LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

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_M\Methods\8270-BM052323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	361	375	383	rBV	9621979	14356782	13.74%	1.090%
2	5.569	383	388	397	rVB2	1667411	2282281	2.18%	0.173%
3	6.099	471	478	488	rVB	4615823	6343806	6.07%	0.482%
4	7.105	645	649	654	rVV	1021551	1723456	1.65%	0.131%
5	8.087	809	816	825	rVB	9490277	14027024	13.42%	1.065%
6	8.757	923	930	936	rBV	4302288	6111512	5.85%	0.464%
7	9.187	995	1003	1010	rBV	2918039	4823224	4.61%	0.366%
8	9.287	1010	1020	1025	rBV	10751204	16327872	15.62%	1.239%
9	9.393	1025	1038	1043	rVB	1520835	4924820	4.71%	0.374%
10	10.422	1148	1213	1217	rBV2	6979978	59929940	57.34%	4.549%
11	10.834	1273	1283	1293	rVB	1445552	2785253	2.66%	0.211%
12	12.245	1518	1523	1529	rVV	1932711	2636213	2.52%	0.200%
13	12.487	1555	1564	1579	rVB	2633984	6008594	5.75%	0.456%
14	13.281	1694	1699	1707	rVB	8501773	11923507	11.41%	0.905%
15	13.616	1751	1756	1777	rVB	4873201	7578184	7.25%	0.575%
16	14.533	1908	1912	1920	rBV2	2048466	3199096	3.06%	0.243%
17	14.651	1925	1932	1937	rBV2	1967471	3489402	3.34%	0.265%
18	15.133	1994	2014	2024	rBV	13374513	37906416	36.27%	2.877%
19	15.645	2094	2101	2109	rBV	2829354	4143992	3.96%	0.315%
20	16.004	2159	2162	2167	rVB	1724370	2171137	2.08%	0.165%
21	16.133	2179	2184	2189	rBV	3285568	4482025	4.29%	0.340%
22	16.345	2215	2220	2229	rBV	7089162	8994415	8.61%	0.683%
23	16.563	2252	2257	2261	rBV	8383823	11032177	10.56%	0.837%
24	16.616	2261	2266	2270	rVV	17299247	24427275	23.37%	1.854%
25	16.663	2270	2274	2285	rVB	11665726	15471359	14.80%	1.174%
26	16.833	2290	2303	2308	rVV	14902159	32980299	31.55%	2.503%
27	16.898	2310	2314	2326	rVB	3510458	5486084	5.25%	0.416%
28	17.157	2353	2358	2372	rVB	1661793	2626091	2.51%	0.199%
29	17.316	2378	2385	2391	rBV3	1443325	2122282	2.03%	0.161%
30	17.392	2393	2398	2403	rBV	2425036	3378810	3.23%	0.256%
31	17.880	2476	2481	2492	rBV	5553132	7273719	6.96%	0.552%
32	18.321	2545	2556	2561	rBV	18440919	38263877	36.61%	2.905%
33	18.598	2594	2603	2610	rVB4	2041264	5015139	4.80%	0.381%
34	18.710	2618	2622	2625	rBV2	1278692	1647108	1.58%	0.125%
35	19.080	2679	2685	2690	rVB3	1617443	3272026	3.13%	0.248%
36	19.145	2690	2696	2702	rBV4	2032006	3665590	3.51%	0.278%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

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_M\Methods\8270-BM052323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.210	2703	2707	2716	rBV3	9365445	17614563	16.85%	1.337%
38	19.345	2722	2730	2735	rBV3	2347972	3305782	3.16%	0.251%
39	19.433	2741	2745	2746	rBV2	1435515	1854620	1.77%	0.141%
40	19.463	2746	2750	2754	rBV	10013966	12579713	12.04%	0.955%
41	19.580	2760	2770	2775	rBV	14675482	26223019	25.09%	1.991%
42	19.621	2775	2777	2782	rVV3	2141861	3225577	3.09%	0.245%
43	19.751	2795	2799	2802	rVV	1890025	2094449	2.00%	0.159%
44	19.798	2802	2807	2814	rVB	13746355	18861065	18.05%	1.432%
45	19.910	2821	2826	2833	rVB	19581212	25778991	24.66%	1.957%
46	20.015	2839	2844	2850	rVB	16645372	19796721	18.94%	1.503%
47	20.074	2850	2854	2856	rVV	2362043	2483159	2.38%	0.188%
48	20.098	2856	2858	2865	rVB3	1098271	2072228	1.98%	0.157%
49	20.233	2875	2881	2886	rVB4	1479894	2395203	2.29%	0.182%
50	20.292	2887	2891	2894	rBV	16493690	22013457	21.06%	1.671%
51	20.333	2894	2898	2907	rVB	25946781	39291421	37.59%	2.983%
52	20.462	2913	2920	2924	rBV2	24204863	37081089	35.48%	2.815%
53	20.504	2924	2927	2930	rVV	3421263	4697393	4.49%	0.357%
54	20.533	2930	2932	2934	rVV	3911515	4568933	4.37%	0.347%
55	20.568	2934	2938	2940	rVV	15260078	20502763	19.62%	1.556%
56	20.592	2940	2942	2949	rVV2	11944163	16827827	16.10%	1.277%
57	20.651	2949	2952	2953	rVV	2932116	3308834	3.17%	0.251%
58	20.674	2953	2956	2960	rVV	8280368	10651525	10.19%	0.809%
59	20.733	2963	2966	2971	rVB2	2135549	3150187	3.01%	0.239%
60	20.821	2976	2981	2986	rBV	13557582	23773749	22.75%	1.805%
61	20.862	2986	2988	2991	rVV	4513286	5111931	4.89%	0.388%
62	20.898	2991	2994	2998	rVV	4582398	5636611	5.39%	0.428%
63	20.933	2998	3000	3003	rVV	2389369	2497742	2.39%	0.190%
64	20.974	3003	3007	3014	rVB	21935483	26850195	25.69%	2.038%
65	21.080	3021	3025	3028	rBV	5091750	5498909	5.26%	0.417%
66	21.145	3033	3036	3043	rVB	2399853	3658351	3.50%	0.278%
67	21.215	3043	3048	3054	rBV3	1953737	3270541	3.13%	0.248%
68	21.321	3055	3066	3070	rBV	34942960	104518414	100.00%	7.934%
69	21.368	3071	3074	3077	rBV	3974124	4737224	4.53%	0.360%
70	21.468	3084	3091	3096	rBV3	21331307	37089121	35.49%	2.815%
71	21.509	3096	3098	3104	rVB	9167818	10233933	9.79%	0.777%
72	21.586	3104	3111	3120	rBV3	5803401	14559196	13.93%	1.105%
73	21.668	3120	3125	3128	rBV	5756157	9649274	9.23%	0.732%
74	21.698	3128	3130	3133	rVB2	2996717	2925999	2.80%	0.222%
75	21.733	3133	3136	3139	rBV	7020451	8981017	8.59%	0.682%
76	21.809	3145	3149	3157	rVB	4295000	6269601	6.00%	0.476%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

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_M\Methods\8270-BM052323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.980	3174	3178	3187	rVB2	6370530	9303041	8.90%	0.706%
78	22.145	3203	3206	3212	rVB3	1003574	1675208	1.60%	0.127%
79	22.233	3212	3221	3225	rBV2	28527488	76029974	72.74%	5.771%
80	22.268	3225	3227	3231	rVB	2013957	2783538	2.66%	0.211%
81	22.386	3242	3247	3253	rVB	9238624	19725587	18.87%	1.497%
82	22.445	3253	3257	3266	rBV2	4192578	5814555	5.56%	0.441%
83	22.574	3270	3279	3287	rBV	5737689	15167075	14.51%	1.151%
84	22.639	3287	3290	3296	rVB	2077500	3355404	3.21%	0.255%
85	22.715	3297	3303	3308	rBV	3727953	7016631	6.71%	0.533%
86	22.945	3335	3342	3348	rBV	13502904	27958295	26.75%	2.122%
87	23.009	3348	3353	3360	rVB	3721041	6159334	5.89%	0.468%
88	23.315	3395	3405	3419	rBV	26022061	68832388	65.86%	5.225%
89	23.480	3428	3433	3437	rBV	5645556	10499057	10.05%	0.797%
90	23.574	3444	3449	3460	rBV2	1344385	3588018	3.43%	0.272%
91	23.686	3462	3468	3471	rBV	3125697	7063893	6.76%	0.536%
92	23.933	3505	3510	3515	rBV2	1623043	2910780	2.78%	0.221%
93	24.303	3567	3573	3583	rVB	1805588	4277623	4.09%	0.325%
94	24.715	3635	3643	3658	rVB	12757410	31071996	29.73%	2.359%
95	24.909	3670	3676	3683	rBV	2334346	5642707	5.40%	0.428%
96	25.145	3709	3716	3724	rBV	1425031	4613933	4.41%	0.350%
97	25.421	3757	3763	3774	rVB	1441439	3478237	3.33%	0.264%
98	26.627	3961	3968	3982	rVB	2999901	9496449	9.09%	0.721%
99	27.344	4083	4090	4094	rBV4	1075920	3125084	2.99%	0.237%
100	28.762	4315	4331	4370	rVB2	3442388	29314173	28.05%	2.225%

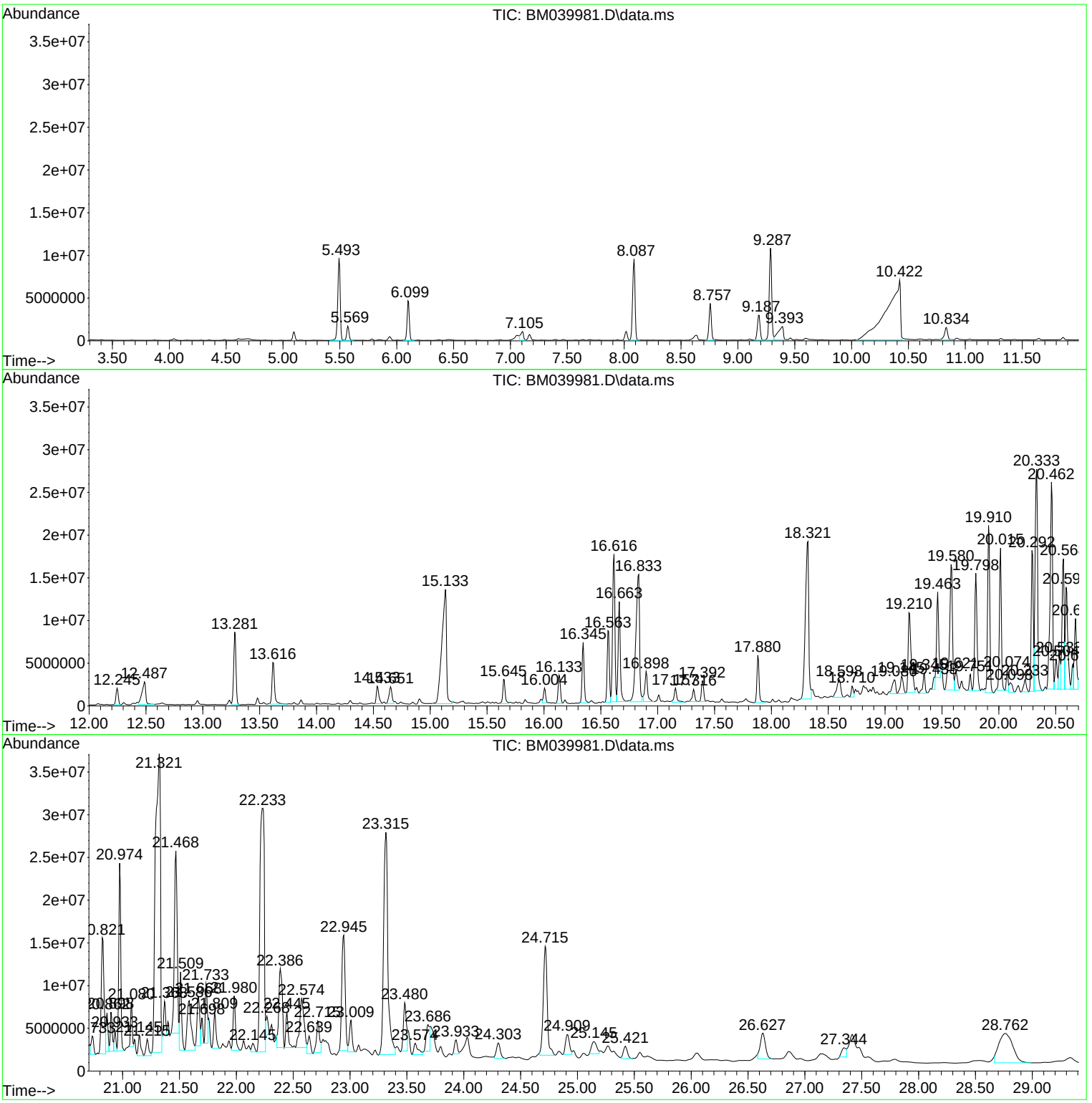
Sum of corrected areas: 1317374094

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.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_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

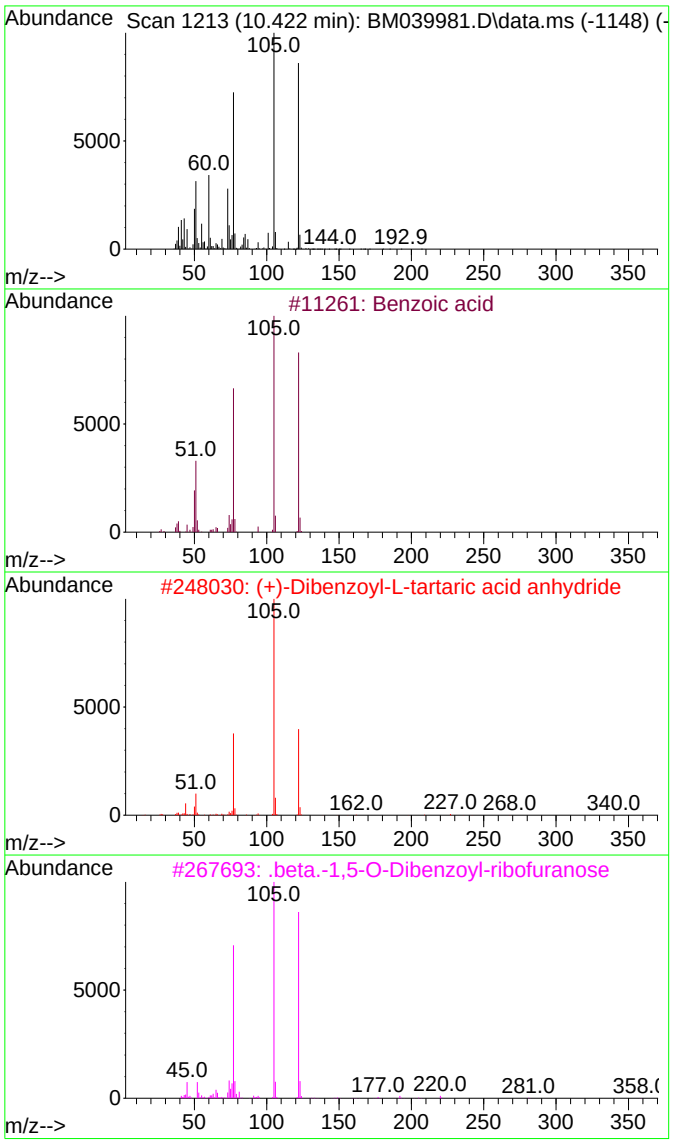
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

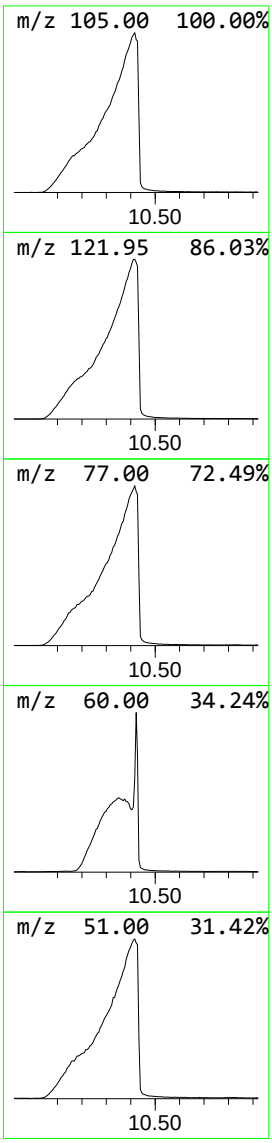
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (+)-Dibenzoyl-L-tartaric ac... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	430.34 ng	59929900	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	96
2	(+)-Dibenzoyl-L-tartaric acid an...	340	C18H12O7	064339-95-3	59
3	.beta.-1,5-O-Dibenzoyl-ribofuranose	358	C19H18O7	1000129-71-8	58
4	Hydrazine, 1-methyl-1-phenyl-	122	C7H10N2	000618-40-6	58
5	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

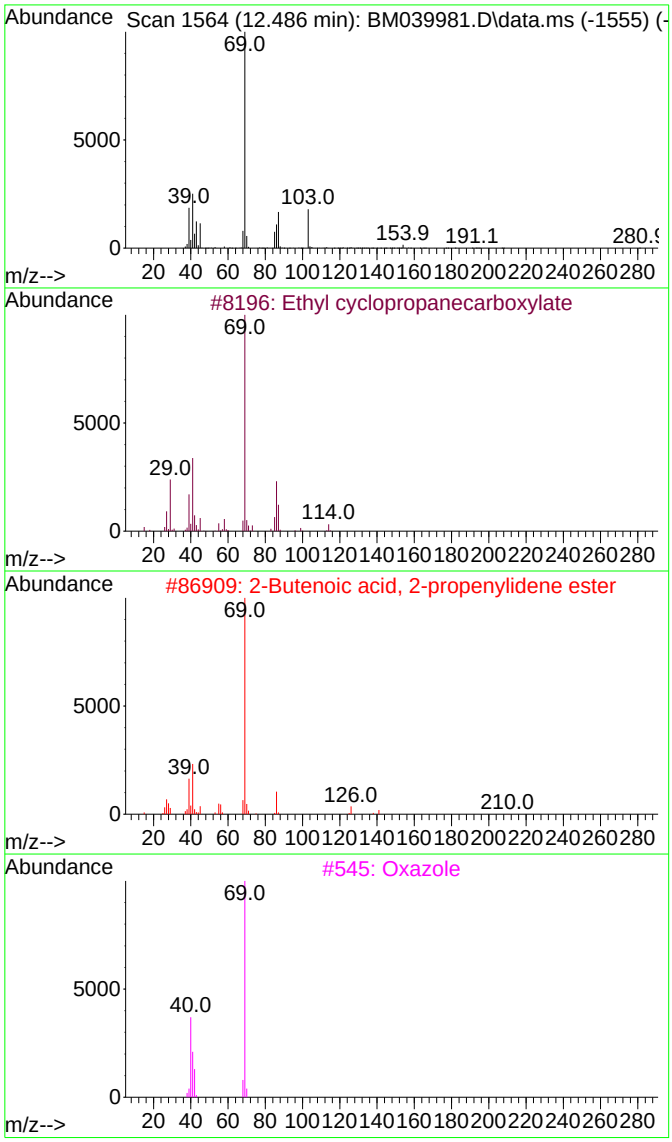
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

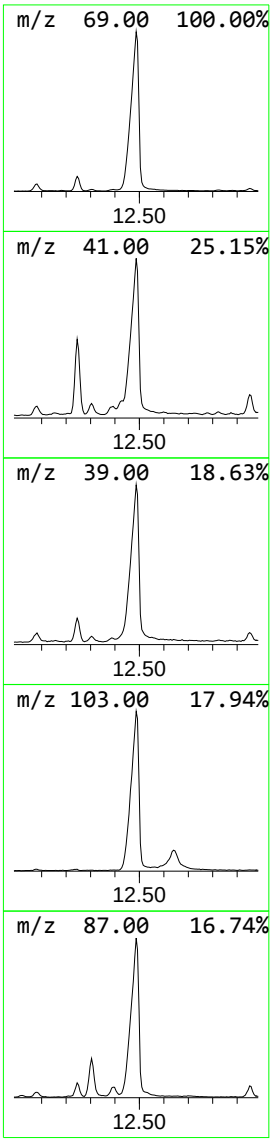
****

Peak Number 2 unknown12.486 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	43.15 ng	6008590	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	36
3	Oxazole	69	C3H3NO	000288-42-6	9
4	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	9
5	3-Methyl-3-(3-hydroxy-3-methylbu...	190	C10H22O3	1000432-16-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

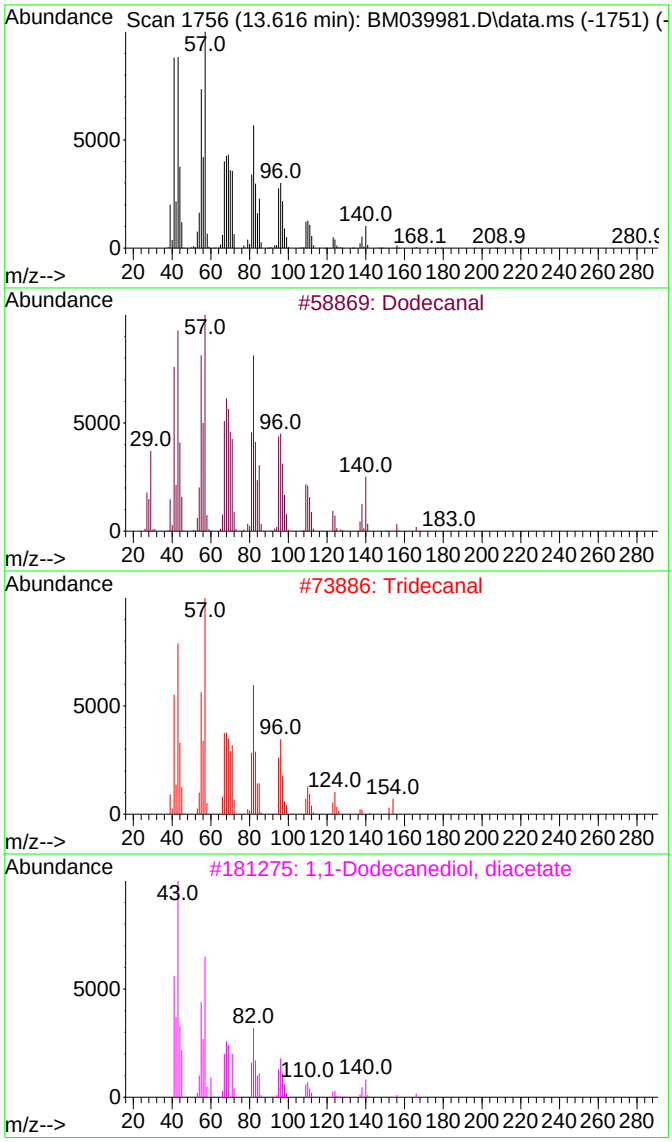
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

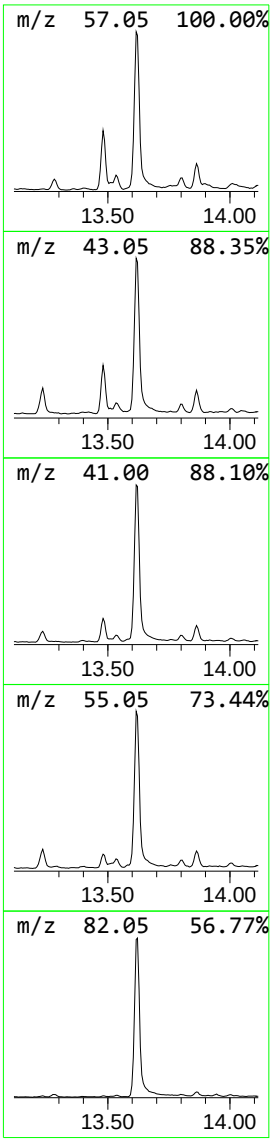
****

Peak Number 3 Dodecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	43.44 ng	7578180	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanal	184	C12H24O	000112-54-9	91
2	Tridecanal	198	C13H26O	010486-19-8	90
3	1,1-Dodecanediol, diacetate	286	C16H30O4	056438-07-4	90
4	Undecanal	170	C11H22O	000112-44-7	87
5	Cyclodecane	140	C10H20	000293-96-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

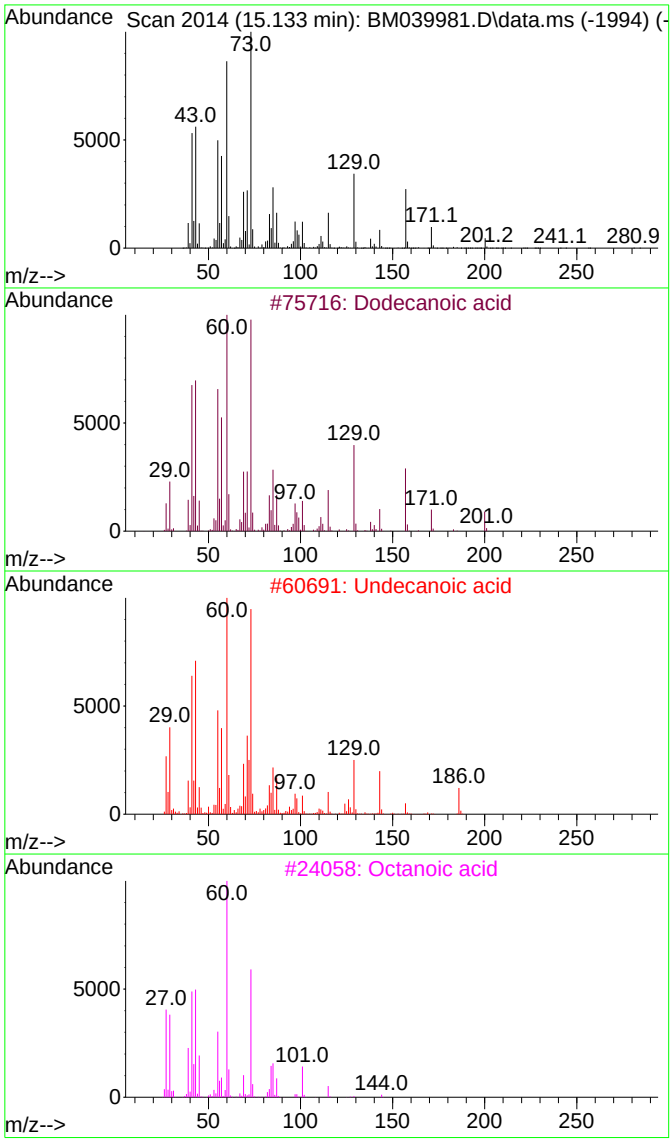
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

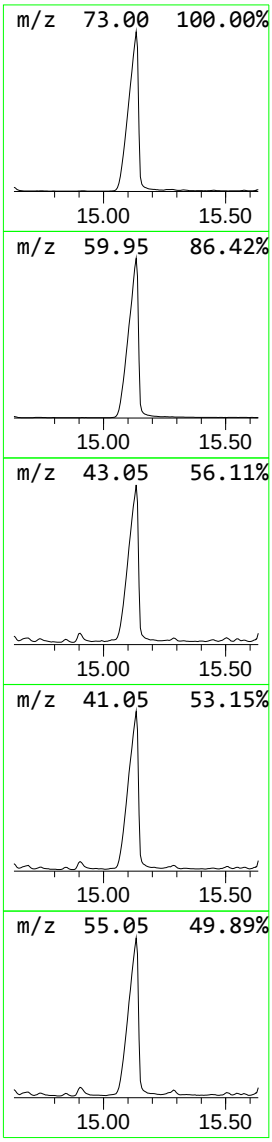
****

Peak Number 4 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	217.27 ng	37906400	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	59
3	Octanoic acid	144	C8H16O2	000124-07-2	52
4	Nonanoic acid	158	C9H18O2	000112-05-0	50
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

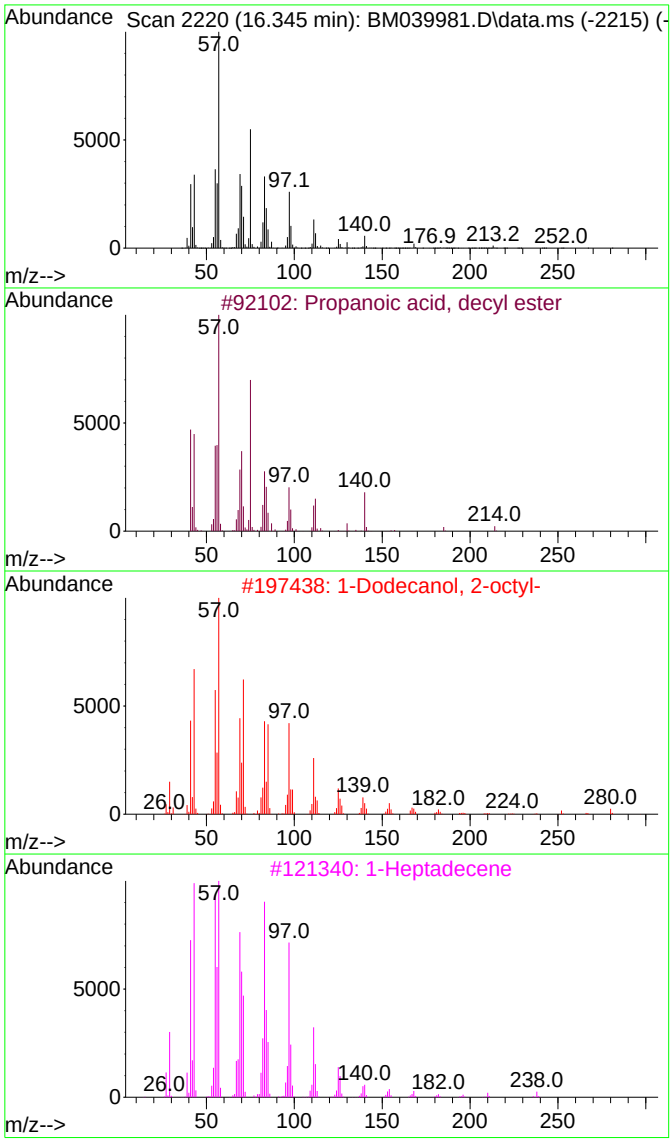
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

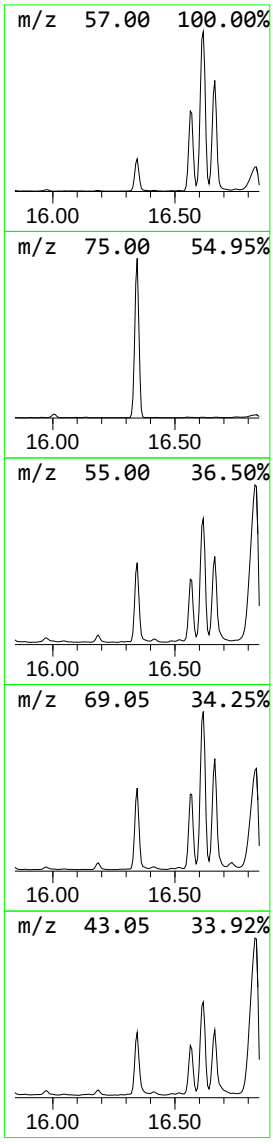
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, decyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	53.24 ng	8994420	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, decyl ester	214	C13H26O2	005454-19-3	86
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	53
3	1-Heptadecene	238	C17H34	006765-39-5	49
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	46
5	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

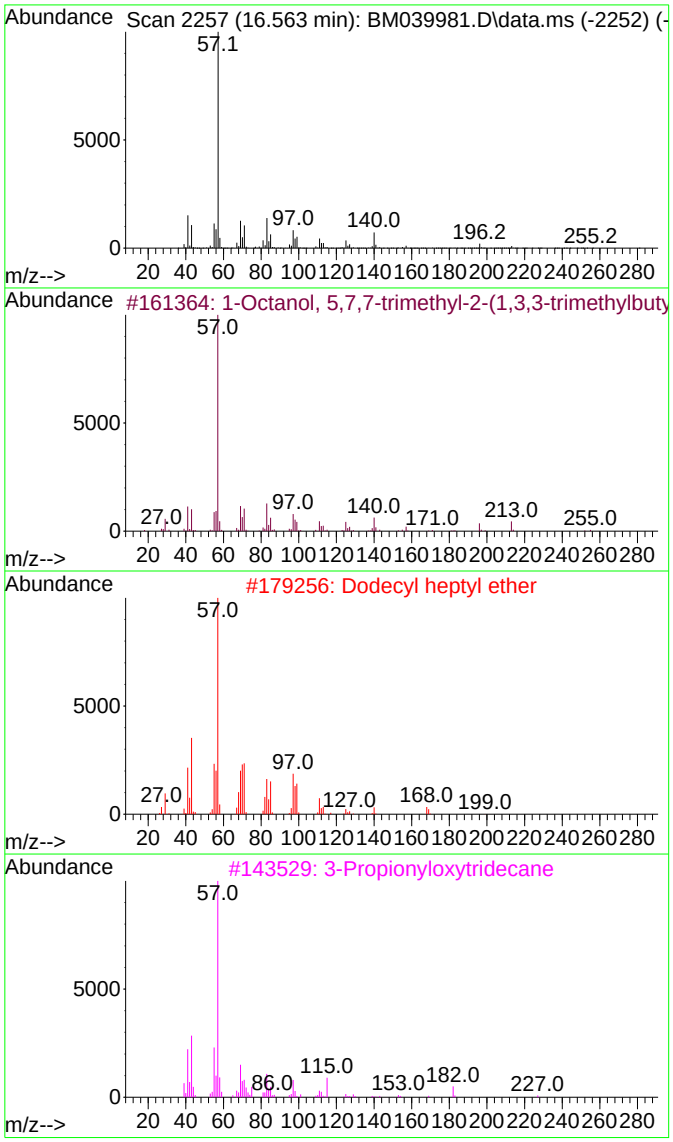
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

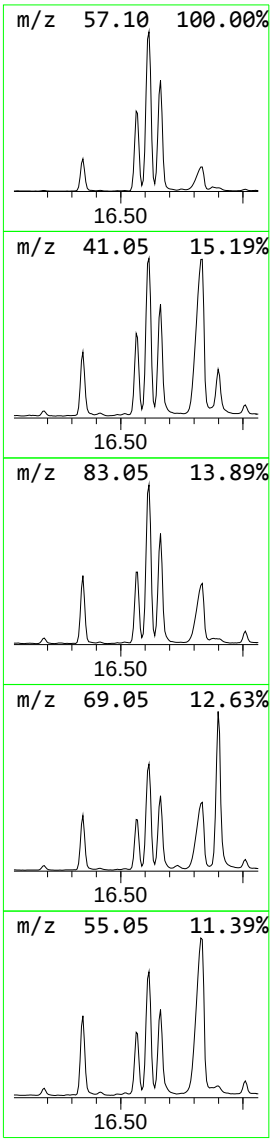
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	65.30 ng	11032200	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	90
2	Dodecyl heptyl ether	284	C19H40O	1010406-39-2	72
3	3-Propionyloxytridecane	256	C16H32O2	1000245-62-5	59
4	Ditetradecyl ether	410	C28H58O	005412-98-6	53
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

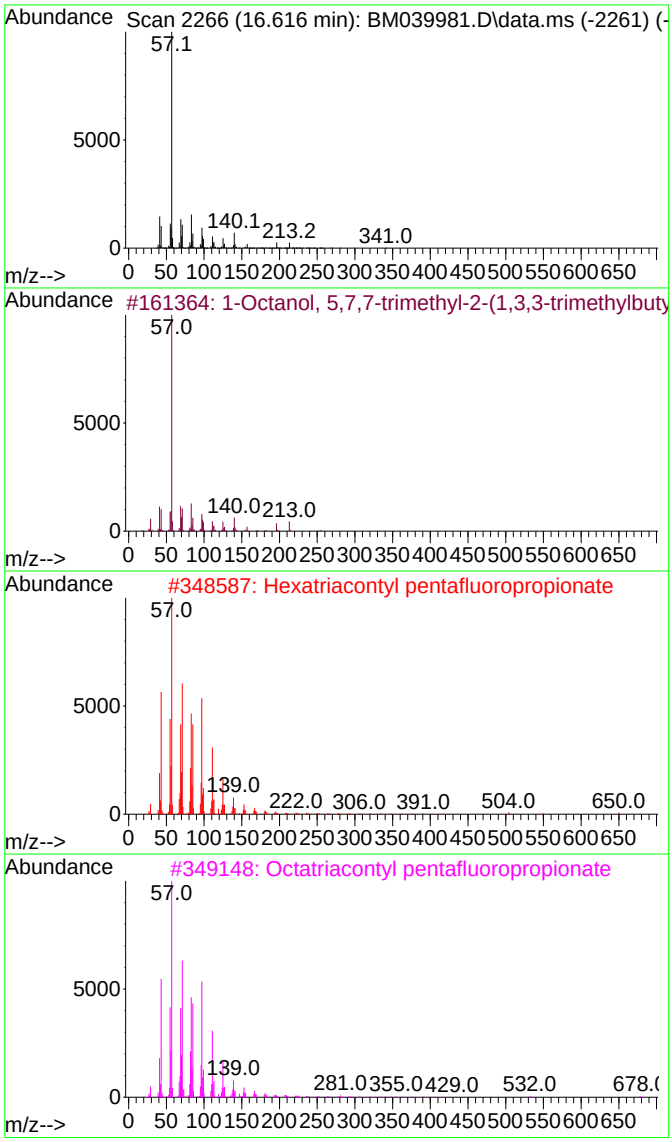
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

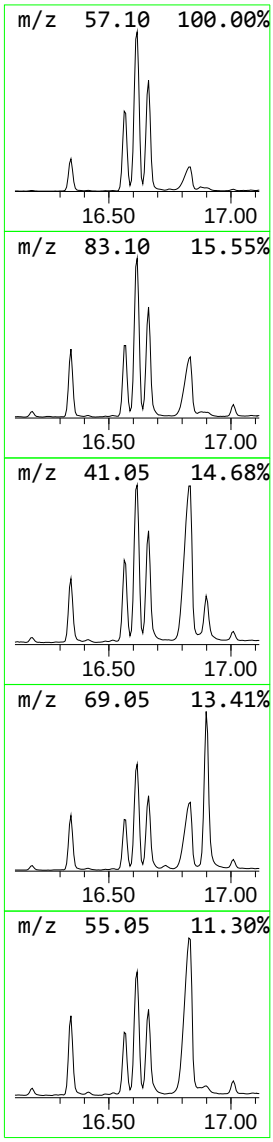
****

Peak Number 7 Hexatriacontyl pentafluorop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.616	144.59 ng	24427300	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	68
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	53
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	53
4	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	50
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

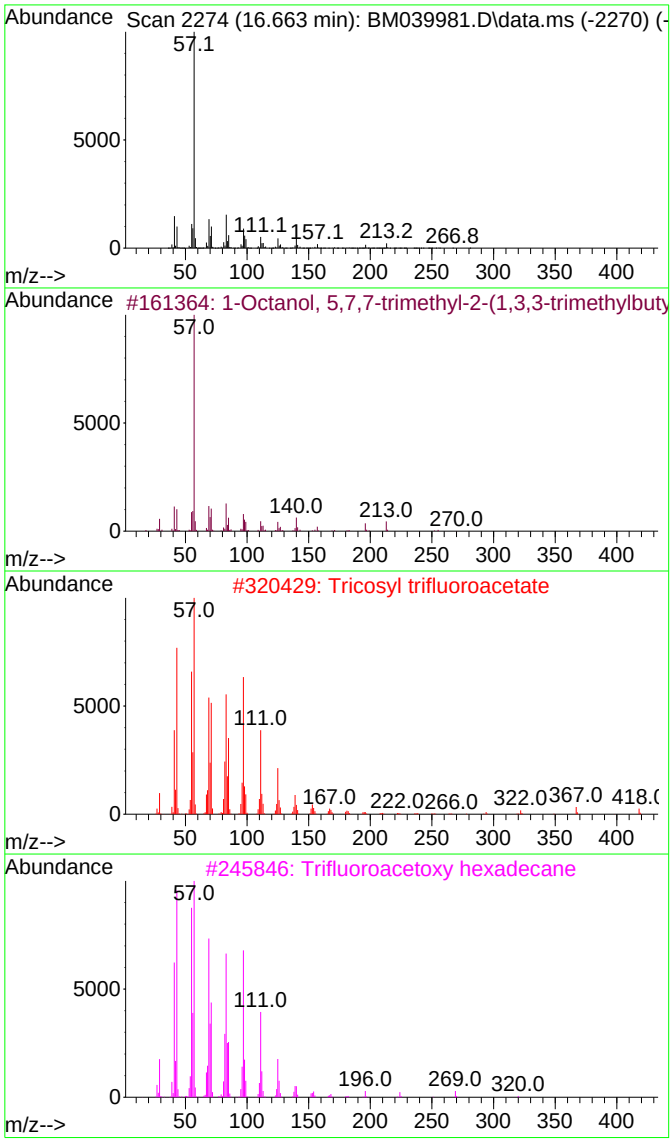
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

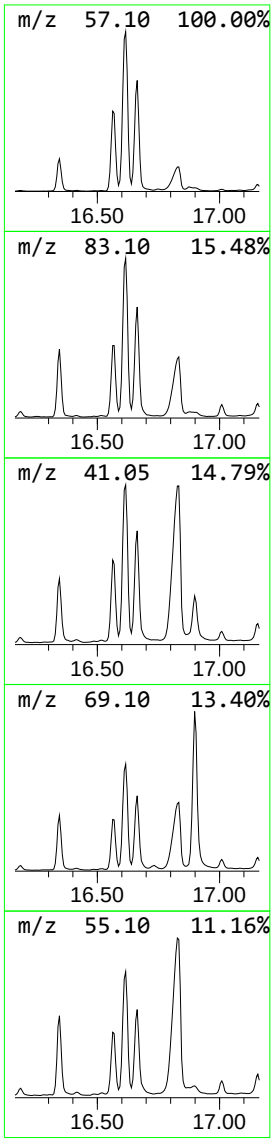
****

Peak Number 8 Tricosyl trifluoroacetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	91.58 ng	15471400	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	90
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	50
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	49
4	Propionic acid, 3-iodo-, heptade...	438	C20H39IO2	1000406-24-8	47
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

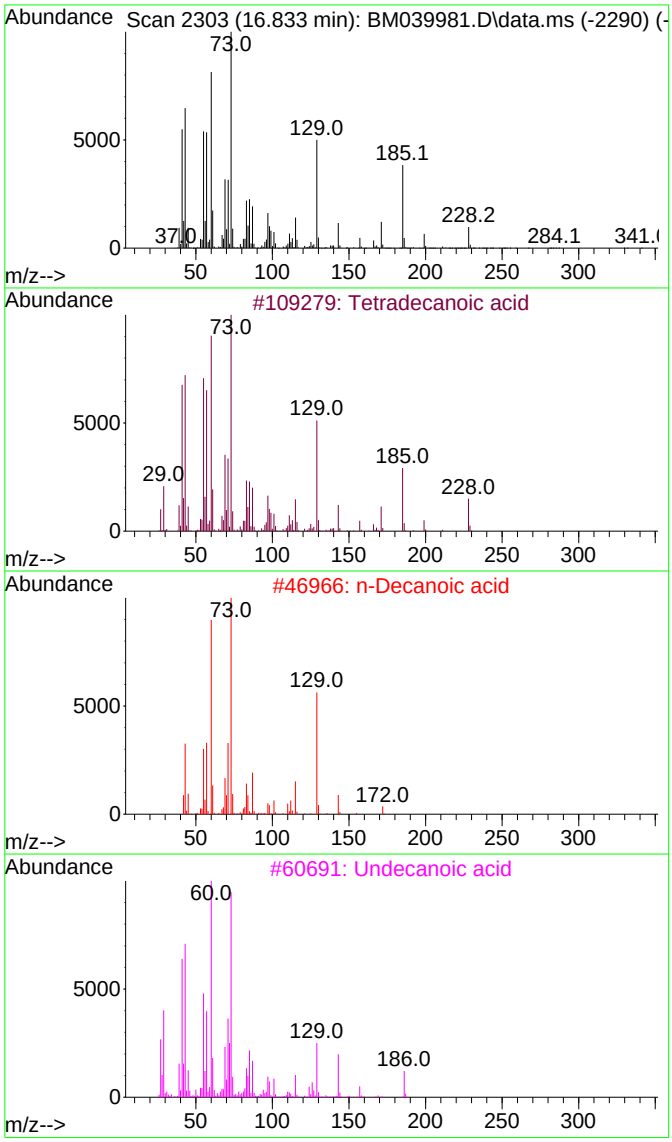
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

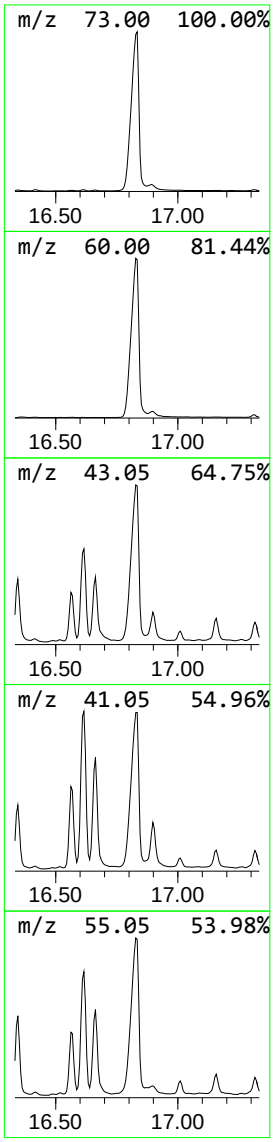
****

Peak Number 9 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.833	195.22 ng	32980300	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

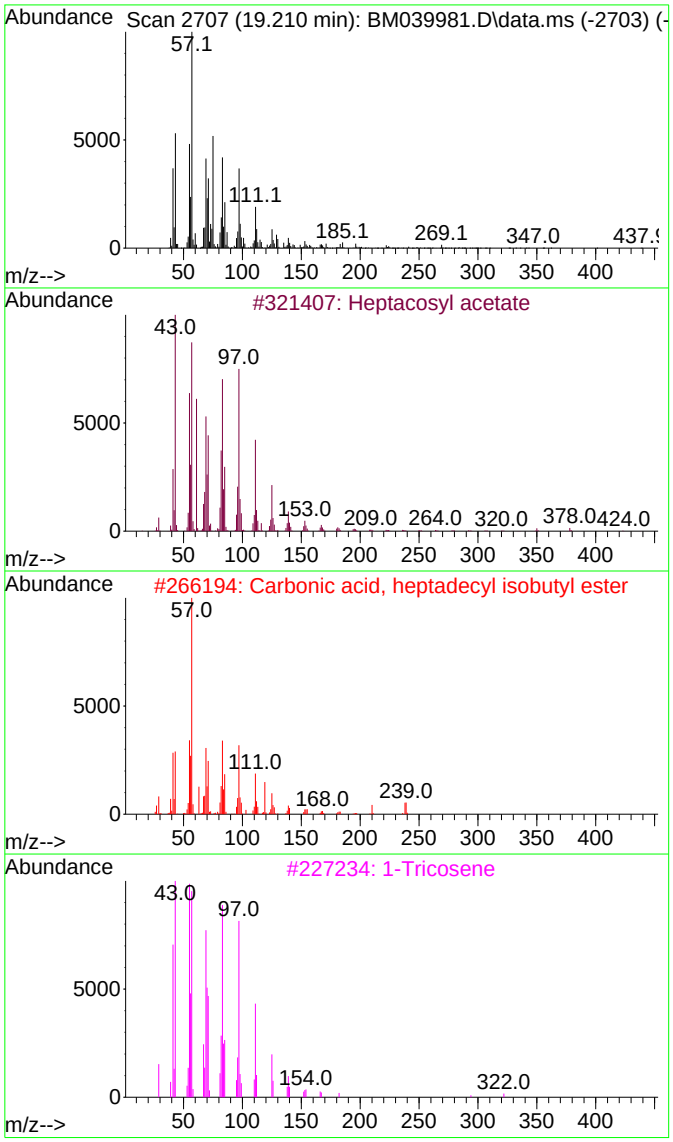
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

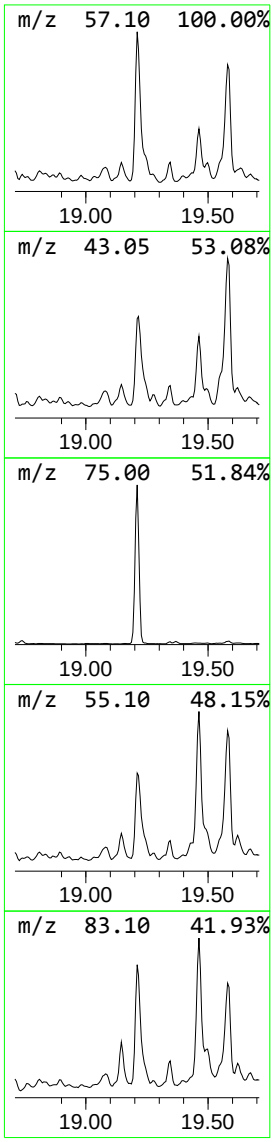
****

Peak Number 10 Heptacosyl acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	104.27 ng	17614600	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	89
2	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	70
3	1-Tricosene	322	C23H46	018835-32-0	64
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

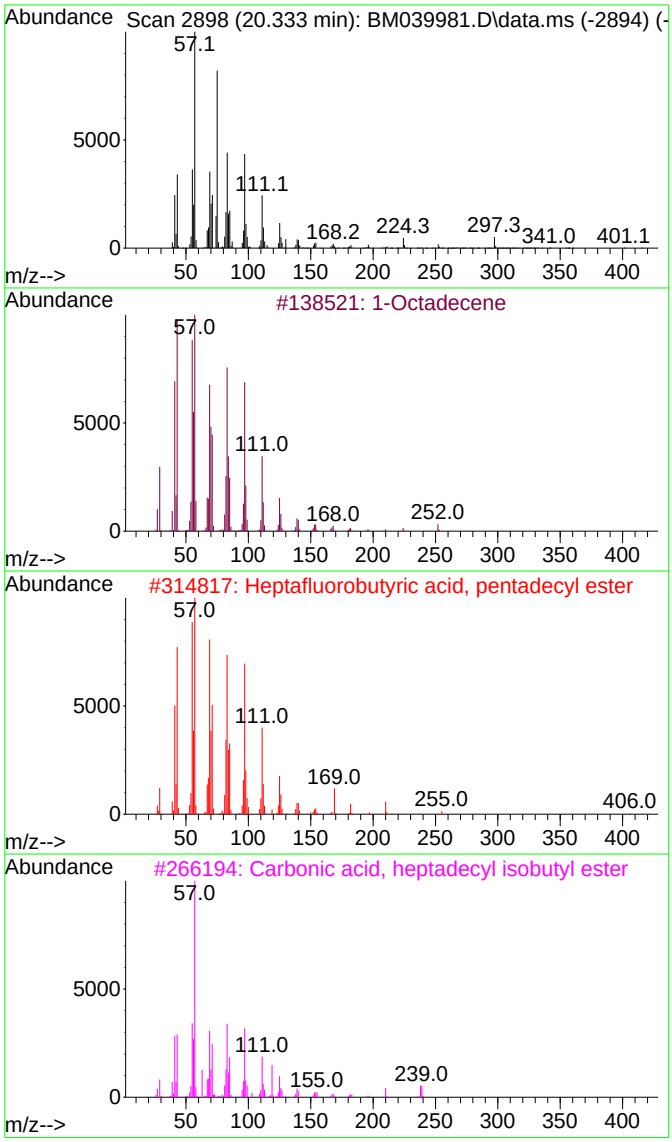
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

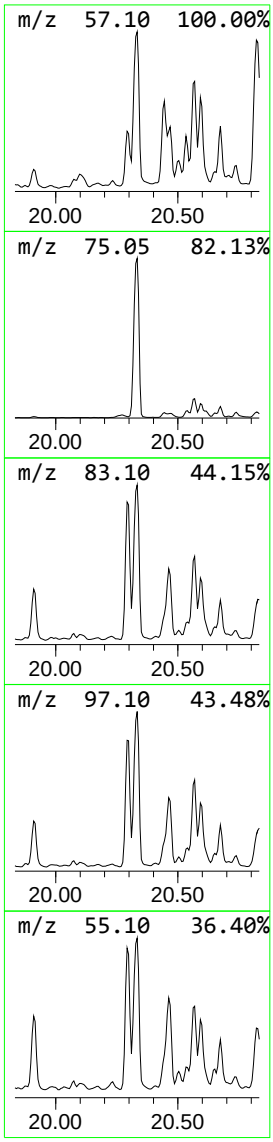
****

Peak Number 11 1-Octadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	53.97 ng	39291400	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	80
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	60
3	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	60
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	60
5	1-Hexacosene	364	C26H52	018835-33-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

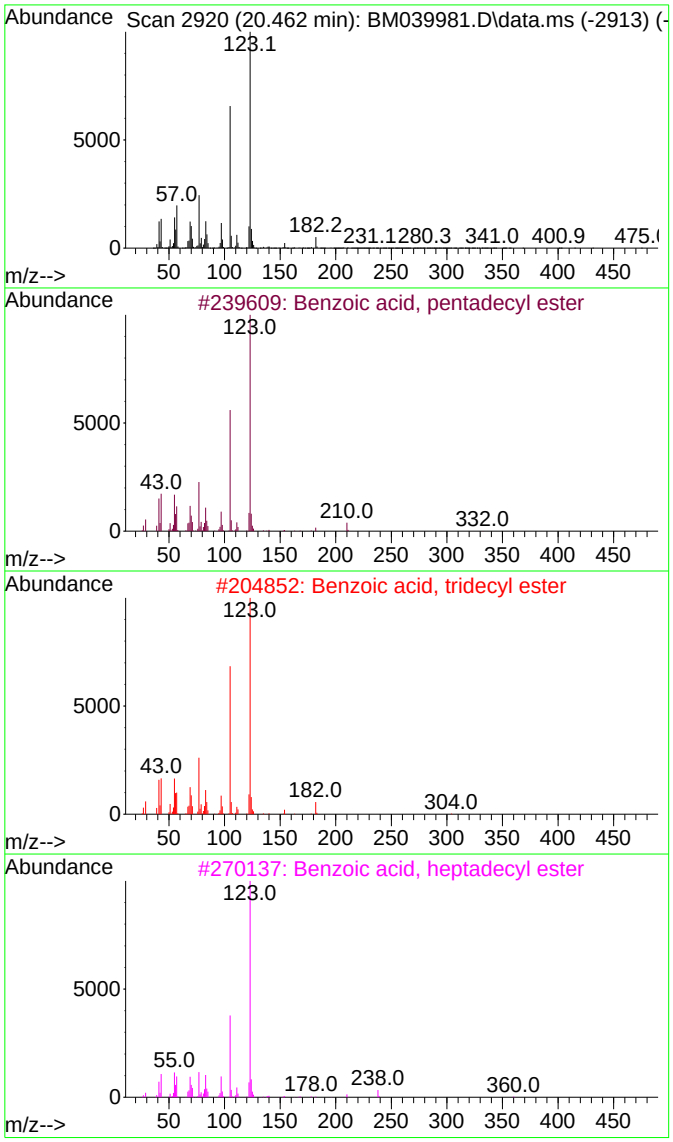
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

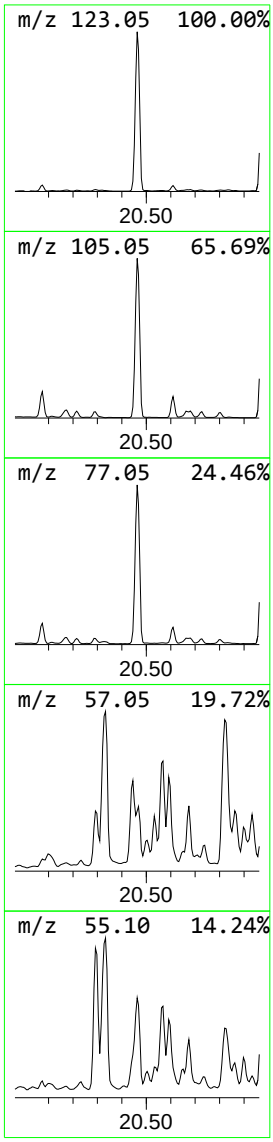
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzoic acid, pentadecyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.462	50.94 ng	37081100	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
2	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
3	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
4	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
5	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

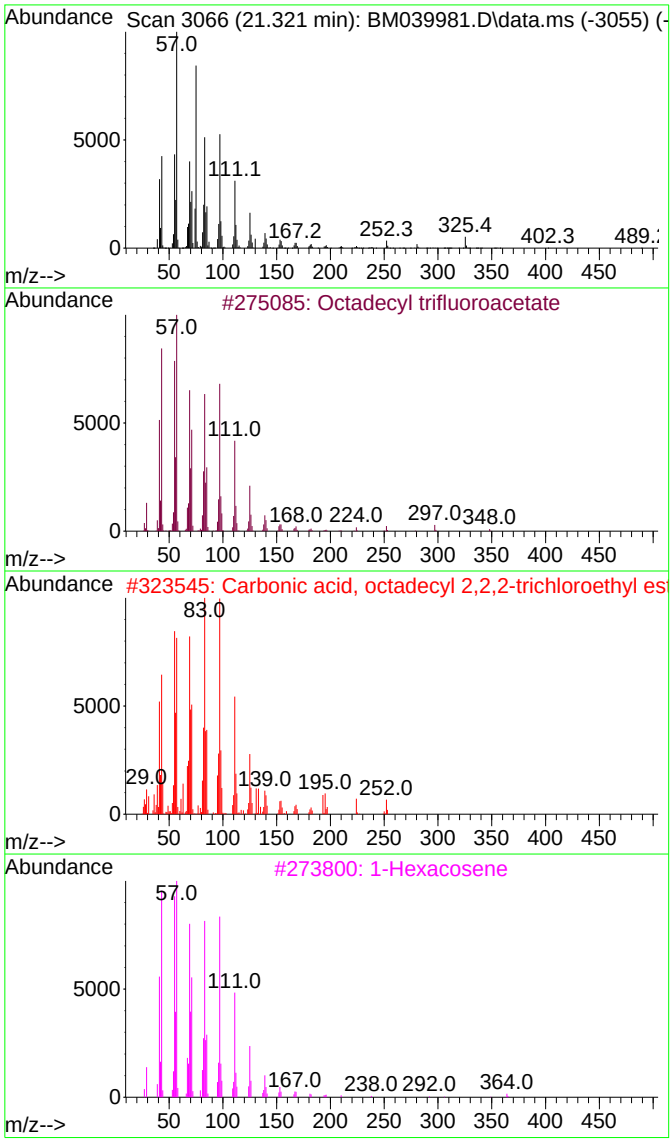
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

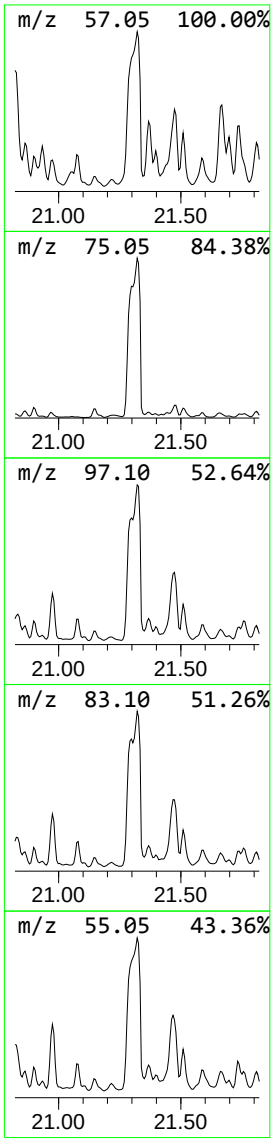
****

Peak Number 13 Octadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	143.58 ng	104518000	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	83
3	1-Hexacosene	364	C26H52	018835-33-1	60
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	60
5	1-Tetracosene	336	C24H48	010192-32-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

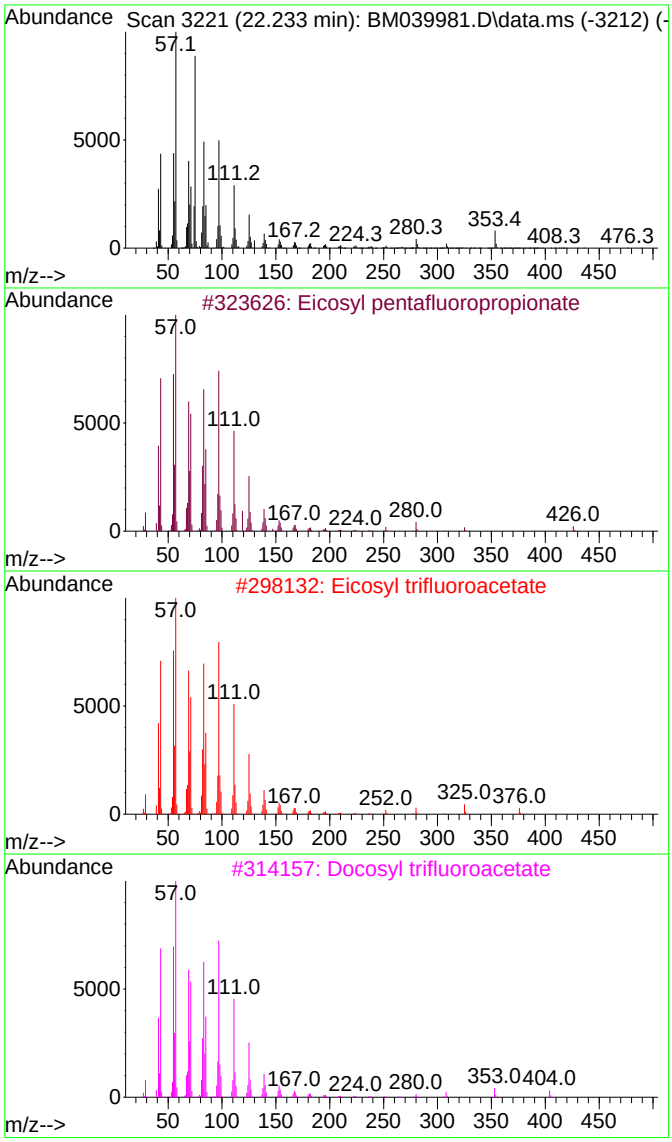
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

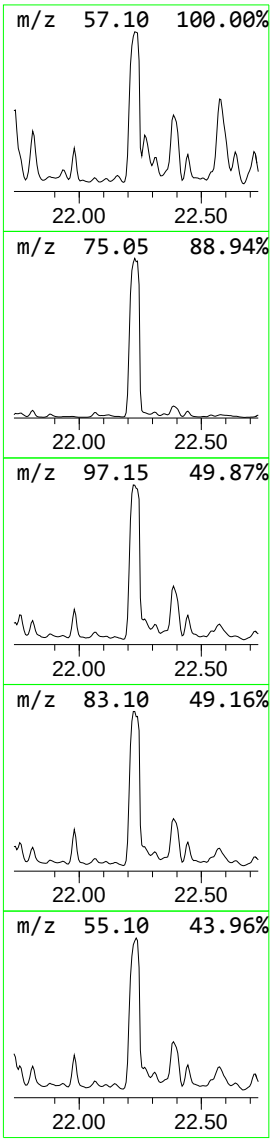
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Eicosyl pentafluoropropionate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.233	104.44 ng	76030000	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90
3	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

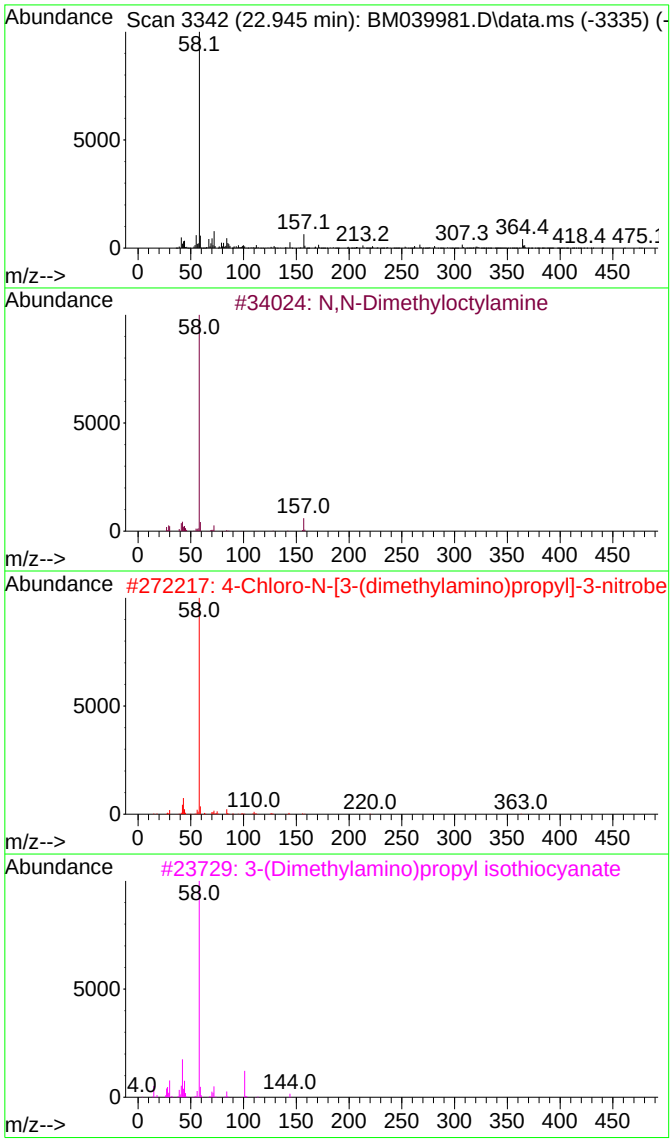
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

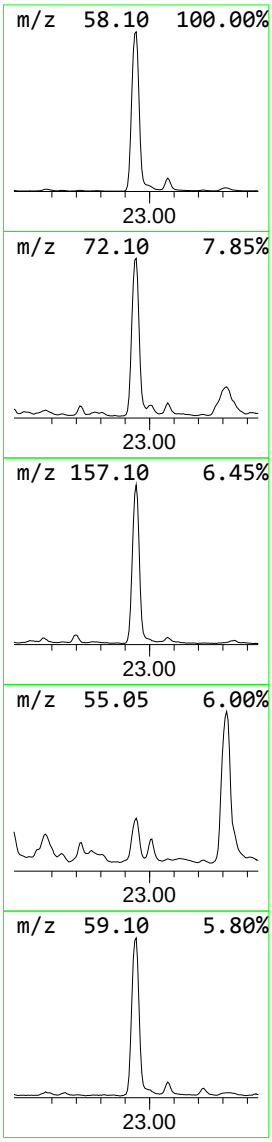
****

Peak Number 15 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.945	192.10 ng	27958300	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	4-Chloro-N-[3-(dimethylamino)pro...	363	C13H18ClN3O5S	1000509-64-1	64
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
4	N-(4-(Dimethylamino)butyl)acetamide	158	C8H18N2O	1000378-76-2	59
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

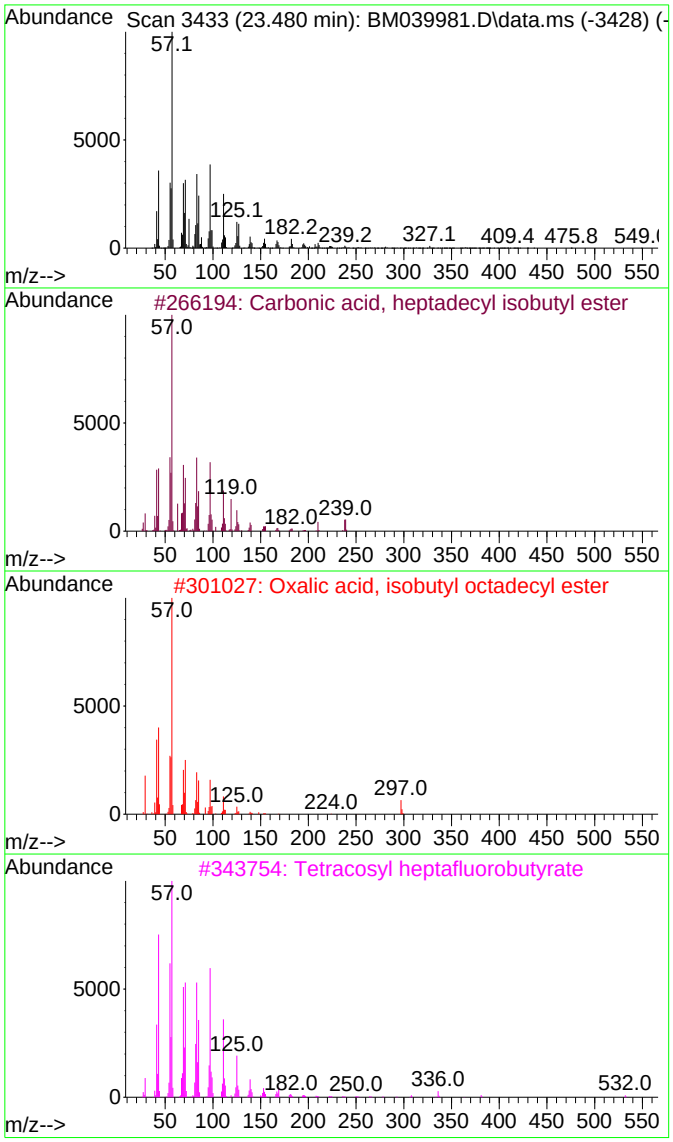
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

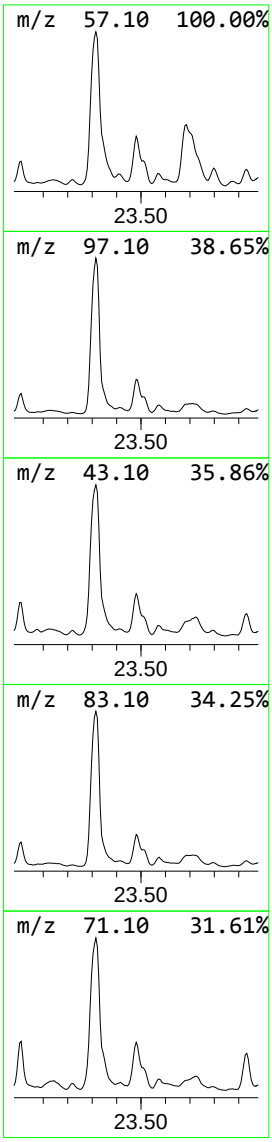
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, heptadecyl i... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	72.14 ng	10499100	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	91
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
5	Butyl tetratriacontyl ether	551	C38H78O	1000406-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

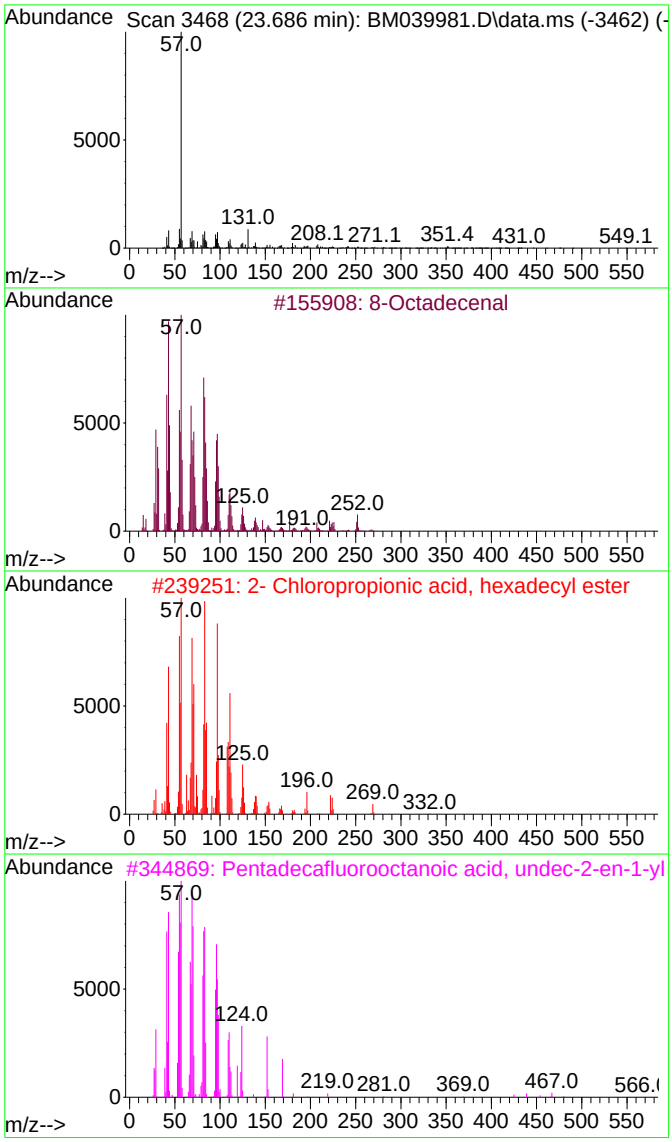
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

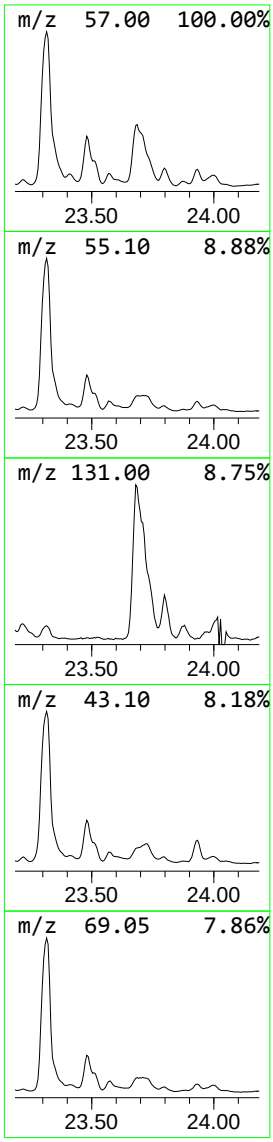
****

Peak Number 17 8-Octadecenal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.686	48.54 ng	7063890	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	92
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	60
3	Pentadecafluorooctanoic acid, un...	566	C19H21F15O2	1000406-92-6	60
4	Fumaric acid, hexadecyl 4-octyl ...	452	C28H52O4	1000339-22-6	50
5	Undecanal	170	C11H22O	000112-44-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

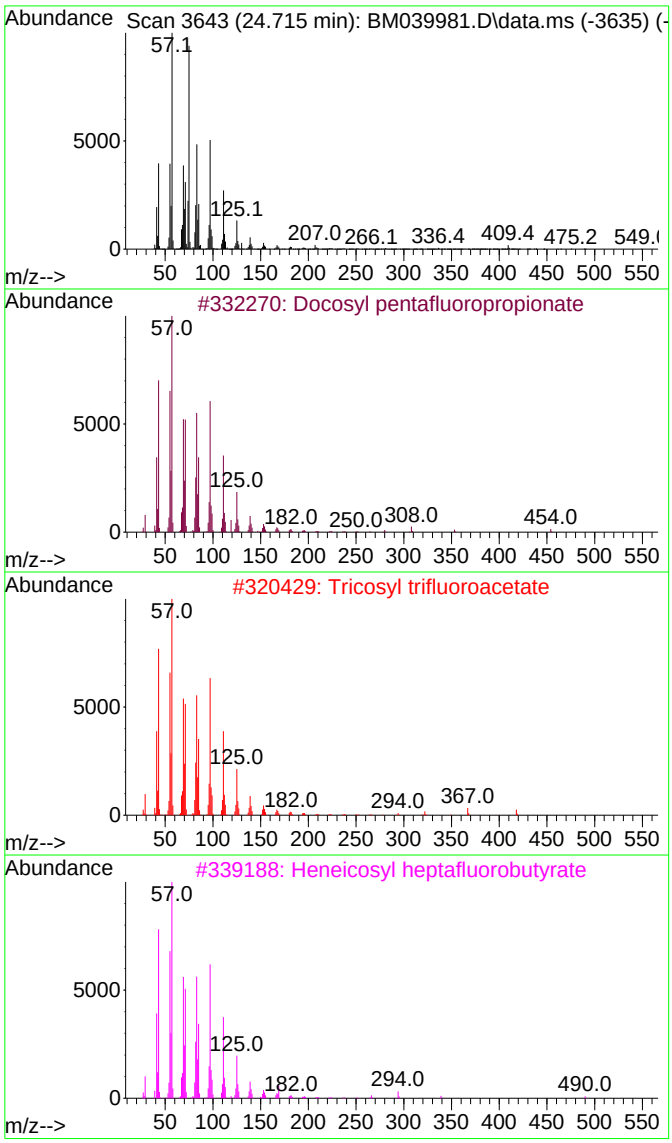
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

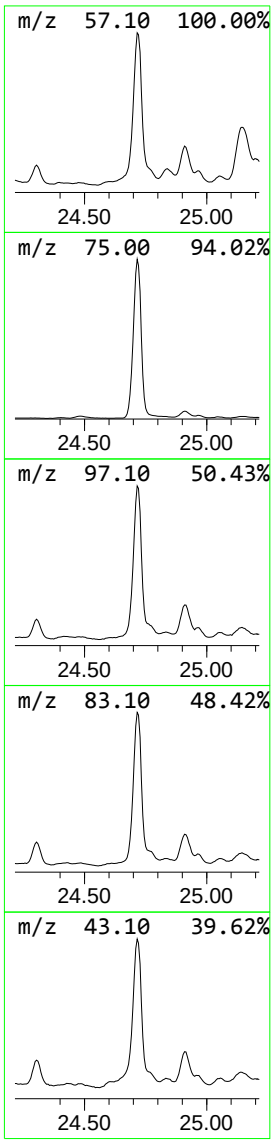
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Docosyl pentafluoropropionate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.715	213.50 ng	31072000	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83
4	Octacosanol	410	C28H58O	000557-61-9	83
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

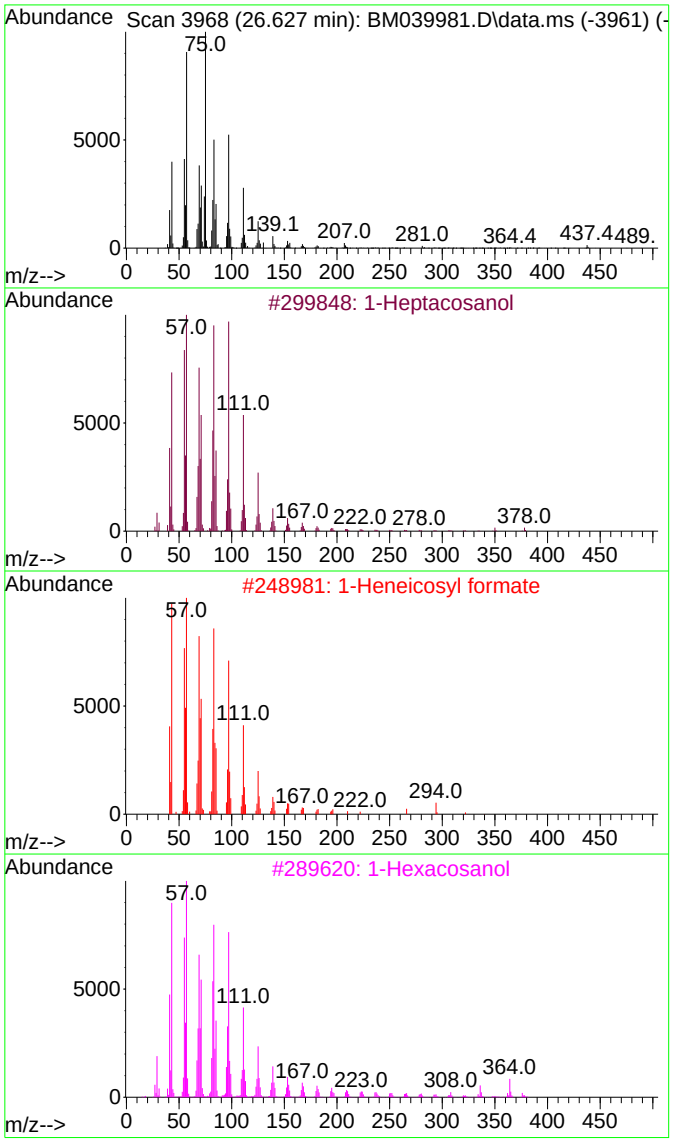
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

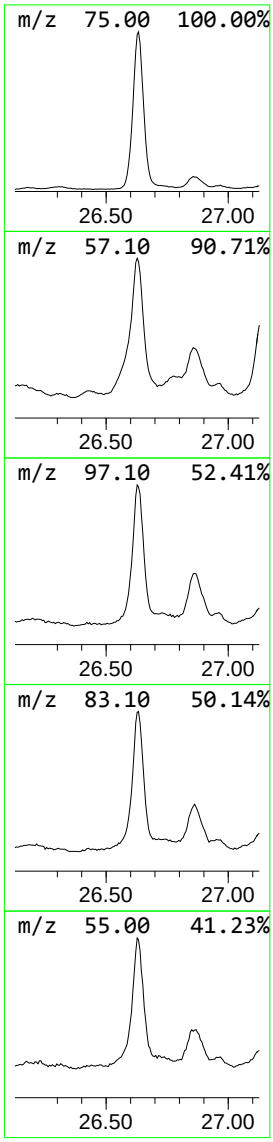
****

Peak Number 19 1-Heptacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.627	65.25 ng	9496450	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	1-Hexacosanol	382	C26H54O	000506-52-5	83
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

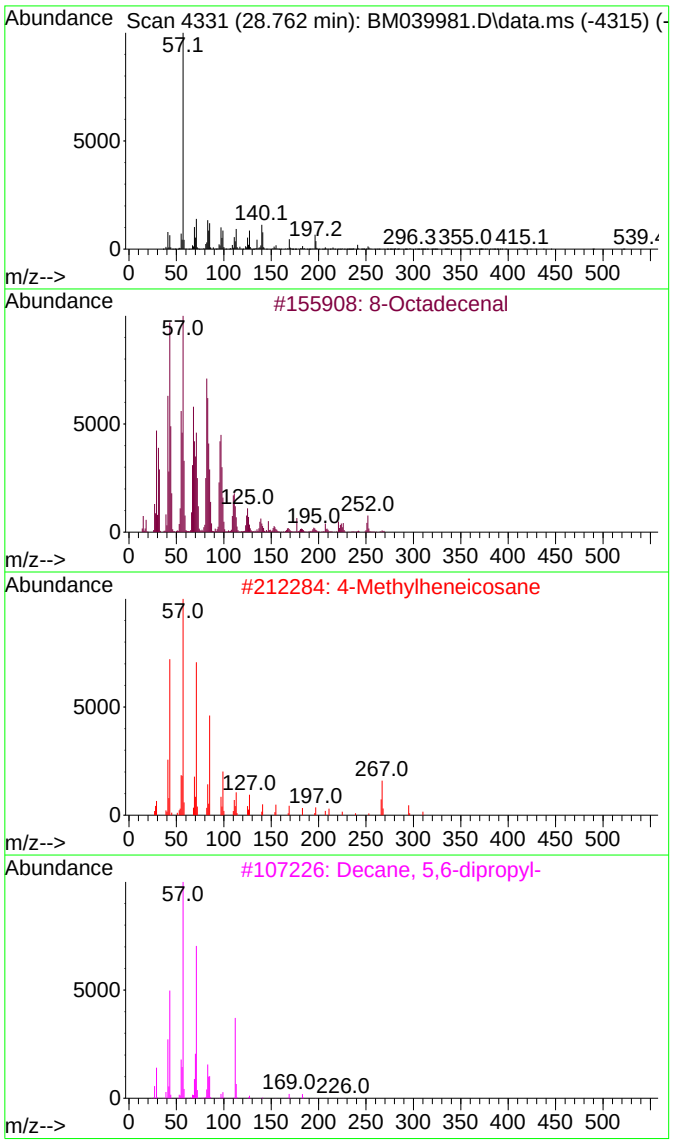
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

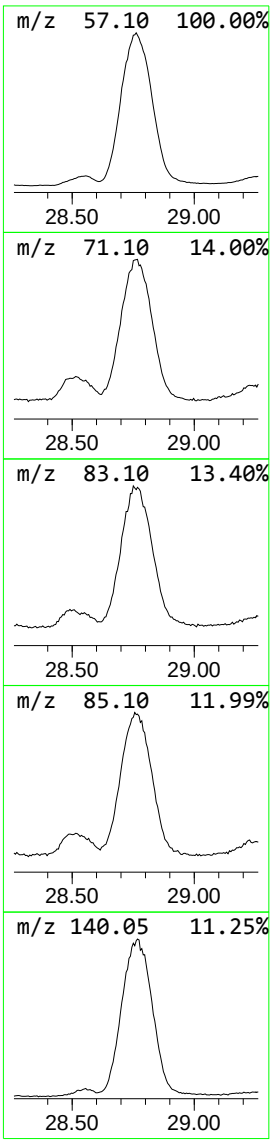
****

Peak Number 20 4-Methylheneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.762	201.42 ng	29314200	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	60
2	4-Methylheneicosane	310	C22H46	025117-29-7	50
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	46
4	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	46
5	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039981.D
Acq On : 24 May 2023 13:20
Operator : CG/JU
Sample : 02824-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.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
(+)-Dibenzoyl-L...	10.422	430.3	ng	59929900	2	10.834	2785250	20.0
unknown12.486	12.486	43.1	ng	6008590	2	10.834	2785250	20.0
Dodecanal	13.616	43.4	ng	7578180	3	14.651	3489400	20.0
Dodecanoic acid	15.133	217.3	ng	37906400	3	14.651	3489400	20.0
Propanoic acid,...	16.345	53.2	ng	8994420	4	17.392	3378810	20.0
1-Octanol, 5,7,...	16.563	65.3	ng	11032200	4	17.392	3378810	20.0
Hexatriacontyl ...	16.616	144.6	ng	24427300	4	17.392	3378810	20.0
Tricosyl triflu...	16.663	91.6	ng	15471400	4	17.392	3378810	20.0
Tetradecanoic acid	16.833	195.2	ng	32980300	4	17.392	3378810	20.0
Heptacosyl acetate	19.210	104.3	ng	17614600	4	17.392	3378810	20.0
1-Octadecene	20.333	54.0	ng	39291400	5	21.574	14559200	20.0
Benzoic acid, p...	20.462	50.9	ng	37081100	5	21.574	14559200	20.0
Octadecyl trifl...	21.321	143.6	ng	104518000	5	21.574	14559200	20.0
Eicosyl pentafl...	22.233	104.4	ng	76030000	5	21.574	14559200	20.0
N,N-Dimethyloct...	22.945	192.1	ng	27958300	6	24.033	2910780	20.0
Carbonic acid, ...	23.480	72.1	ng	10499100	6	24.033	2910780	20.0
8-Octadecenal	23.686	48.5	ng	7063890	6	24.033	2910780	20.0
Docosyl pentafl...	24.715	213.5	ng	31072000	6	24.033	2910780	20.0
1-Heptacosanol	26.627	65.3	ng	9496450	6	24.033	2910780	20.0
4-Methylheneico...	28.762	201.4	ng	29314200	6	24.033	2910780	20.0