LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

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_P\Methods\8270E-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	10	14	20	rVB	649309	811935	2.87%	0.251%
2	3.658	109	114	124	rVB	324430	447139	1.58%	0.138%
3	5.417	406	413	422	rBV	5098535	8182361	28.89%	2.529%
4	6.993	672	681	696	rBV	4784158	8320819	29.37%	2.572%
5	7.816	813	821	829	rBV	1210201	2062289	7.28%	0.638%
6	8.969	1003	1017	1025	rBV	3122851	5507467	19.44%	1.702%
7	10.610	1288	1296	1303	rBV	1544546	2833677	10.00%	0.876%
8	10.757	1309	1321	1336	rVB	820634	1880057	6.64%	0.581%
9	11.946	1515	1523	1537	rBV	156013	359734	1.27%	0.111%
10	12.275	1569	1579	1592	rBV2	182586	810759	2.86%	0.251%
11	13.081	1708	1716	1728	rBV	7608612	12122277	42.79%	3.747%
12	14.457	1942	1950	1956	rBV	2293346	3657174	12.91%	1.131%
13	14.522	1956	1961	1969	rVB	202266	339717	1.20%	0.105%
14	15.504	2123	2128	2141	rVB	172963	308120	1.09%	0.095%
15	15.951	2197	2204	2213	rBV	6406277	10008784	35.33%	3.094%
16	16.522	2290	2301	2306	rBV7	80621	288850	1.02%	0.089%
17	16.722	2329	2335	2344	rBV	1136923	2133111	7.53%	0.659%
18	16.863	2355	2359	2368	rVB	189413	343923	1.21%	0.106%
19	17.028	2384	2387	2398	rVB	162044	310696	1.10%	0.096%
20	17.128	2400	2404	2411	rBV2	207225	326141	1.15%	0.101%
21	17.216	2412	2419	2422	rBV	2828254	4443841	15.69%	1.374%
22	17.257	2422	2426	2434	rVV	3177420	4984402	17.60%	1.541%
23	17.345	2435	2441	2447	rVB	909069	1512527	5.34%	0.468%
24	17.616	2480	2487	2492	rBV2	317499	649851	2.29%	0.201%
25	18.010	2548	2554	2558	rBV	348018	565357	2.00%	0.175%
26	18.063	2559	2563	2565	rBV2	583288	788980	2.79%	0.244%
27	18.128	2570	2574	2582	rVV2	3316191	5236895	18.49%	1.619%
28	18.210	2585	2588	2594	rVV	376581	633296	2.24%	0.196%
29	18.275	2594	2599	2603	rVV2	985463	1826869	6.45%	0.565%
30	18.310	2603	2605	2610	rVB	415896	546392	1.93%	0.169%
31	18.416	2619	2623	2629	rVB4	214464	326756	1.15%	0.101%
32	18.575	2646	2650	2653	rVV	449720	624965	2.21%	0.193%
33	18.610	2653	2656	2661	rVB	417695	574200	2.03%	0.177%
34	18.981	2714	2719	2724	rBV2	418391	719199	2.54%	0.222%
35	19.039	2724	2729	2732	rBV4	206099	413906	1.46%	0.128%
36	19.116	2738	2742	2750	rVB	547729	902991	3.19%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

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_P\Methods\8270E-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.239	2756	2763	2776	rBV	9756605	16314386	57.59%	5.043%
38	19.363	2780	2784	2791	rVB2	1309395	1812977	6.40%	0.560%
39	19.475	2800	2803	2806	rVB	234070	295762	1.04%	0.091%
40	19.592	2813	2823	2831	rBV	8797970	15698435	55.42%	4.853%
41	19.663	2831	2835	2841	rVB2	378450	657571	2.32%	0.203%
42	19.792	2848	2857	2862	rBV	13680970	18225951	64.34%	5.634%
43	19.910	2872	2877	2883	rBV2	571583	1289813	4.55%	0.399%
44	20.039	2896	2899	2901	rBV3	320282	445323	1.57%	0.138%
45	20.075	2902	2905	2909	rVB2	1150475	1528704	5.40%	0.473%
46	20.175	2918	2922	2925	rBV2	751568	959296	3.39%	0.297%
47	20.228	2927	2931	2935	rVB2	757170	1193571	4.21%	0.369%
48	20.369	2952	2955	2958	rBV	437824	520361	1.84%	0.161%
49	20.416	2959	2963	2970	rVV2	652845	1052203	3.71%	0.325%
50	20.810	3026	3030	3036	rVB	871422	1274690	4.50%	0.394%
51	20.975	3052	3058	3061	rBV2	842736	1667868	5.89%	0.516%
52	21.010	3061	3064	3067	rVV	977780	1389752	4.91%	0.430%
53	21.051	3067	3071	3076	rVV2	4299044	6655153	23.49%	2.057%
54	21.104	3077	3080	3092	rVB2	1119377	2443143	8.62%	0.755%
55	21.245	3101	3104	3108	rVB	2087684	2221348	7.84%	0.687%
56	21.316	3110	3116	3121	rVV3	6624903	13908771	49.10%	4.300%
57	21.363	3121	3124	3134	rVB	4736533	6490617	22.91%	2.006%
58	21.486	3141	3145	3156	rVB4	1358487	2487776	8.78%	0.769%
59	21.645	3169	3172	3176	rBV2	579590	1008934	3.56%	0.312%
60	21.857	3204	3208	3212	rBV	1699721	2394917	8.45%	0.740%
61	21.963	3221	3226	3232	rBV2	2783587	6221751	21.96%	1.923%
62	22.016	3232	3235	3241	rVB3	2371258	3716877	13.12%	1.149%
63	22.180	3261	3263	3267	rVB3	724582	822818	2.90%	0.254%
64	22.322	3283	3287	3296	rBV	1853750	3156705	11.14%	0.976%
65	22.710	3347	3353	3363	rVB2	5176890	8783283	31.01%	2.715%
66	23.022	3397	3406	3410	rBV2	5899490	17602315	62.14%	5.441%
67	23.074	3410	3415	3428	rVB	11757278	28327099	100.00%	8.757%
68	23.527	3486	3492	3500	rVB	2554861	5672938	20.03%	1.754%
69	23.627	3503	3509	3518	rBV	3681235	8308083	29.33%	2.568%
70	23.733	3522	3527	3533	rVV2	2367197	4534567	16.01%	1.402%
71	23.874	3543	3551	3567	rVV	6549821	18260591	64.46%	5.645%
72	24.010	3568	3574	3583	rVB2	3732345	7881773	27.82%	2.436%
73	24.398	3634	3640	3648	rVB	2791403	6542595	23.10%	2.022%
74	24.492	3650	3656	3672	rVV2	2169968	7272751	25.67%	2.248%
75	26.245	3947	3954	3968	rVB3	2447572	8647230	30.53%	2.673%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

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_P\Methods\8270E-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

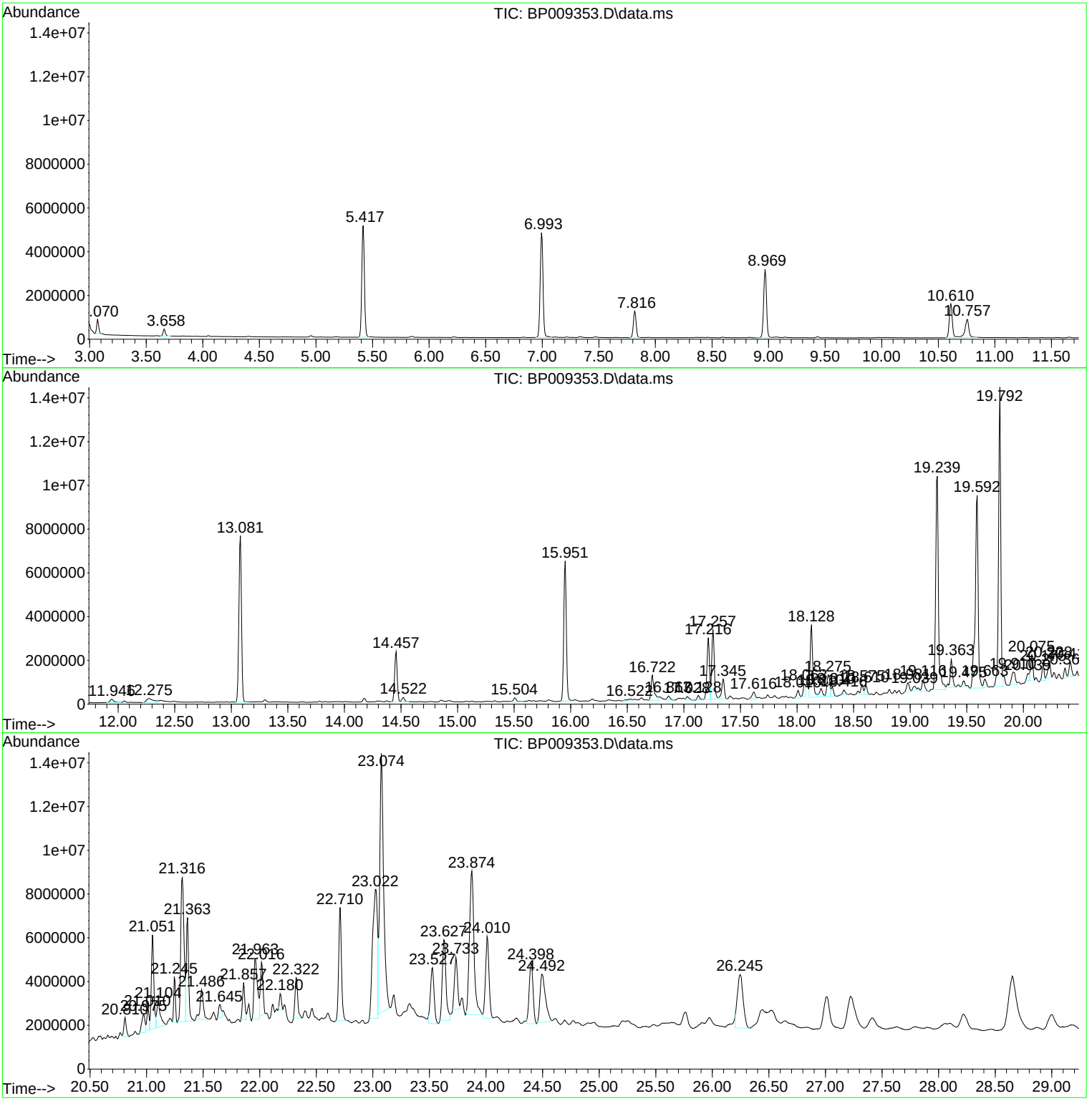
Sum of corrected areas: 323494155

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

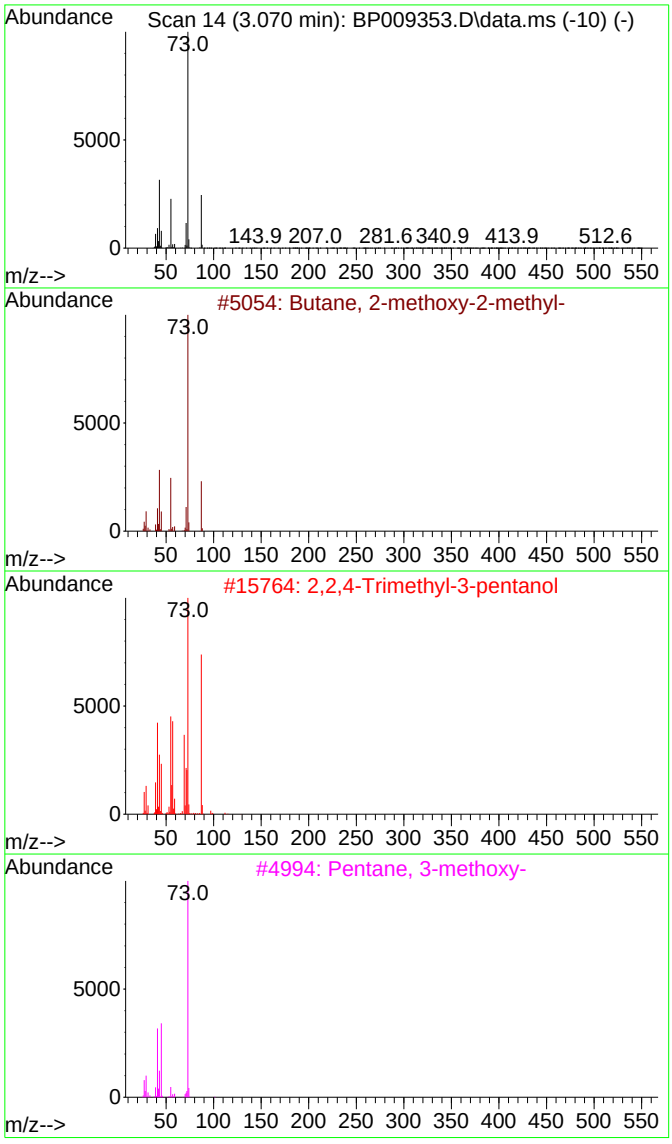
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

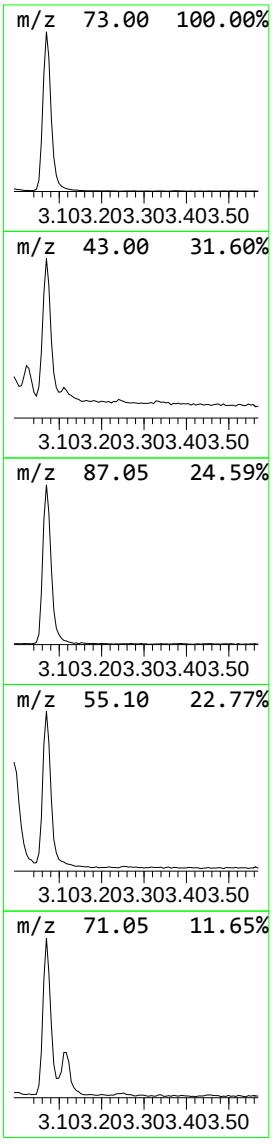
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	7.87 ng	811935	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

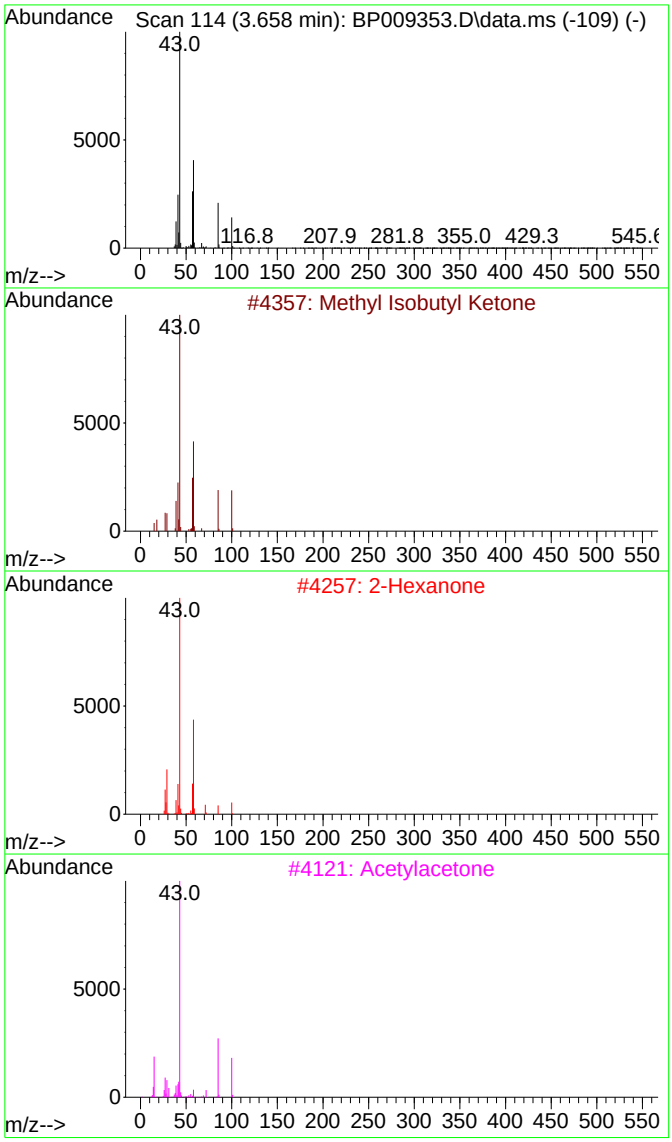
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

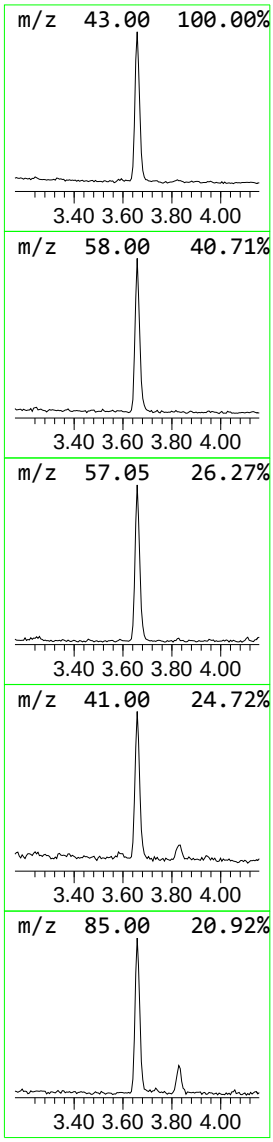
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.658	4.34 ng	447139	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	91
2	2-Hexanone	100	C6H12O	000591-78-6	72
3	Acetylacetone	100	C5H8O2	000123-54-6	46
4	Acetone	58	C3H6O	000067-64-1	38
5	3-Penten-2-one, 4-(acetyloxy)-, ...	142	C7H10O3	038365-58-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

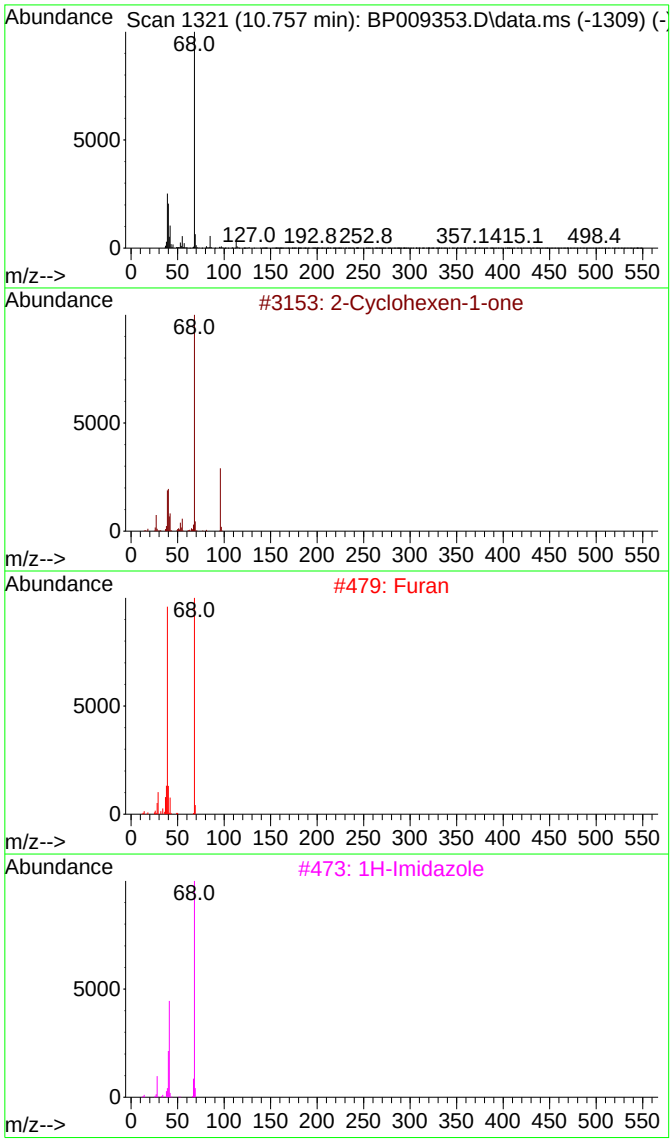
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

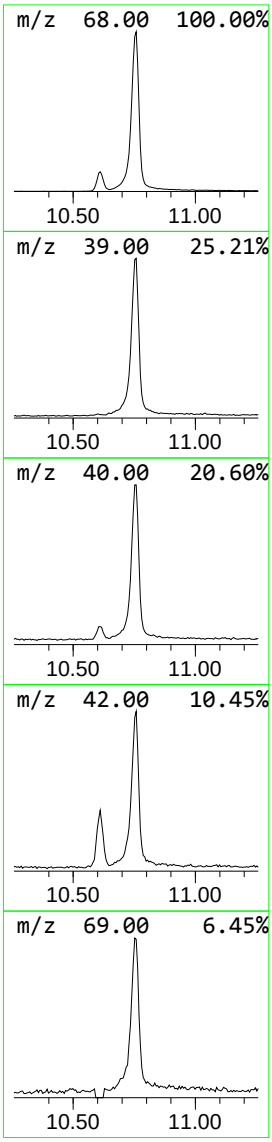
****

Peak Number 3 unknown10.758 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	13.27 ng	1880060	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	40
2	Furan	68	C4H4O	000110-00-9	9
3	1H-Imidazole	68	C3H4N2	000288-32-4	9
4	Ethyl cyanoacetate	113	C5H7NO2	000105-56-6	9
5	1H-Pyrazole	68	C3H4N2	000288-13-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

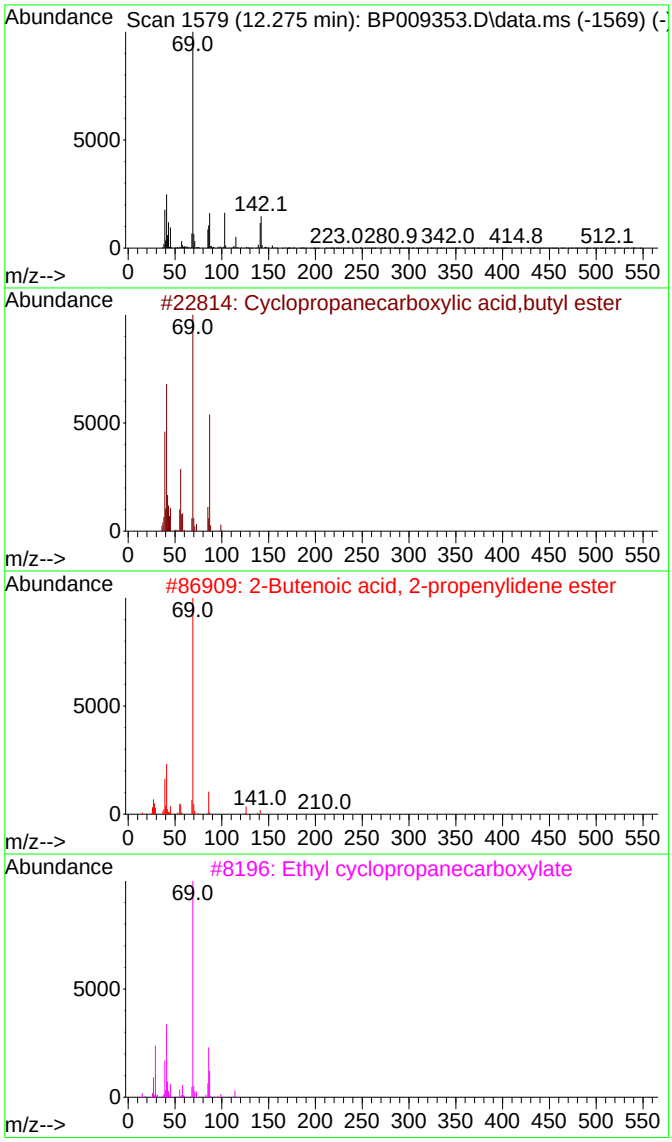
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

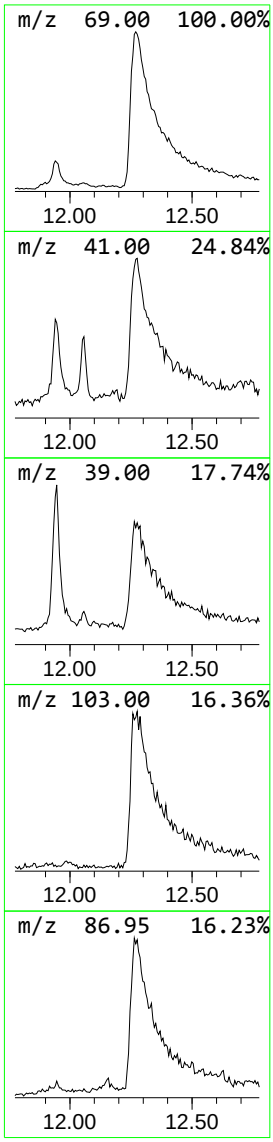
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropanecarboxylic acid... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	5.72 ng	810759	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	53
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	47
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	42
4	Glutaric acid, cyclopentyl 3-met...	268	C15H24O4	1000405-39-1	33
5	Dinocap	207	C10H9NO4	039300-45-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

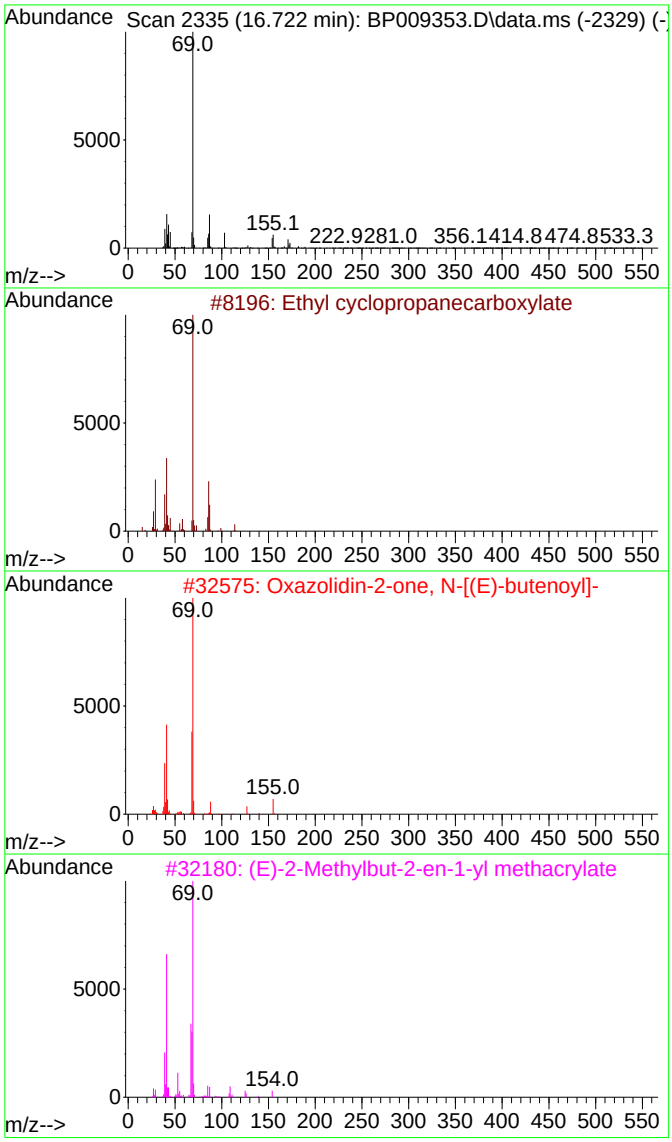
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

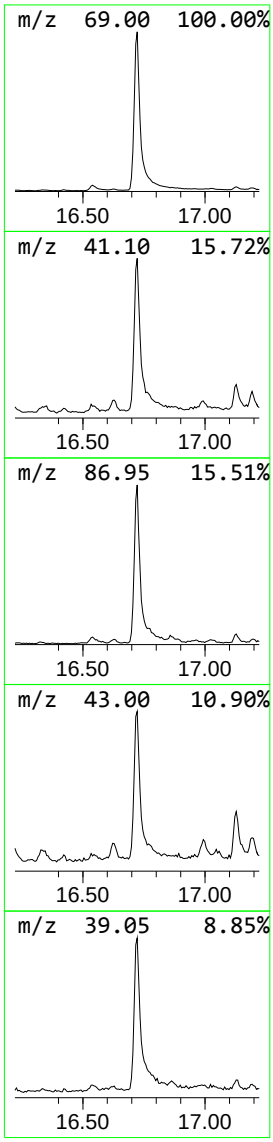
****

Peak Number 5 Ethyl cyclopropanecarboxylate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	9.60 ng	2133110	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	53
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	40
3	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	38
4	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	36
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

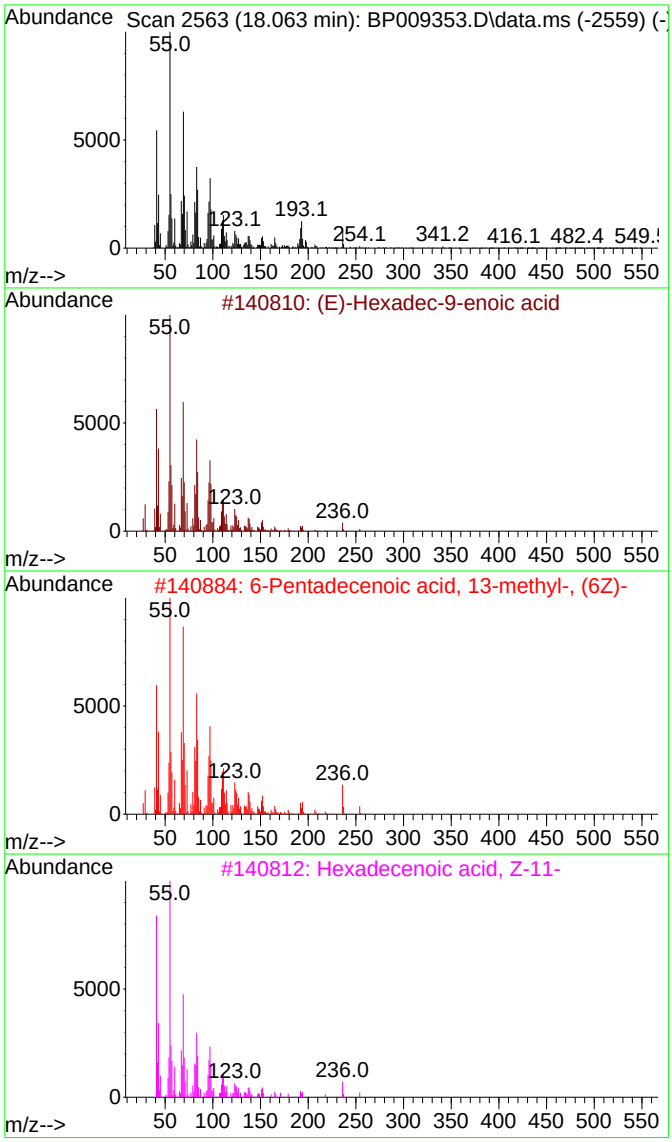
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

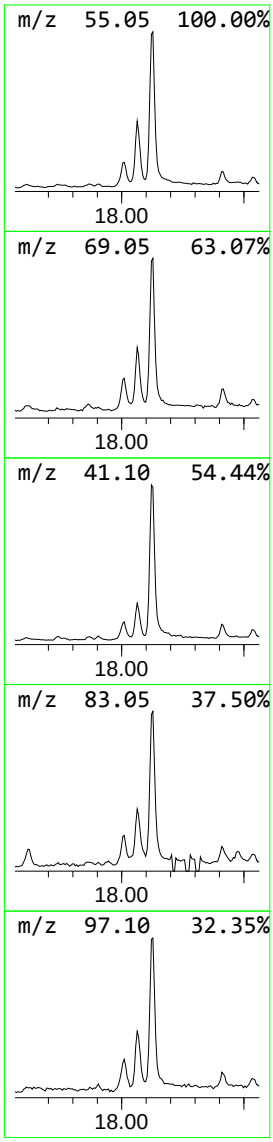
****

Peak Number 6 (E)-Hexadec-9-enoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	3.55 ng	788980	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
2	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	87
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	70
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

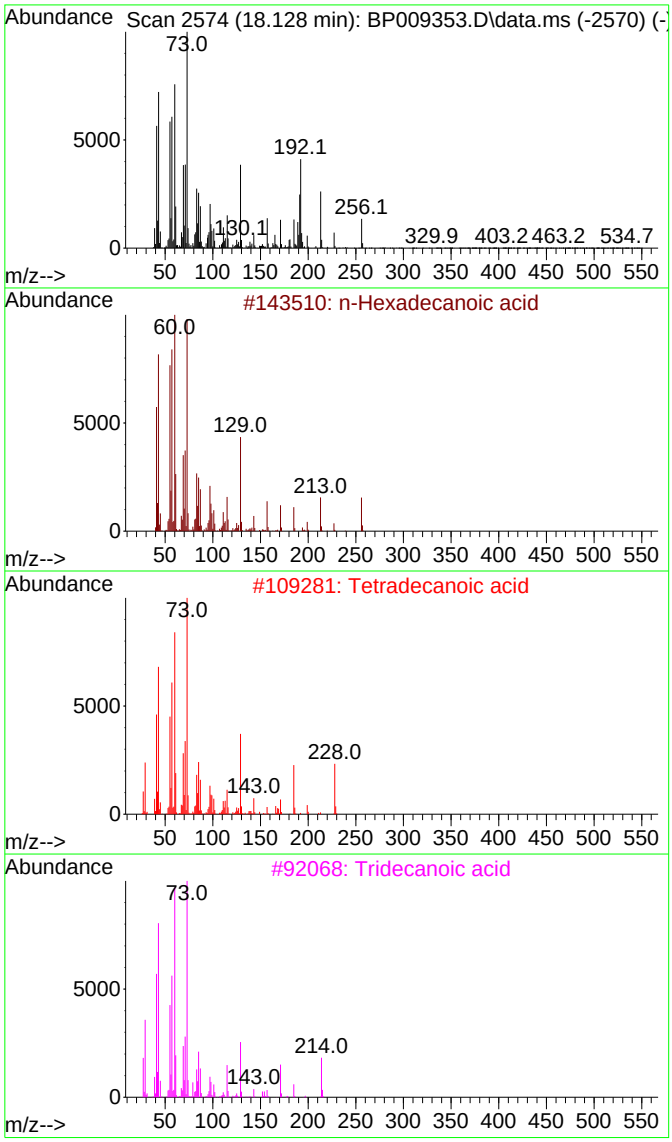
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

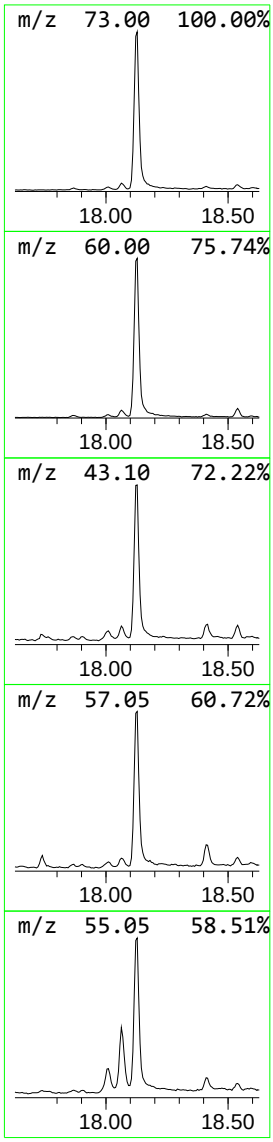
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	23.57 ng	5236900	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

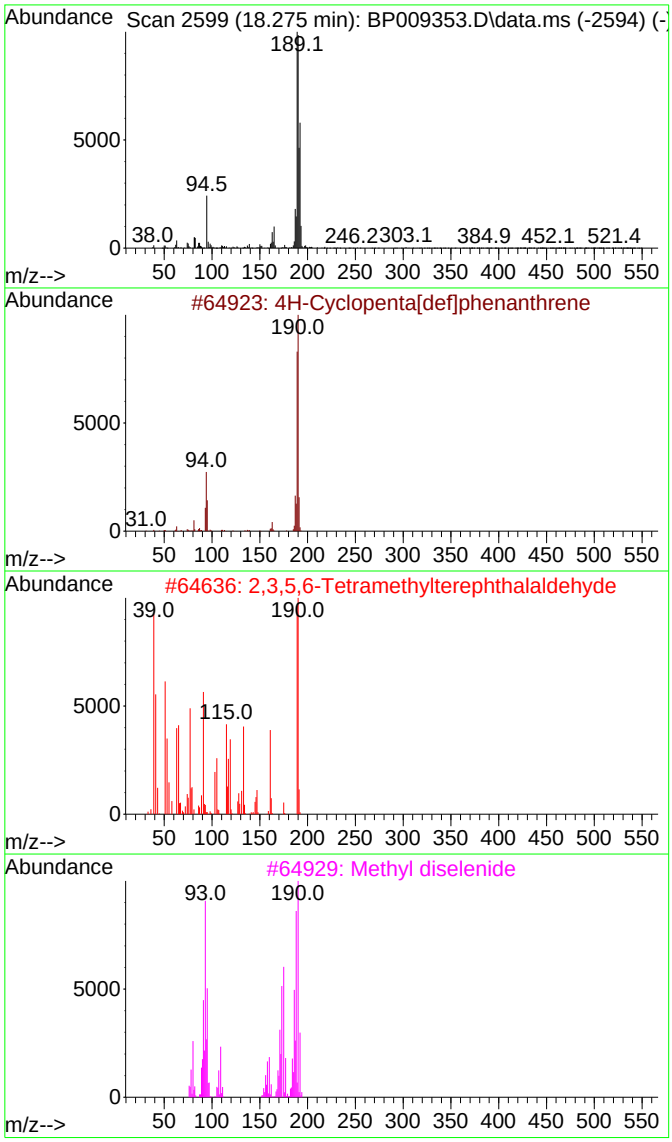
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

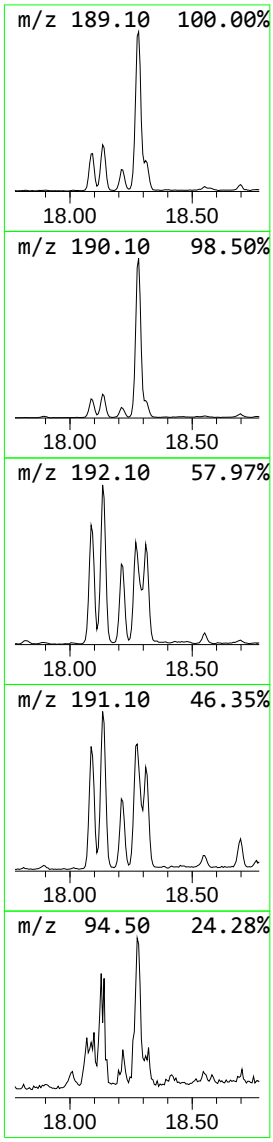
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	8.22 ng	1826870	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

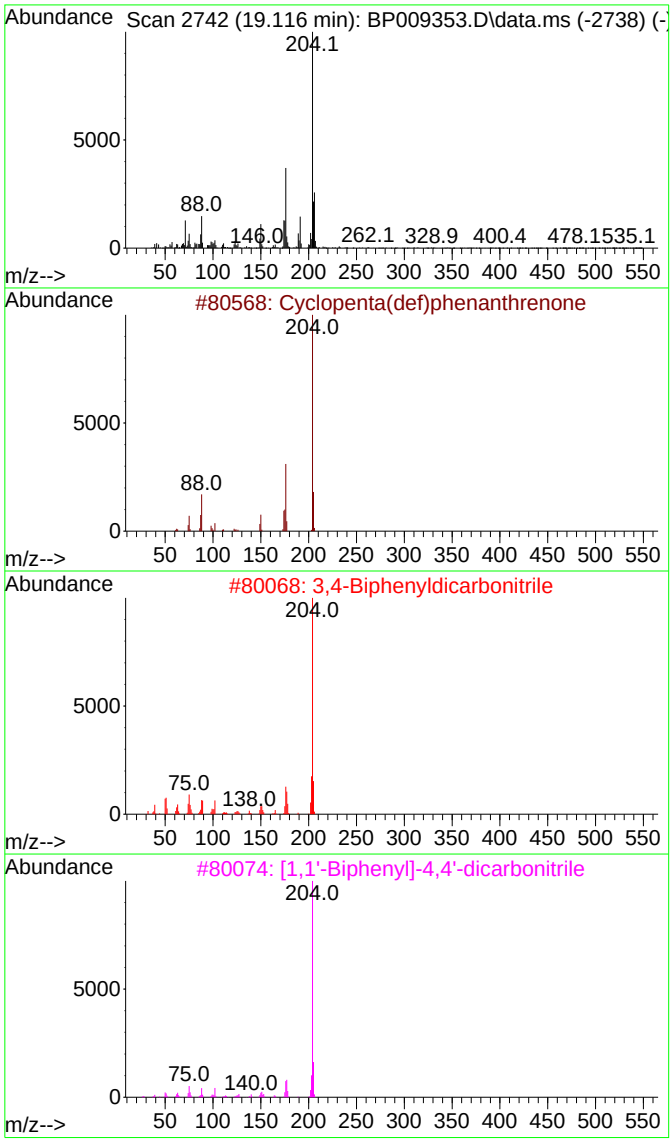
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

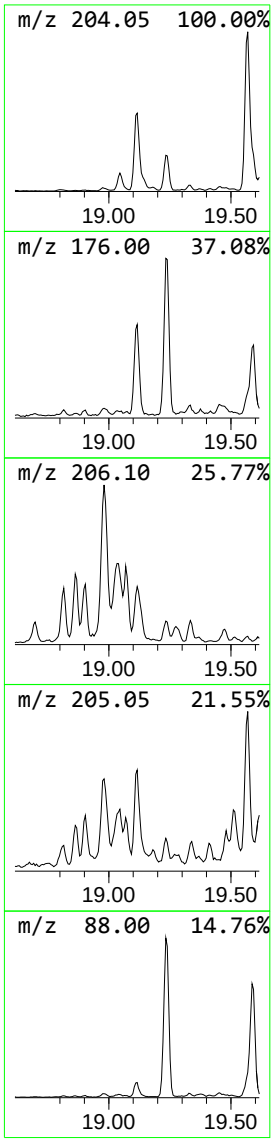
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	4.06 ng	902991	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

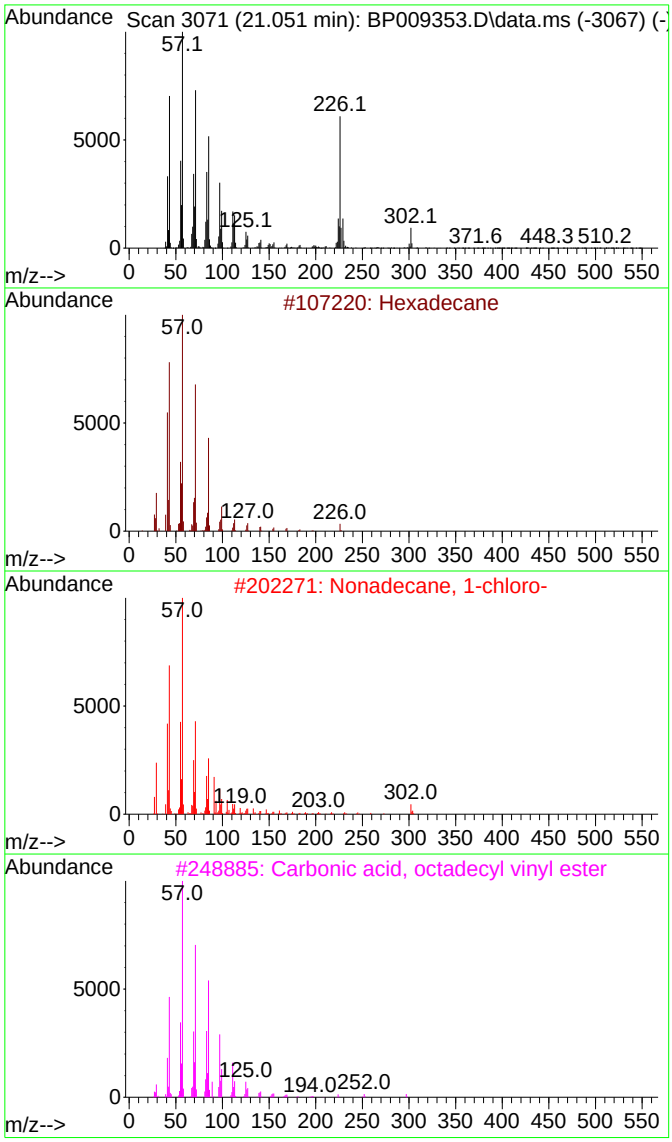
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

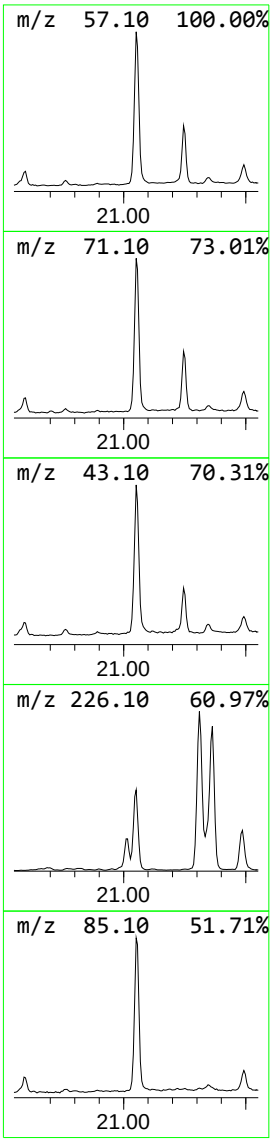
****

Peak Number 10 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	9.57 ng	6655150	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	55
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	55
4	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	53
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

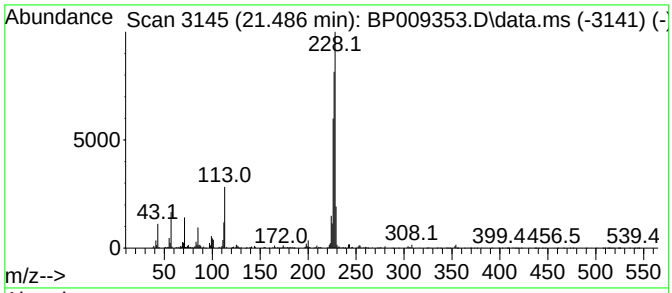
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

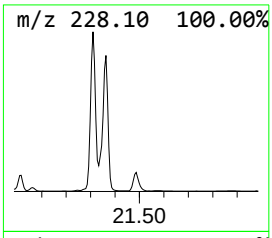
****

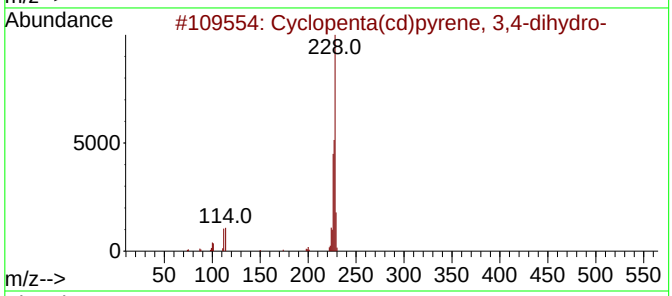
Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

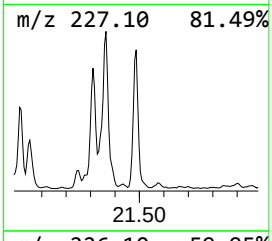
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	3.58 ng	2487780	Chrysene-d12	21.328

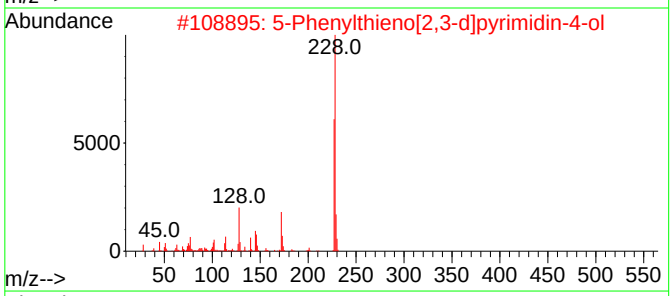
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
3	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	49
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	49
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47

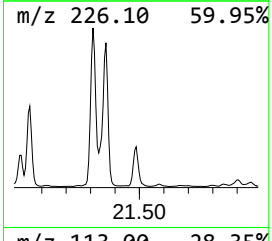


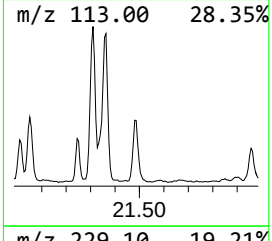


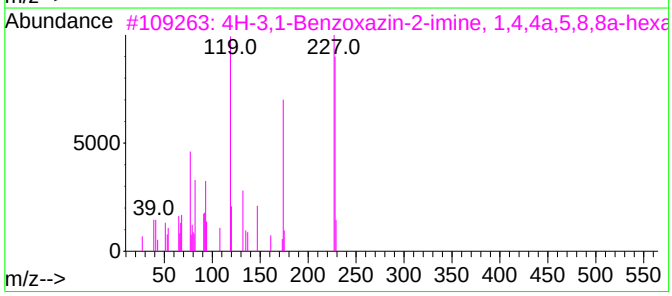


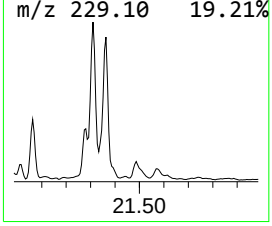












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

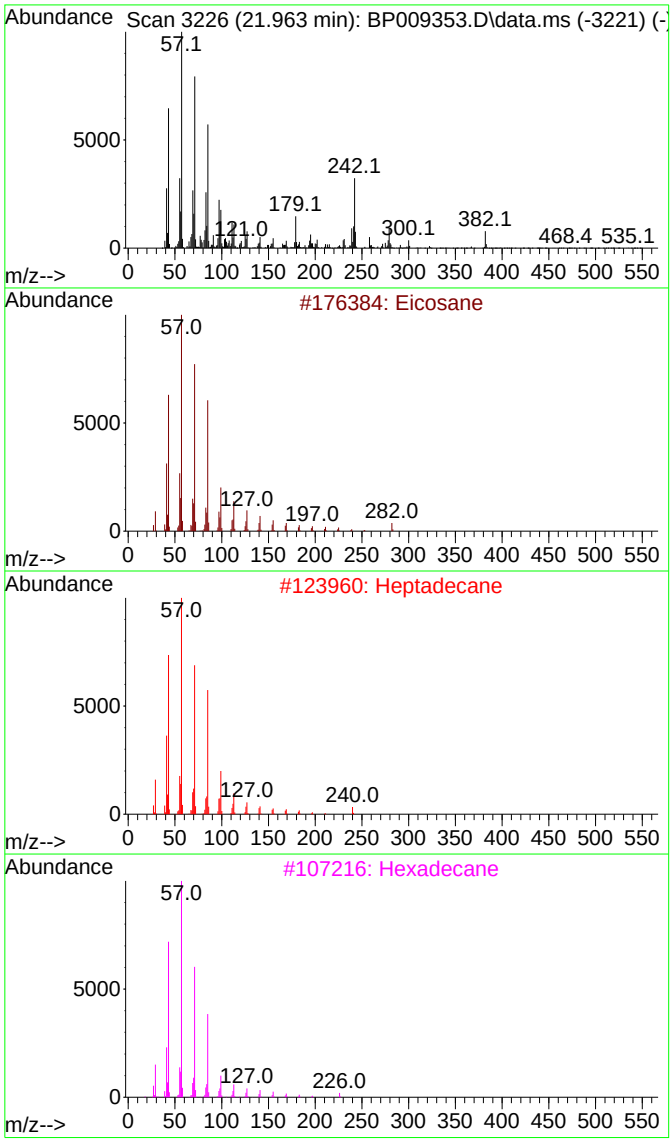
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

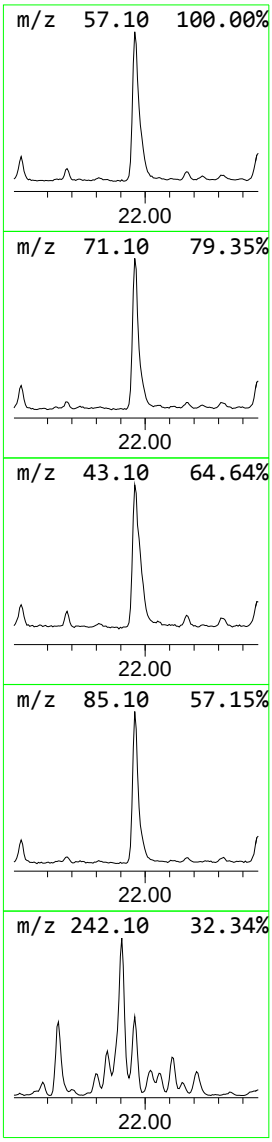
****

Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	8.95 ng	6221750	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Hexadecane	226	C16H34	000544-76-3	92
4	Tetracosane	338	C24H50	000646-31-1	83
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

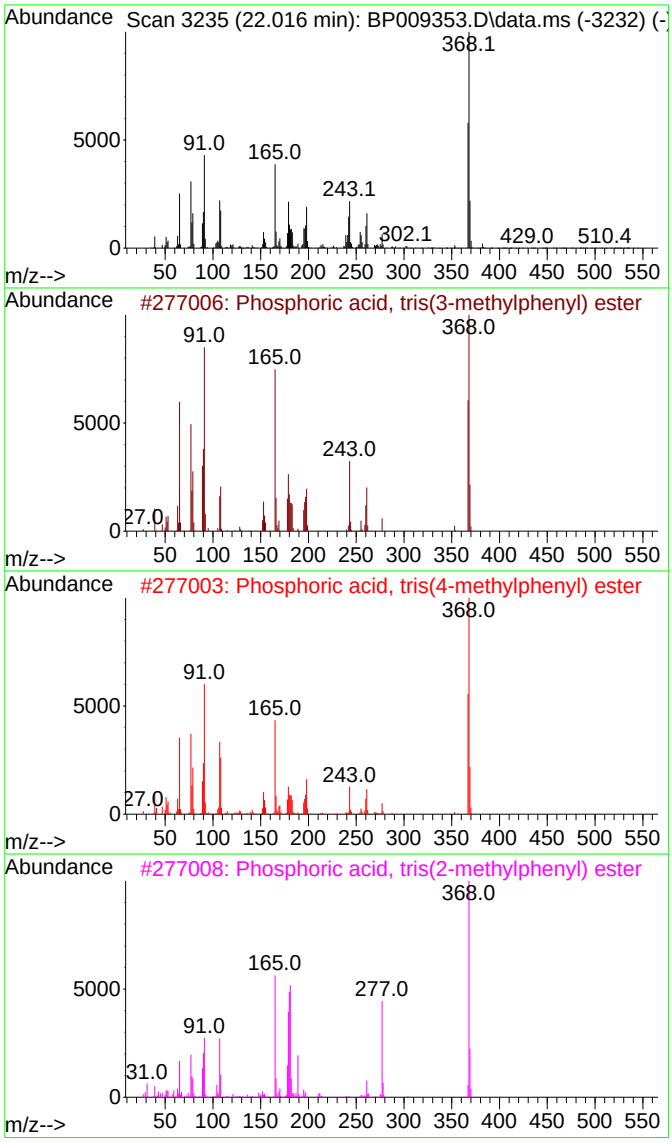
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

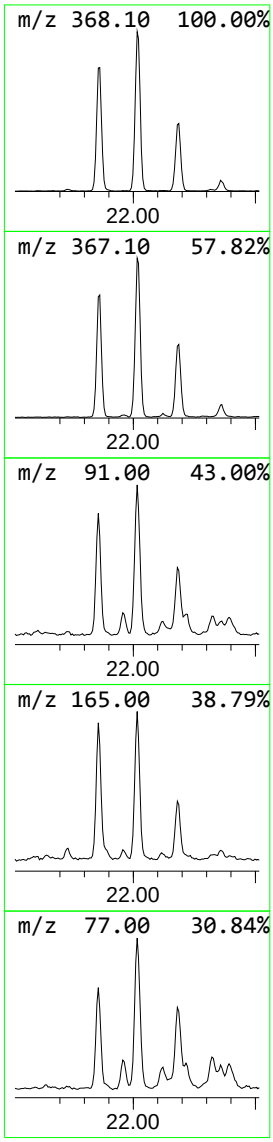
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phosphoric acid, tris(3-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.016	5.34 ng	3716880	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	96
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	38
4	[2-(4-methylphenyl)-[benzo(f)(1-...	368	C22H18N2Ni	1000193-28-5	37
5	Phenothiaphosphine, 2,8-dimethyl...	368	C20H17O3PS	023861-49-6	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

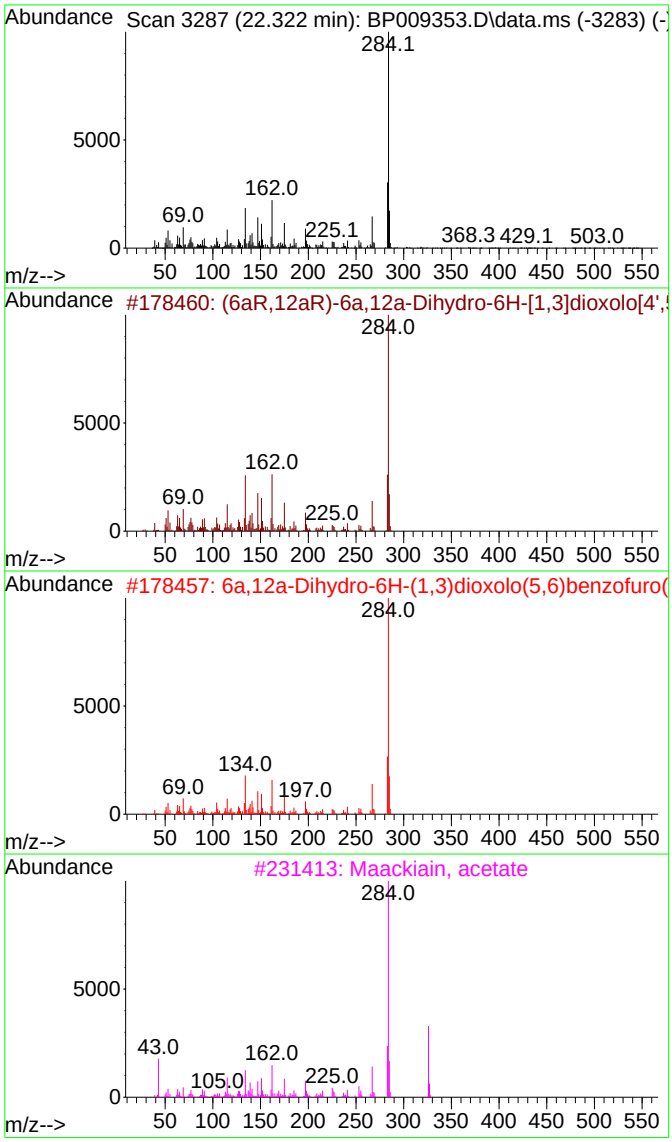
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

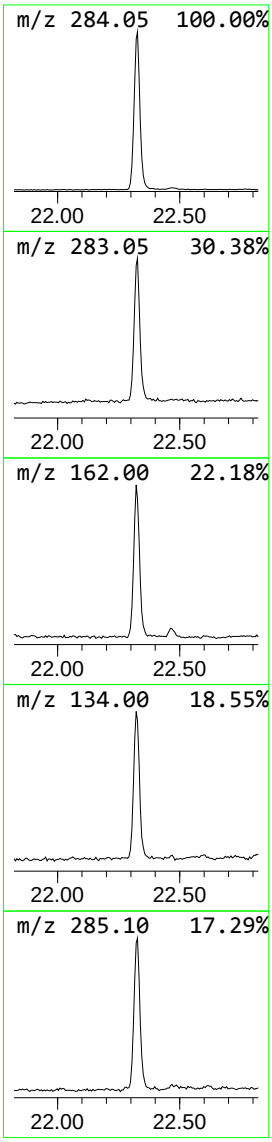
****

Peak Number 14 (6aR,12aR)-6a,12a-Dihydro-6... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.322	4.54 ng	3156710	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(6aR,12aR)-6a,12a-Dihydro-6H-[1,...	284	C16H12O5	002035-15-6	99
2	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	076496-57-6	99
3	Maackiain, acetate	326	C18H14O6	002035-16-7	76
4	Homopterocarpin	284	C17H16O4	000606-91-7	53
5	2-(9-Acridinyl)-4-methylbenzenea...	284	C20H16N2	035586-77-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

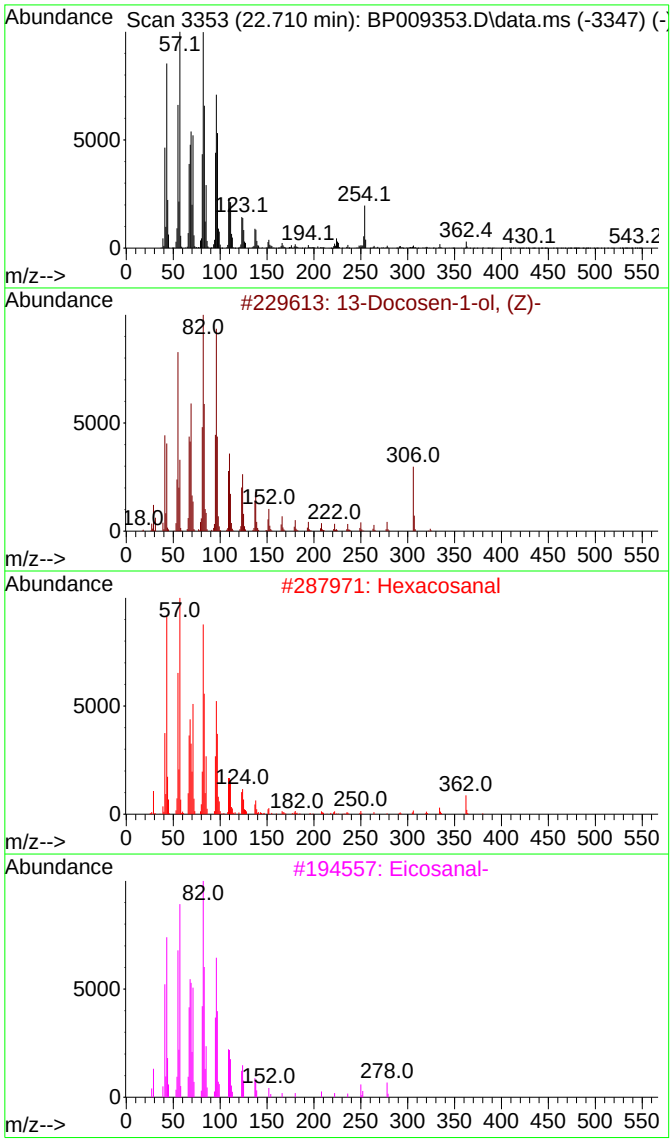
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

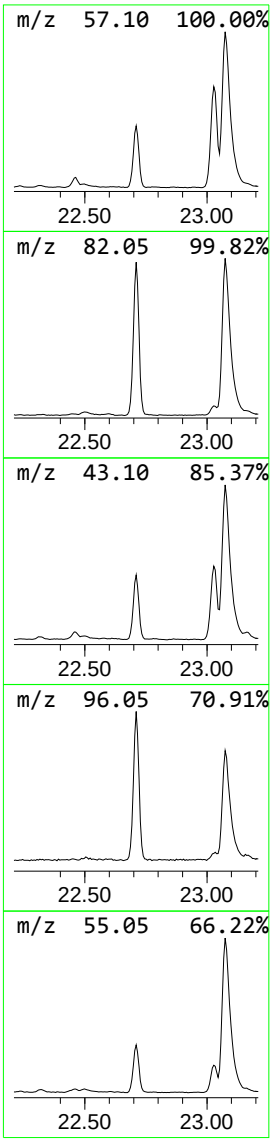
****

Peak Number 15 13-Docosen-1-ol, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.710	38.74 ng	8783280	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2	Hexacosanal	380	C26H52O	026627-85-0	94
3	Eicosanal-	296	C20H40O	002400-66-0	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	1,19-Eicosadiene	278	C20H38	014811-95-1	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

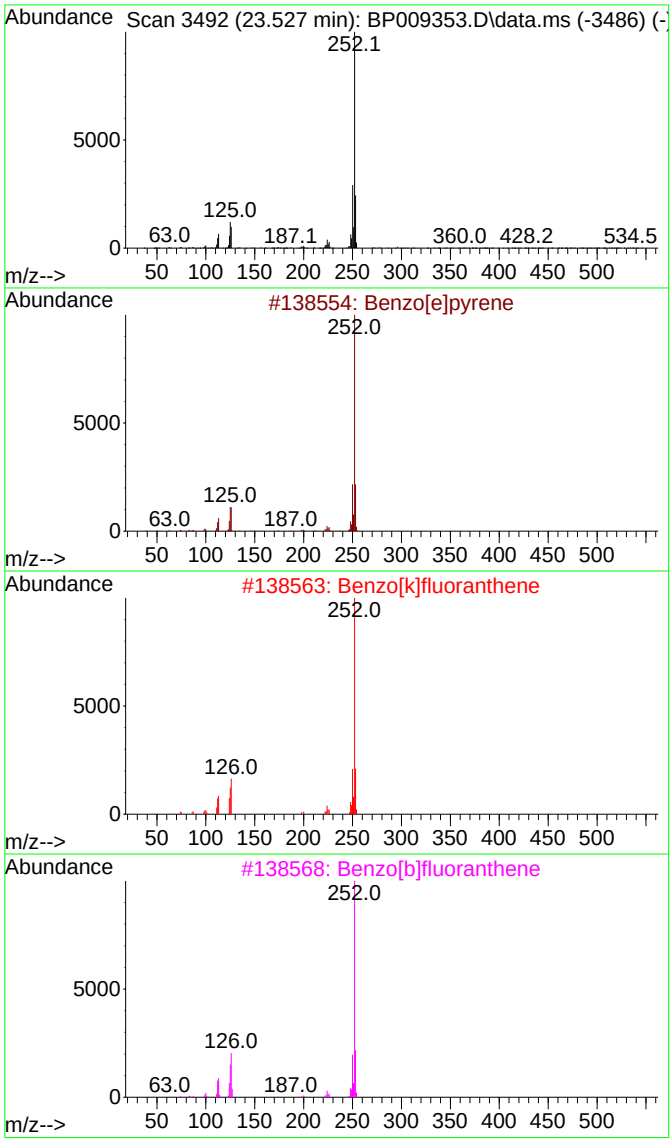
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

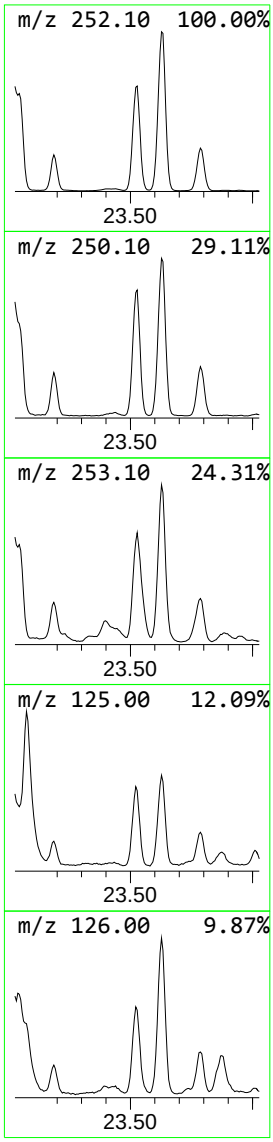
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	25.02 ng	5672940	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

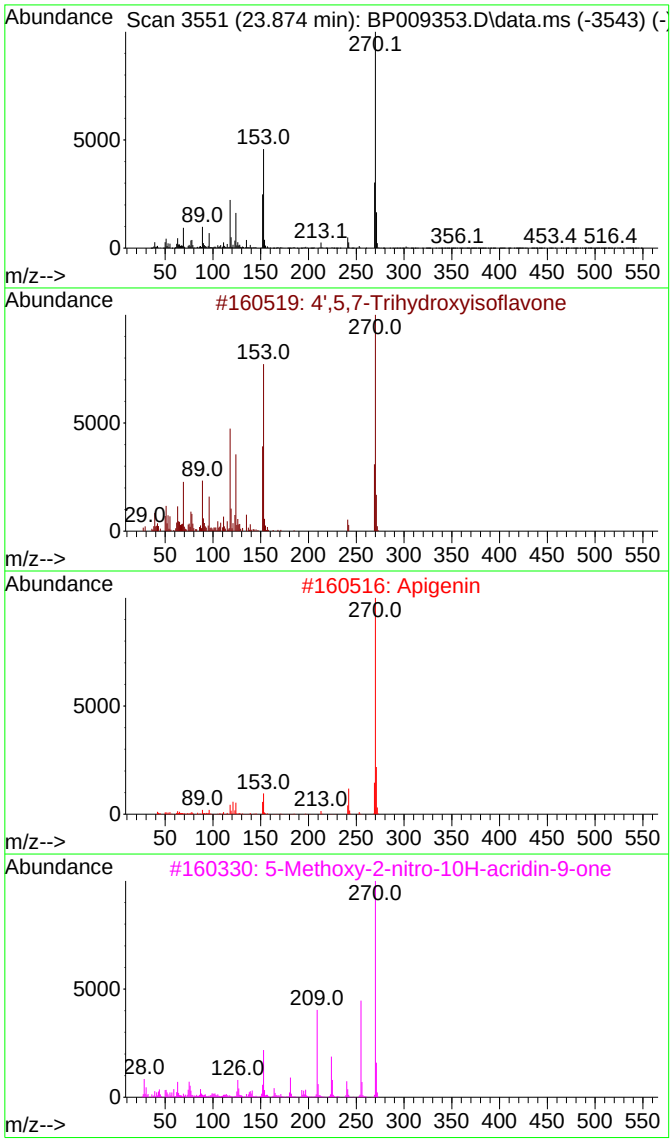
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

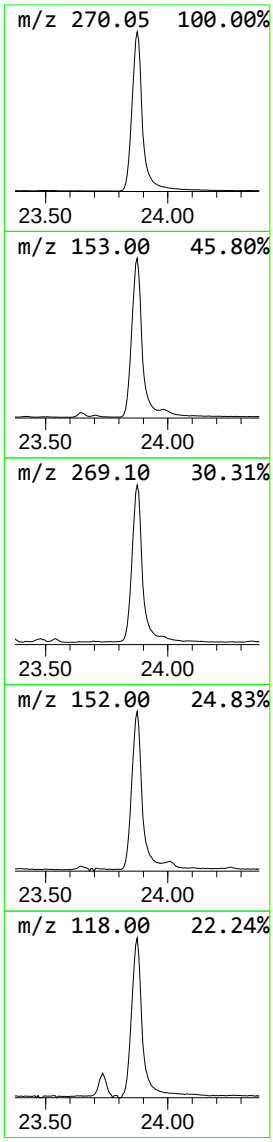
****

Peak Number 17 4',5,7-Trihydroxyisoflavone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.874	80.54 ng	18260600	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4',5,7-Trihydroxyisoflavone	270	C15H10O5	000446-72-0	99
2	Apigenin	270	C15H10O5	000520-36-5	64
3	5-Methoxy-2-nitro-10H-acridin-9-one	270	C14H10N2O4	013306-46-2	49
4	Emodin	270	C15H10O5	000518-82-1	46
5	1H-Purine-2,6-dione, 3,7-dihydro...	270	C14H14N4O2	002879-15-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

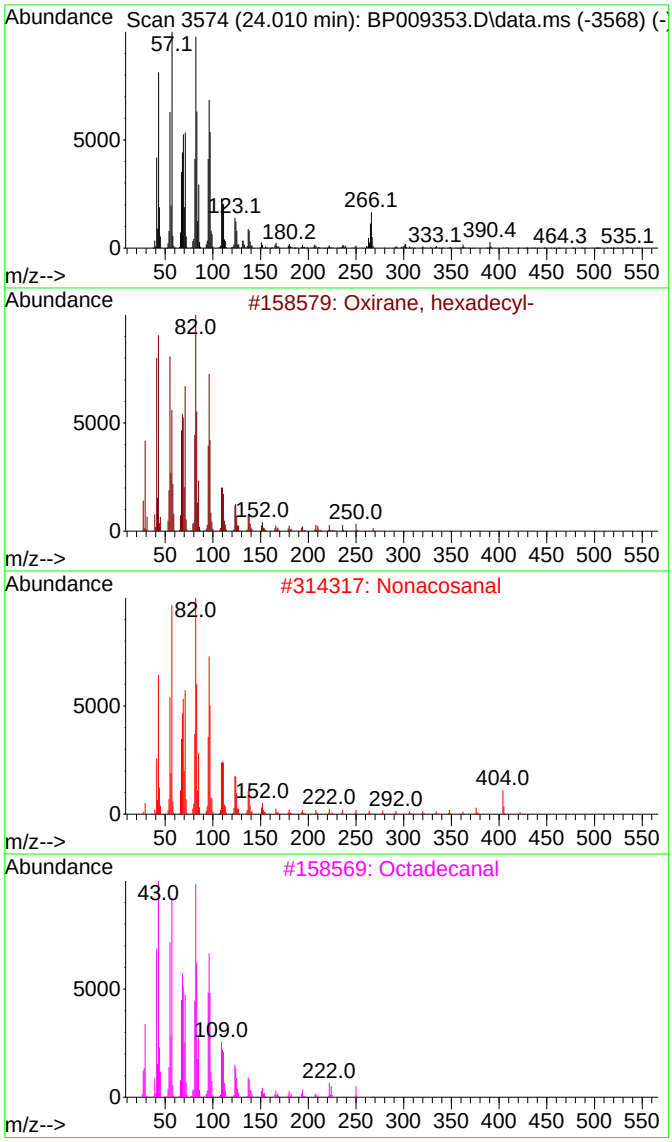
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

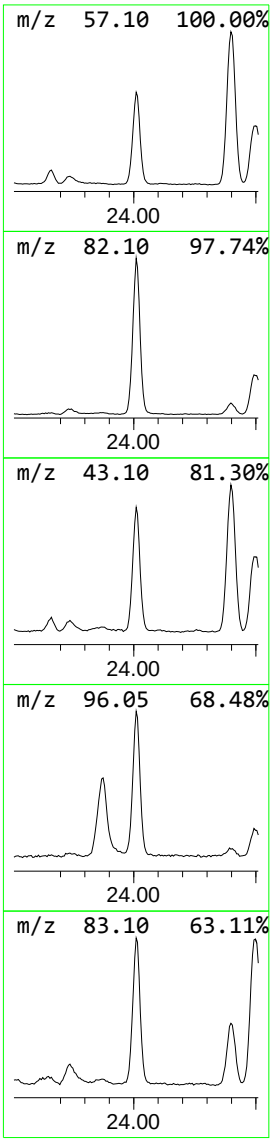
****

Peak Number 18 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.010	34.76 ng	7881770	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Nonacosanal	422	C29H58O	072934-04-4	93
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	Z-13-Octadecen-1-yl acetate	310	C20H38O2	060037-58-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

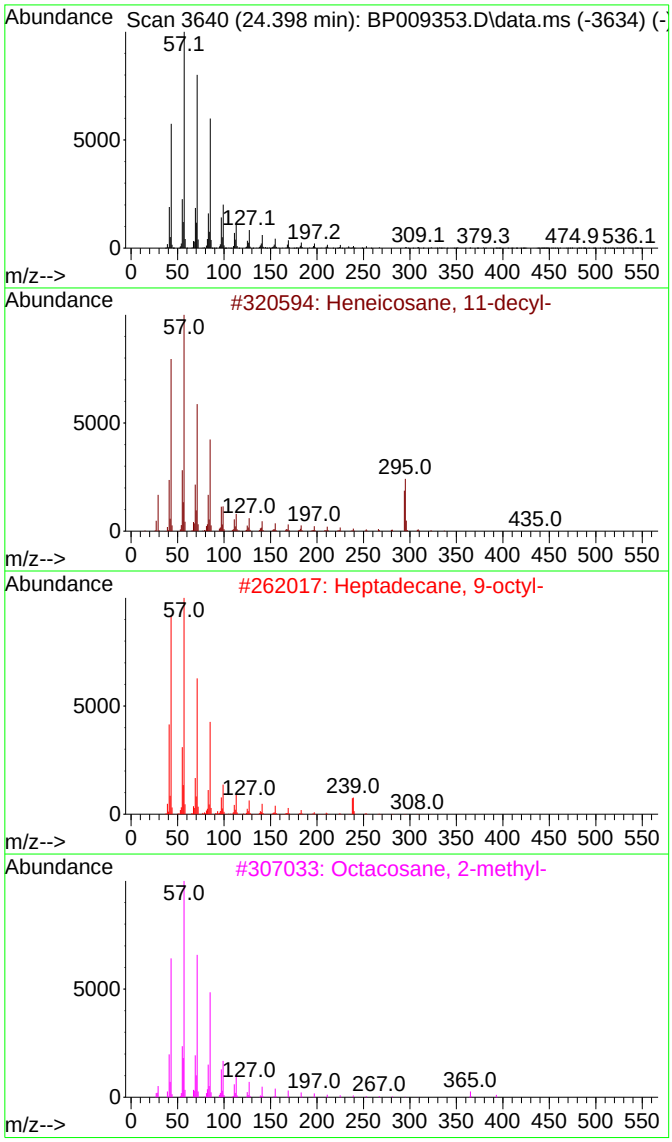
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

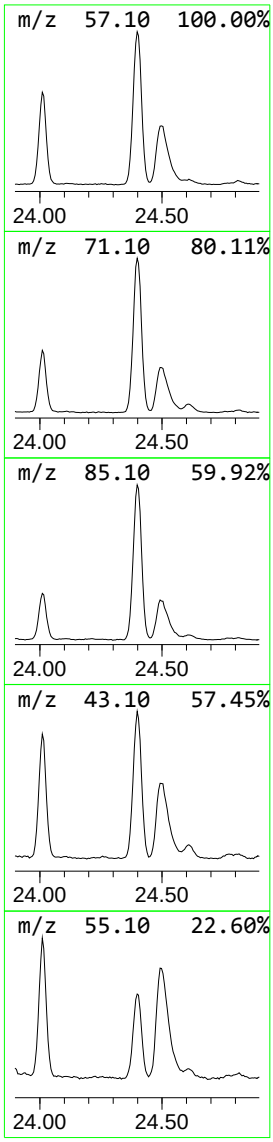
****

Peak Number 19 Heneicosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.398	28.86 ng	6542600	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Methylheptacosane	394	C28H58	001561-00-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

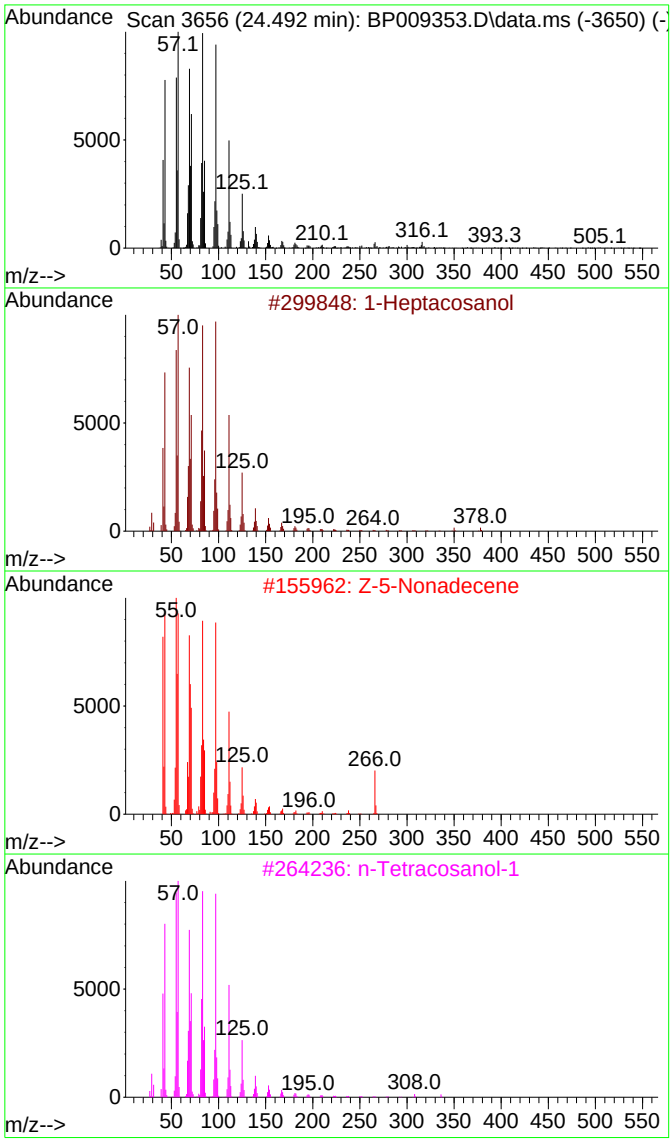
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

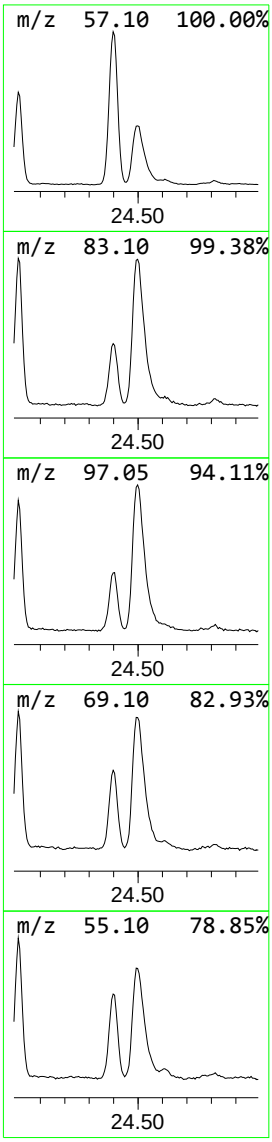
****

Peak Number 20 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.492	32.08 ng	7272750	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	Octacosanol	410	C28H58O	000557-61-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009353.D
Acq On : 10 Mar 2022 20:04
Operator : CG/JU
Sample : N1848-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B4-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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...	3.070	7.9	ng	811935	1	7.816	2062290	20.0
Methyl Isobutyl...	3.658	4.3	ng	447139	1	7.816	2062290	20.0
unknown10.758	10.758	13.3	ng	1880060	2	10.610	2833680	20.0
Cyclopropanecar...	12.275	5.7	ng	810759	2	10.610	2833680	20.0
Ethyl cycloprop...	16.722	9.6	ng	2133110	4	17.216	4443840	20.0
(E)-Hexadec-9-e...	18.063	3.5	ng	788980	4	17.216	4443840	20.0
n-Hexadecanoic ...	18.128	23.6	ng	5236900	4	17.216	4443840	20.0
4H-Cyclopenta[d...	18.275	8.2	ng	1826870	4	17.216	4443840	20.0
Cyclopenta(def)...	19.116	4.1	ng	902991	4	17.216	4443840	20.0
Hexadecane	21.051	9.6	ng	6655150	5	21.328	13908800	20.0
Cyclopenta(cd)p...	21.486	3.6	ng	2487780	5	21.328	13908800	20.0
Eicosane	21.963	8.9	ng	6221750	5	21.328	13908800	20.0
Phosphoric acid...	22.016	5.3	ng	3716880	5	21.328	13908800	20.0
(6aR,12aR)-6a,1...	22.322	4.5	ng	3156710	5	21.328	13908800	20.0
13-Docosen-1-ol...	22.710	38.7	ng	8783280	6	23.733	4534570	20.0
Benzo[e]pyrene	23.527	25.0	ng	5672940	6	23.733	4534570	20.0
4',5,7-Trihydro...	23.874	80.5	ng	18260600	6	23.733	4534570	20.0
Oxirane, hexade...	24.010	34.8	ng	7881770	6	23.733	4534570	20.0
Heneicosane, 11...	24.398	28.9	ng	6542600	6	23.733	4534570	20.0
1-Heptacosanol	24.492	32.1	ng	7272750	6	23.733	4534570	20.0