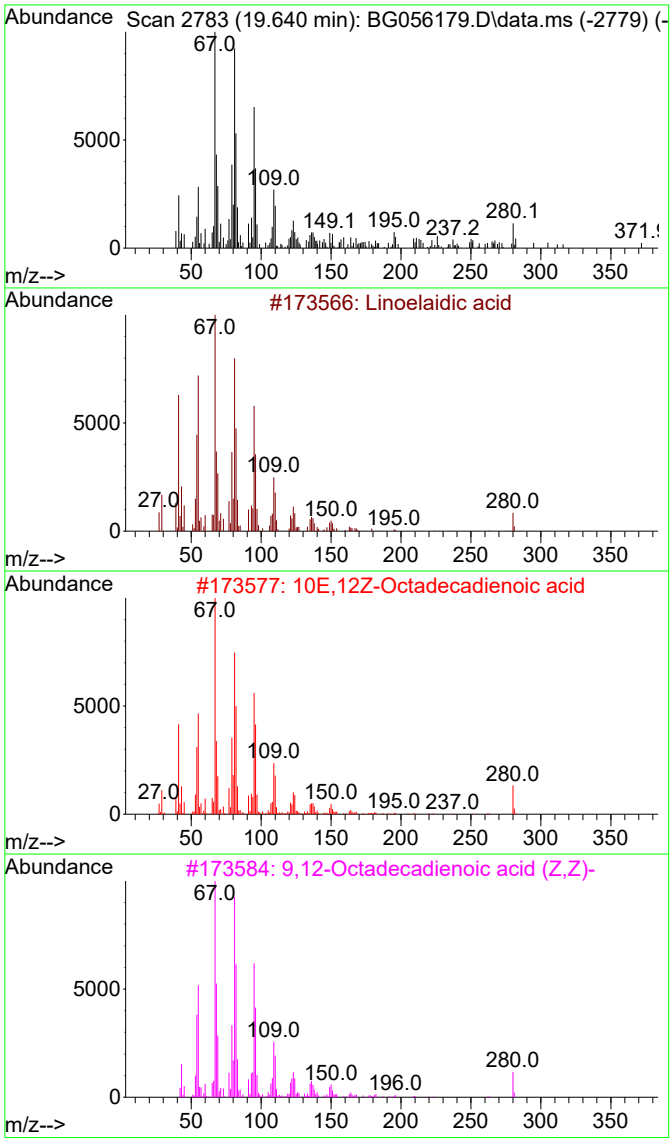
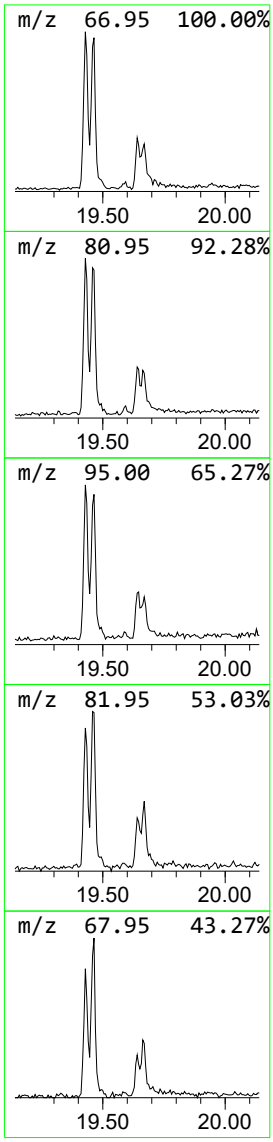
Peak Number 8 Linoelaidic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.640	2.43 ng	107688	Phenanthrene-d10	17.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	96
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	95
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
4	7-Tetradecyne	194	C14H26	035216-11-6	92
5	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056179.D
Acq On : 30 Dec 2022 20:39
Operator : CG/JU
Sample : N6235-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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
Tridecanoic aci...	18.306	5.9	ng	263169	4	17.678	888000	20.0
n-Hexadecanoic ...	18.524	3.0	ng	134861	4	17.678	888000	20.0
Phenanthrene, 2...	18.594	2.0	ng	90937	4	17.678	888000	20.0
1H-Cyclopropa[l...	18.735	2.9	ng	129755	4	17.678	888000	20.0
11,14-Octadecad...	19.429	9.4	ng	416722	4	17.678	888000	20.0
13-Octadecenoic...	19.464	23.8	ng	1055850	4	17.678	888000	20.0
Methyl stearate	19.587	5.1	ng	226921	4	17.678	888000	20.0
Linoelaidic acid	19.640	2.4	ng	107688	4	17.678	888000	20.0