LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

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\8270-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.546	274	282	294	rBV	110232	504702	5.98%	0.488%
2	4.999	352	359	371	rVB2	40360	106732	1.26%	0.103%
3	5.222	391	397	417	rVB	2775150	4142153	49.08%	4.004%
4	6.793	656	664	679	rBV	2817606	4590975	54.40%	4.438%
5	7.605	794	802	812	rBV	1089916	1710186	20.27%	1.653%
6	7.922	848	856	865	rBV	2441204	3936408	46.65%	3.805%
7	8.746	983	996	1011	rBV	1890459	3071971	36.40%	2.969%
8	10.375	1266	1273	1280	rBV	1457140	2416407	28.63%	2.336%
9	11.669	1487	1493	1502	rBV4	41055	114127	1.35%	0.110%
10	12.081	1550	1563	1591	rBV	1939600	5205773	61.69%	5.032%
11	12.869	1690	1697	1708	rVB	4261477	6553465	77.66%	6.334%
12	13.157	1740	1746	1755	rVB3	41717	91746	1.09%	0.089%
13	13.710	1832	1840	1849	rBV	707813	1042633	12.36%	1.008%
14	13.963	1878	1883	1891	rVB	89997	162725	1.93%	0.157%
15	14.245	1925	1931	1939	rBV2	2156276	3355691	39.76%	3.244%
16	14.951	2045	2051	2057	rVB	69818	93751	1.11%	0.091%
17	15.739	2176	2185	2197	rBV	3128270	4542678	53.83%	4.391%
18	15.898	2208	2212	2218	rBV3	66514	114936	1.36%	0.111%
19	16.392	2292	2296	2301	rBV2	155622	236540	2.80%	0.229%
20	16.545	2314	2322	2338	rBV	2577960	4681629	55.48%	4.525%
21	16.939	2386	2389	2394	rBV	74639	123735	1.47%	0.120%
22	16.998	2394	2399	2404	rVV	2562320	3737156	44.29%	3.612%
23	17.039	2404	2406	2411	rVV	436223	505162	5.99%	0.488%
24	17.092	2412	2415	2418	rVV2	61642	84458	1.00%	0.082%
25	17.133	2418	2422	2428	rVB	175718	233896	2.77%	0.226%
26	17.398	2464	2467	2473	rVB2	123871	178911	2.12%	0.173%
27	17.816	2533	2538	2541	rBV	220253	336558	3.99%	0.325%
28	17.875	2544	2548	2553	rVV2	382860	553871	6.56%	0.535%
29	17.933	2553	2558	2565	rVV2	965607	1366991	16.20%	1.321%
30	18.063	2576	2580	2584	rBV2	92293	139153	1.65%	0.135%
31	18.227	2604	2608	2613	rVB3	73957	108305	1.28%	0.105%
32	18.769	2697	2700	2705	rBV2	77172	110248	1.31%	0.107%
33	18.886	2717	2720	2726	rBV3	218812	323682	3.84%	0.313%
34	18.992	2733	2738	2741	rBV	1793643	2221362	26.32%	2.147%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

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\8270-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.022	2741	2743	2747	rVV	1146444	1253016	14.85%	1.211%
36	19.080	2750	2753	2764	rVB3	212545	378651	4.49%	0.366%
37	19.174	2765	2769	2774	rBV2	248848	350577	4.15%	0.339%
38	19.375	2795	2803	2806	rBV	1000485	1488600	17.64%	1.439%
39	19.586	2834	2839	2846	rVB	6515864	8438870	100.00%	8.157%
40	19.645	2846	2849	2853	rVB2	129299	139413	1.65%	0.135%
41	20.233	2946	2949	2952	rBV	205959	216044	2.56%	0.209%
42	20.404	2975	2978	2986	rVB	168359	233613	2.77%	0.226%
43	20.569	3003	3006	3008	rBV4	147842	198990	2.36%	0.192%
44	20.698	3024	3028	3031	rBV3	511873	697767	8.27%	0.674%
45	20.733	3031	3034	3040	rVB4	1019798	1266776	15.01%	1.224%
46	20.786	3041	3043	3047	rBV	124962	127148	1.51%	0.123%
47	20.845	3049	3053	3063	rVB4	1191677	1807538	21.42%	1.747%
48	21.045	3085	3087	3090	rBV2	118633	108438	1.28%	0.105%
49	21.098	3090	3096	3100	rVV2	3456874	5046181	59.80%	4.878%
50	21.133	3100	3102	3112	rVB	627019	760736	9.01%	0.735%
51	21.286	3125	3128	3132	rVB2	323157	352090	4.17%	0.340%
52	21.721	3198	3202	3207	rVB2	851905	1158321	13.73%	1.120%
53	22.174	3276	3279	3287	rVB	327762	490904	5.82%	0.474%
54	22.398	3314	3317	3326	rVB	288947	415480	4.92%	0.402%
55	22.639	3353	3358	3361	rBV	562073	1045128	12.38%	1.010%
56	22.680	3361	3365	3369	rVV2	1568593	2628602	31.15%	2.541%
57	22.715	3369	3371	3382	rVB2	885258	1347011	15.96%	1.302%
58	23.104	3433	3437	3445	rVB	382128	695956	8.25%	0.673%
59	23.198	3448	3453	3457	rBV	488660	857976	10.17%	0.829%
60	23.245	3458	3461	3464	rVV	311702	466862	5.53%	0.451%
61	23.298	3464	3470	3476	rVB	1940864	3517685	41.68%	3.400%
62	23.551	3510	3513	3519	rVB2	248931	407438	4.83%	0.394%
63	23.898	3565	3572	3579	rBV	2990364	5942942	70.42%	5.744%
64	23.968	3579	3584	3597	rVB	972954	1981132	23.48%	1.915%
65	25.509	3840	3846	3856	rVB3	592733	1657747	19.64%	1.602%
66	26.345	3983	3988	4001	rVB5	469905	1281240	15.18%	1.238%

Sum of corrected areas: 103457588

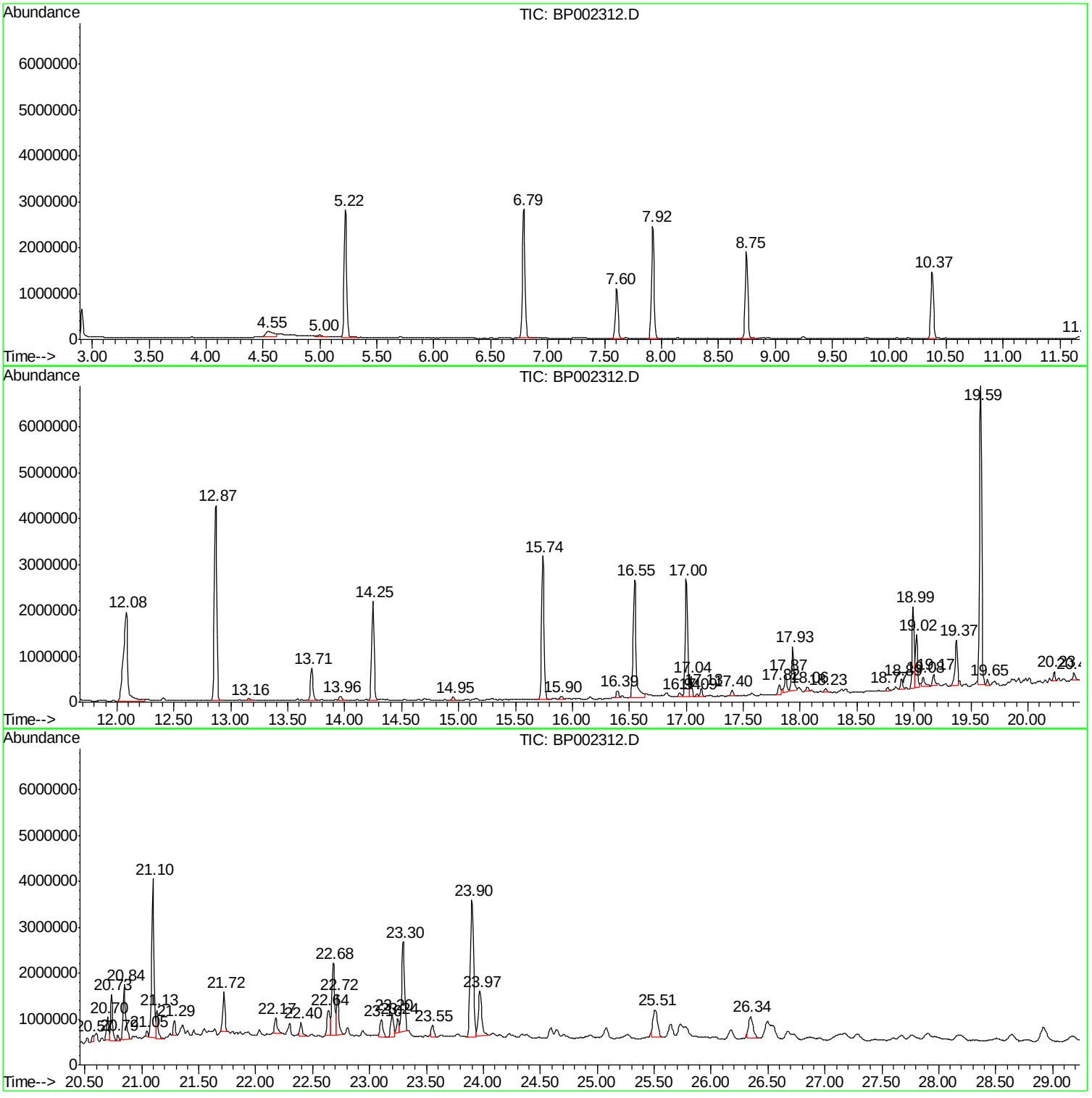
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

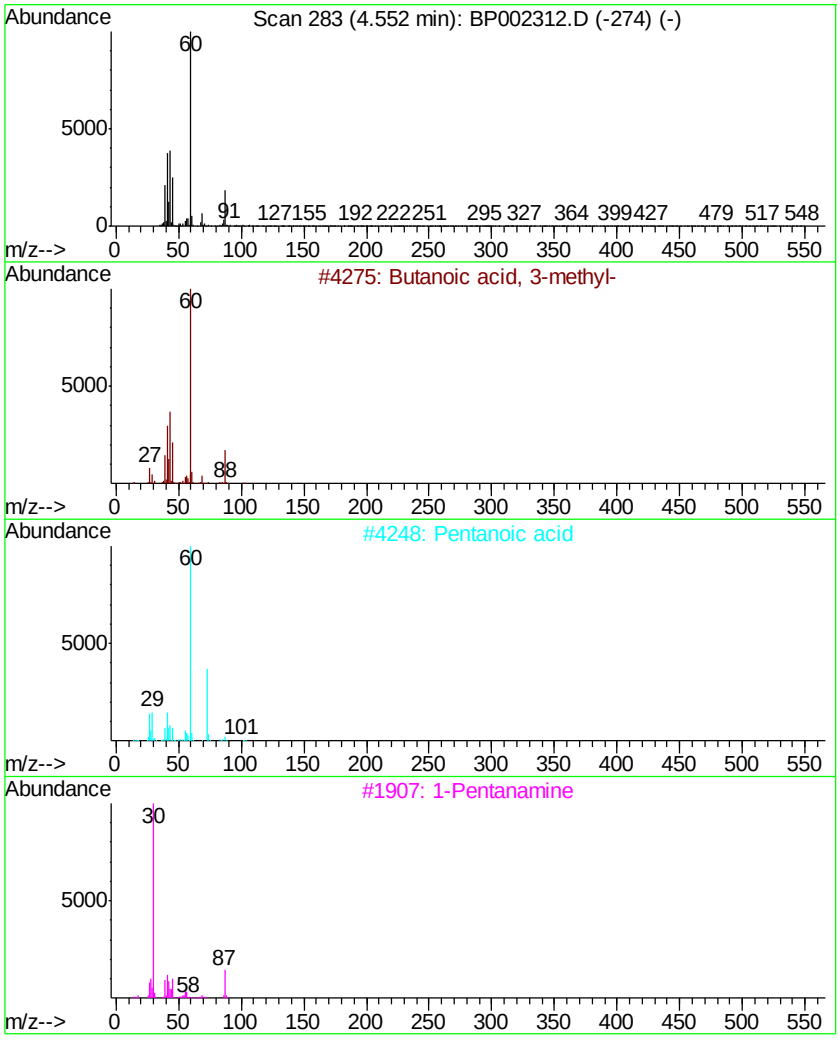
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

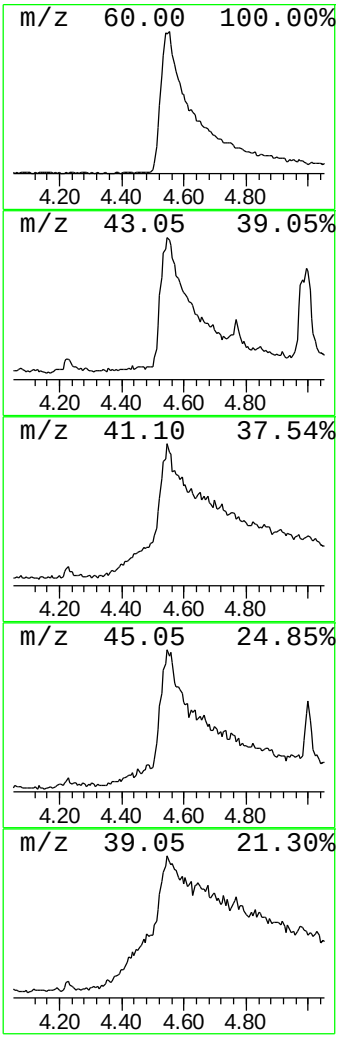
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	5.90 ng	504702	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	86
2	Pentanoic acid	102	C5H10O2	000109-52-4	33
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
5	Urea, N-methyl-N-nitroso-	103	C2H5N3O2	000684-93-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

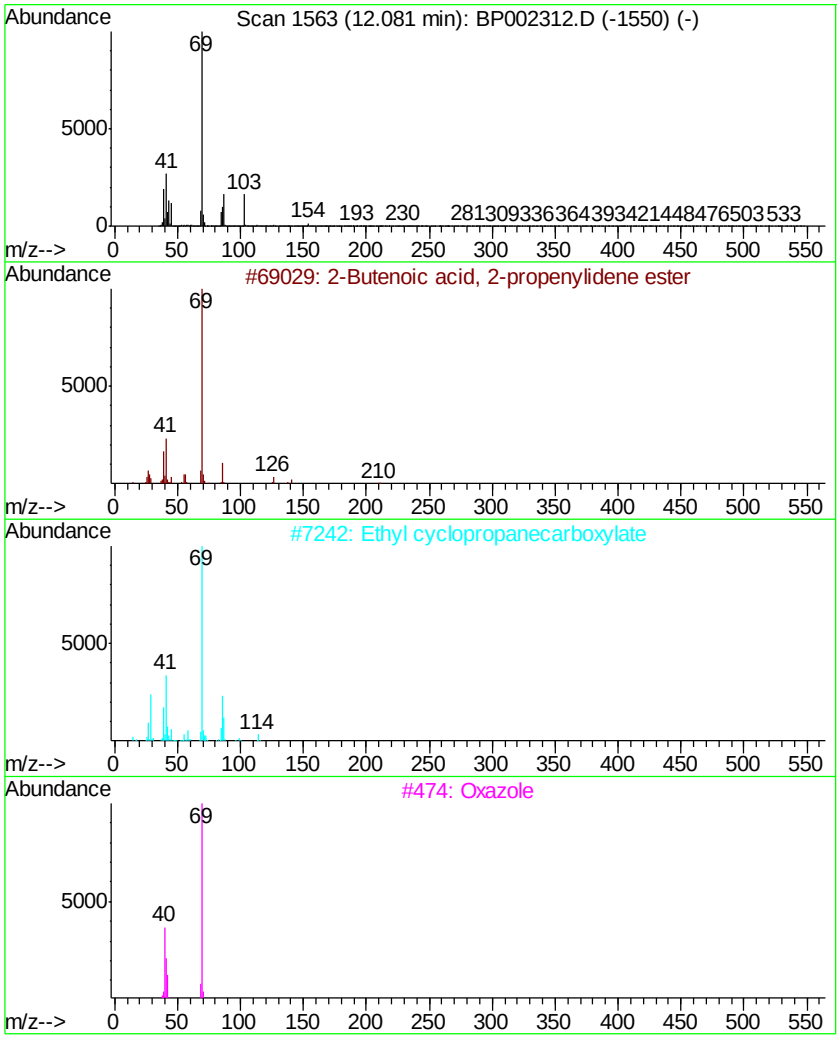
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

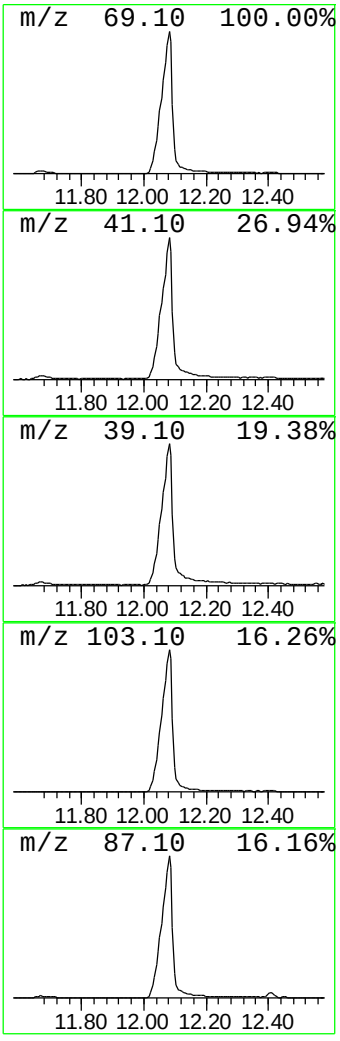
****

Peak Number 3 unknown12.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	43.09 ng	5205770	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
3	Oxazole	69	C3H3NO	000288-42-6	9
4	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	9
5	Vinyl crotonate	112	C6H8O2	014861-06-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

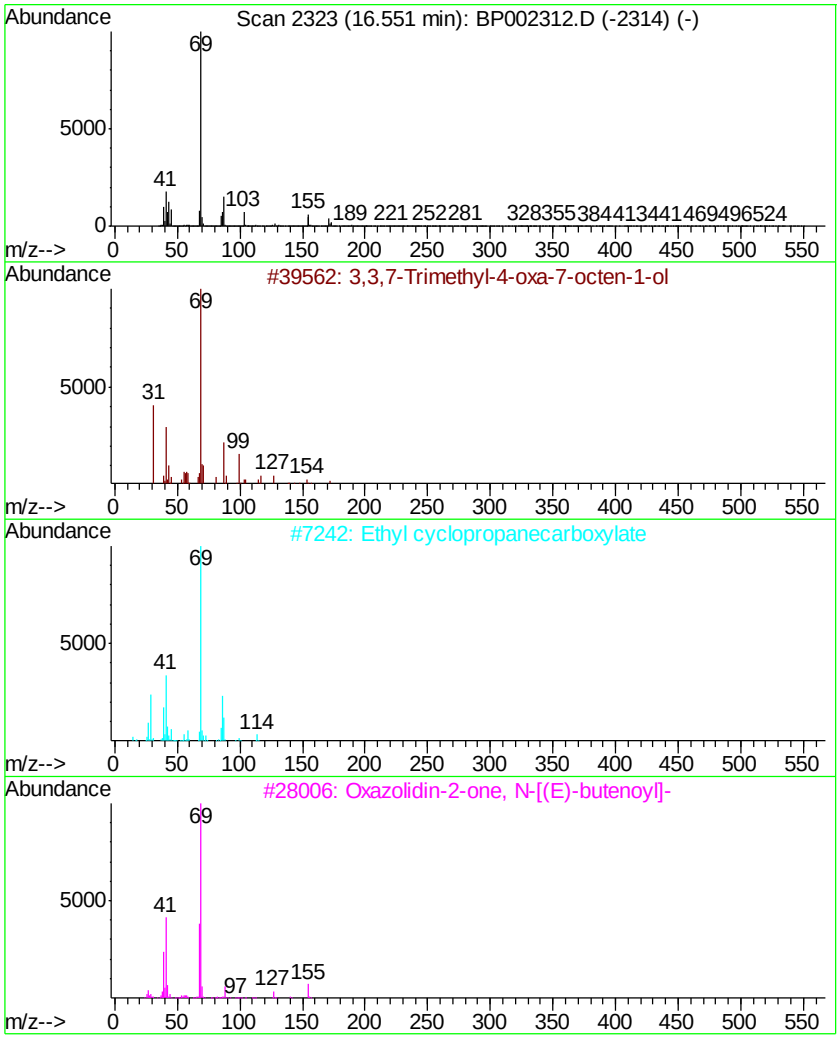
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

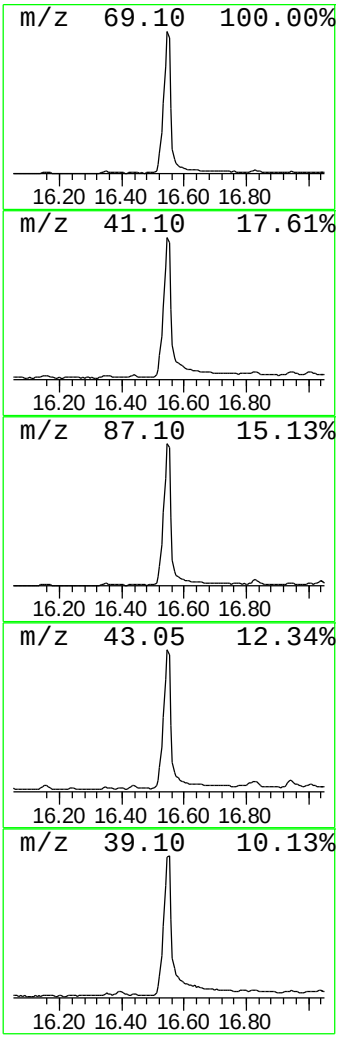
****

Peak Number 4 unknown16.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	25.05 ng	4681630	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	39
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	36
3	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	33
4	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
5	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

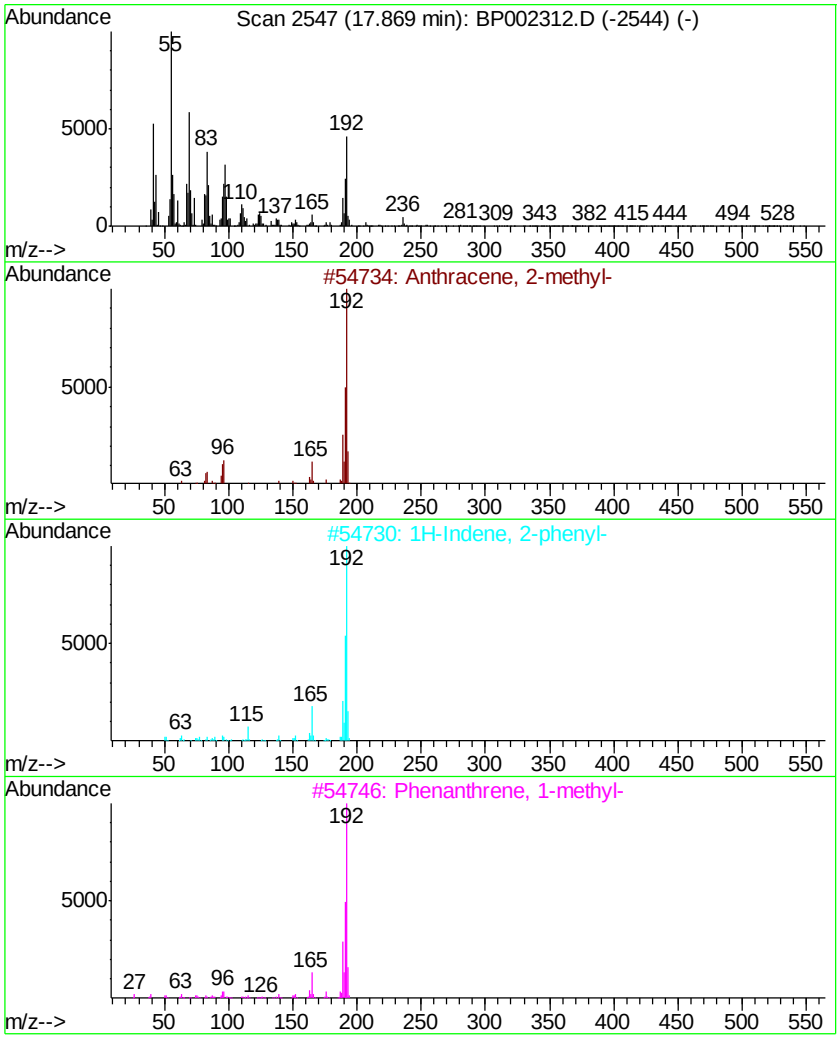
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

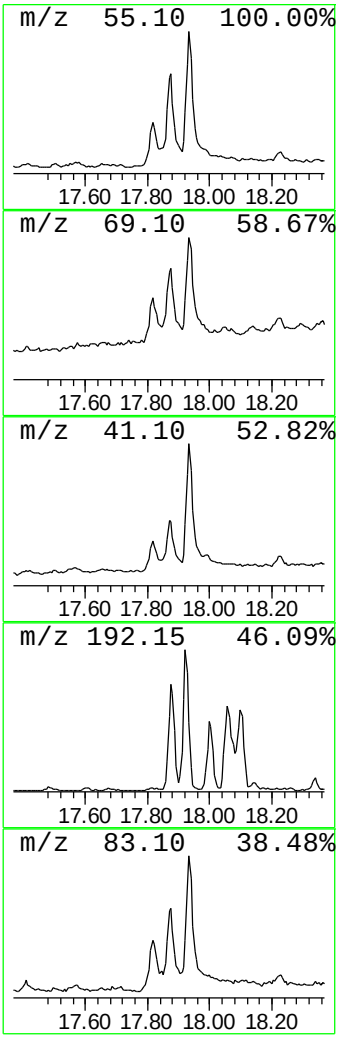
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.96 ng	553871	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	52
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

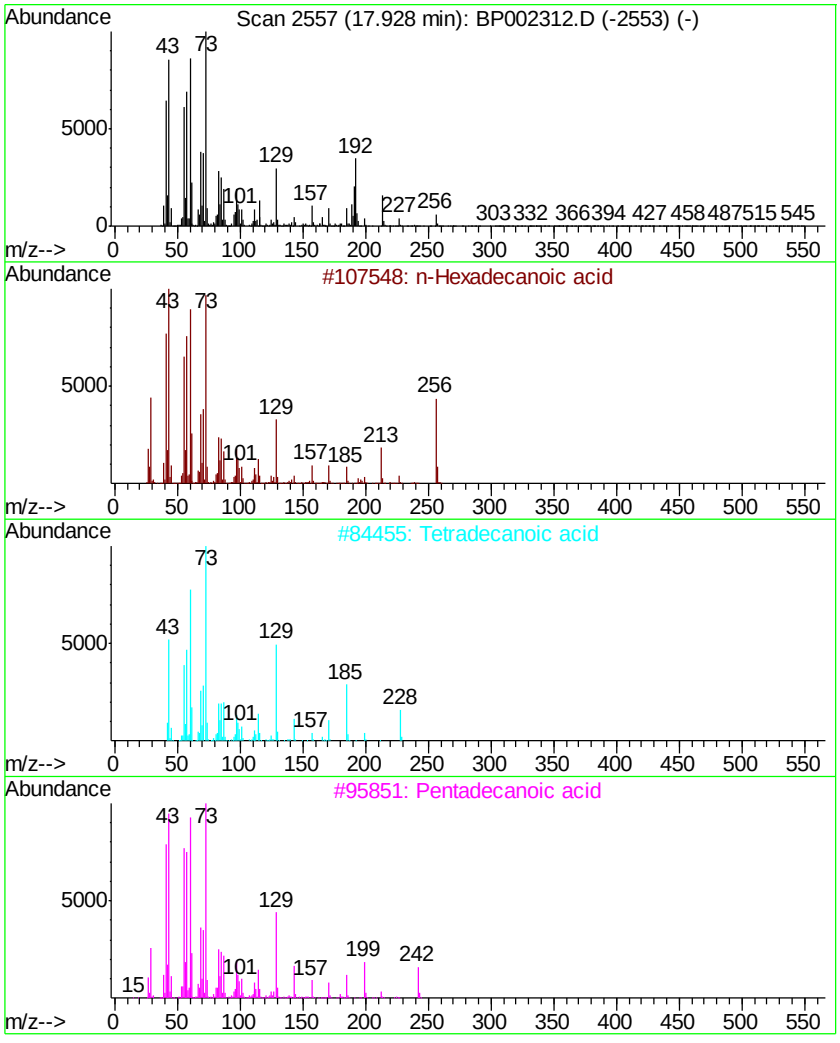
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

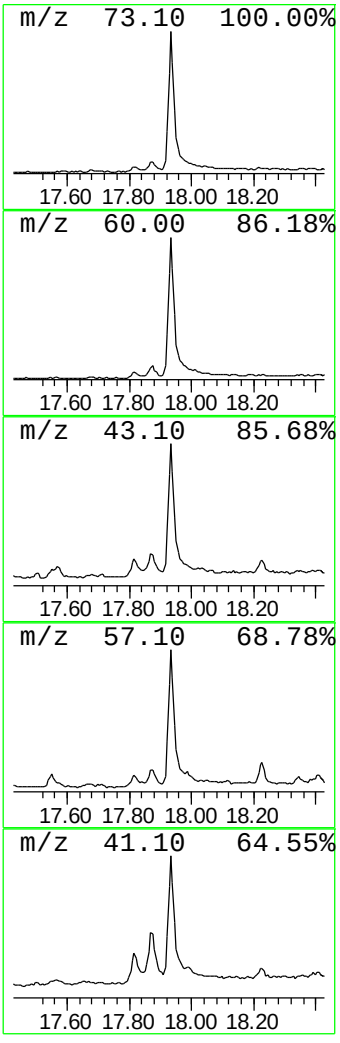
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.32 ng	1366990	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

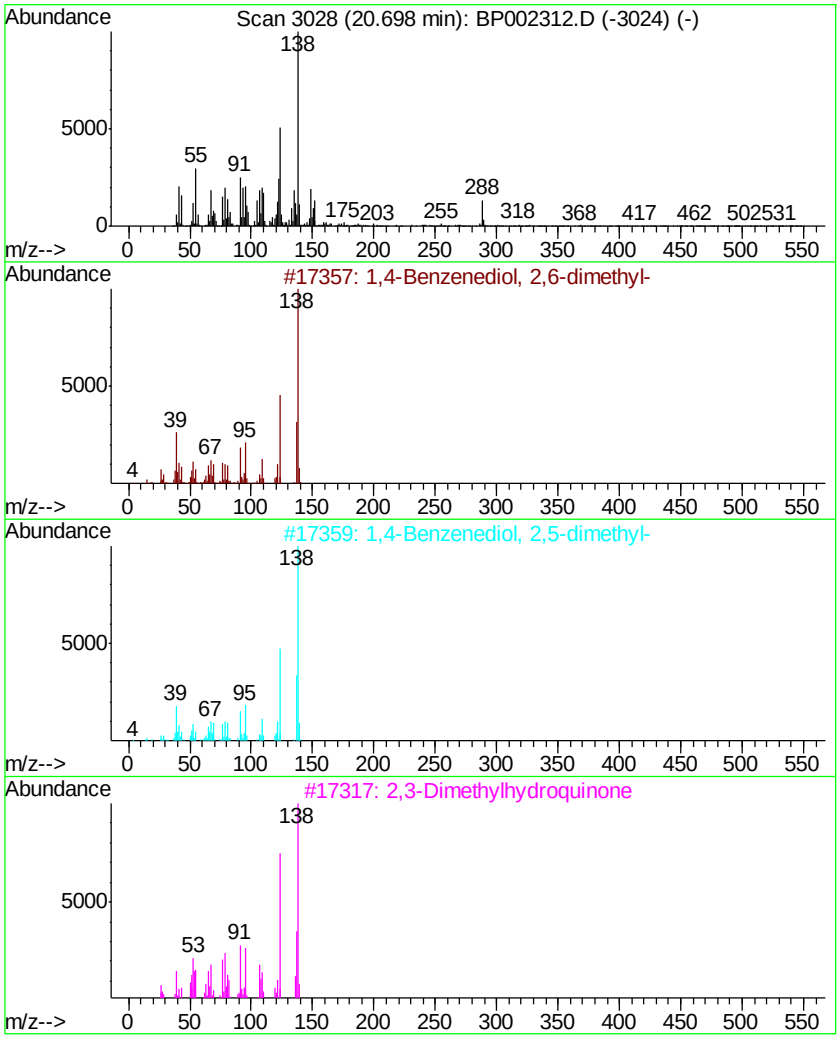
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

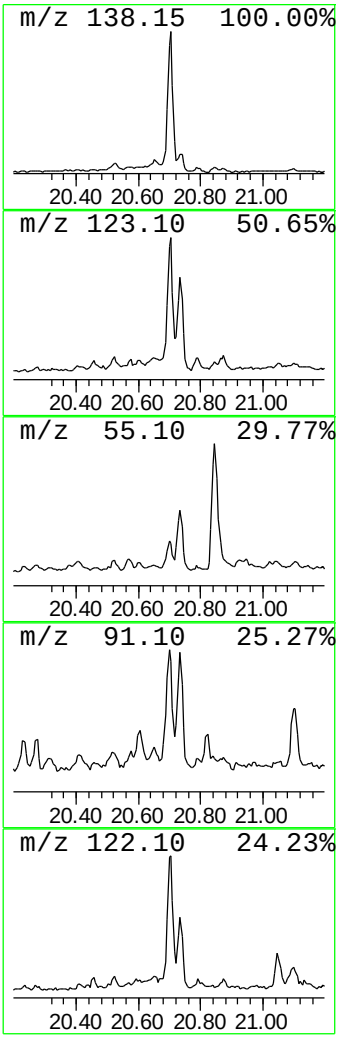
****

Peak Number 7 1,4-Benzenediol, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.77 ng	697767	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, 2,6-dimethyl-	138	C8H10O2	000654-42-2	83
2	1,4-Benzenediol, 2,5-dimethyl-	138	C8H10O2	000615-90-7	64
3	2,3-Dimethylhydroquinone	138	C8H10O2	000608-43-5	64
4	Creosol	138	C8H10O2	000093-51-6	60
5	Hydrazine, (4-methoxyphenyl)-	138	C7H10N2O	003471-32-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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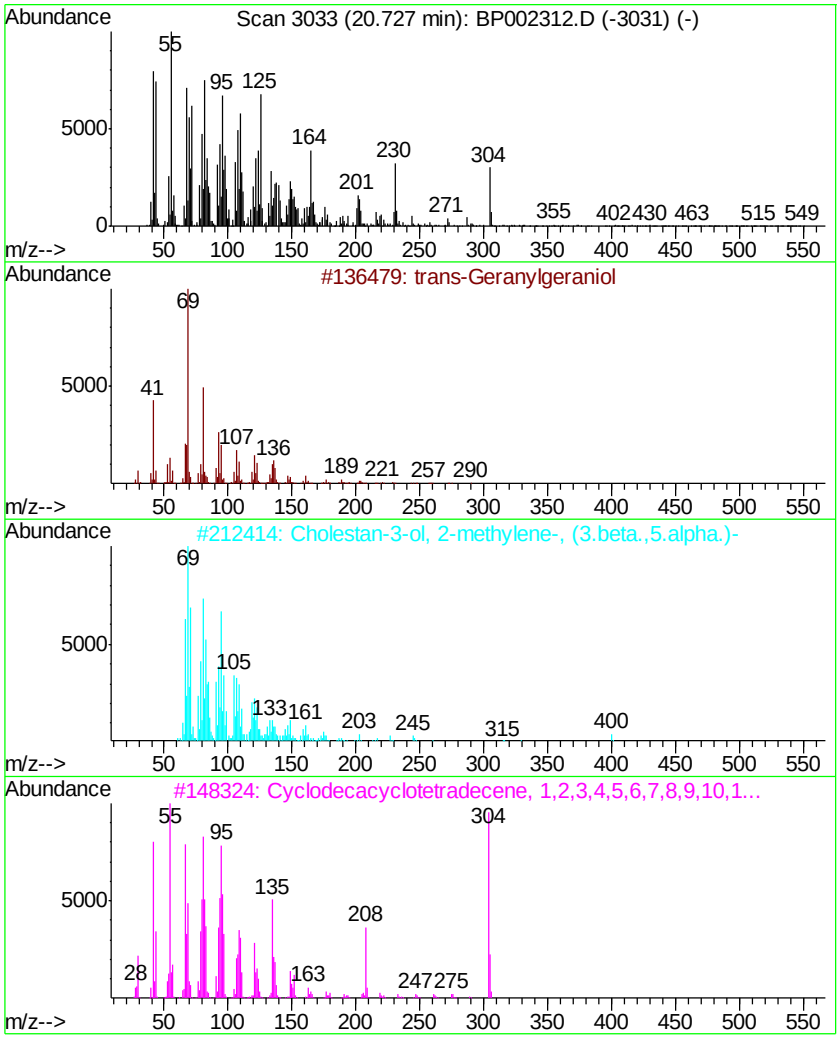
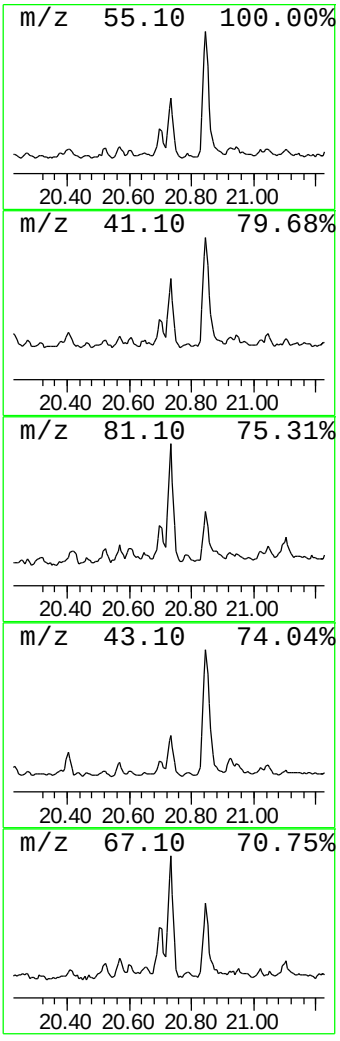
Peak Number 8 unknown20.73 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	5.02 ng	1266780	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Geranylgeraniol	290	C20H34O	024034-73-9	44
2	Cholestan-3-ol, 2-methylene-, (3...	400	C28H48O	022599-96-8	43
3	Cyclodecacyclotetradecene, 1,2,3...	304	C22H40	014113-62-3	41
4	3-Octadecyne	250	C18H34	061886-64-4	38
5	Desoxy-dihydro-isosteviol	304	C20H32O2	1000256-06-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

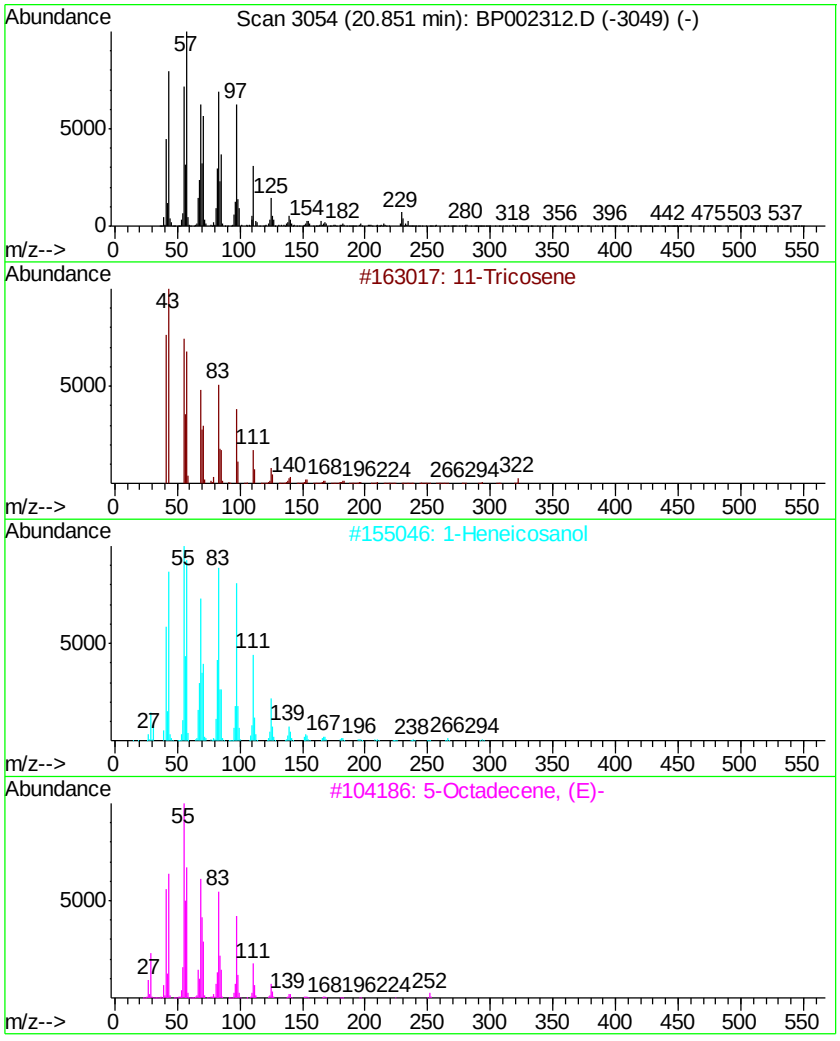
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

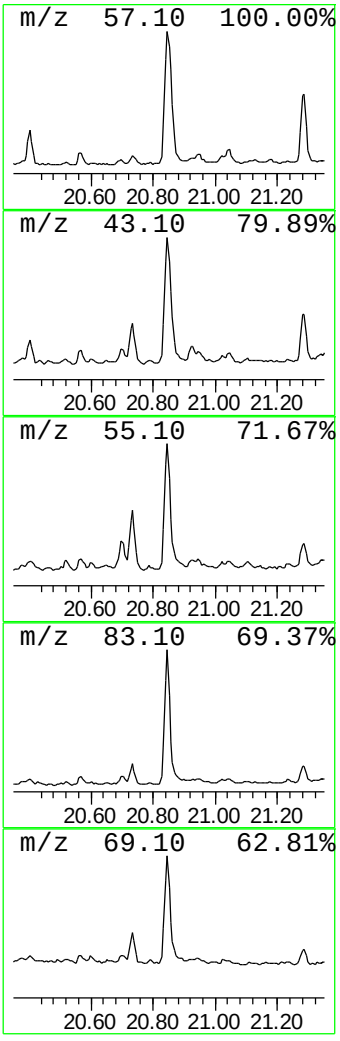
****

Peak Number 9 11-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	7.16 ng	1807540	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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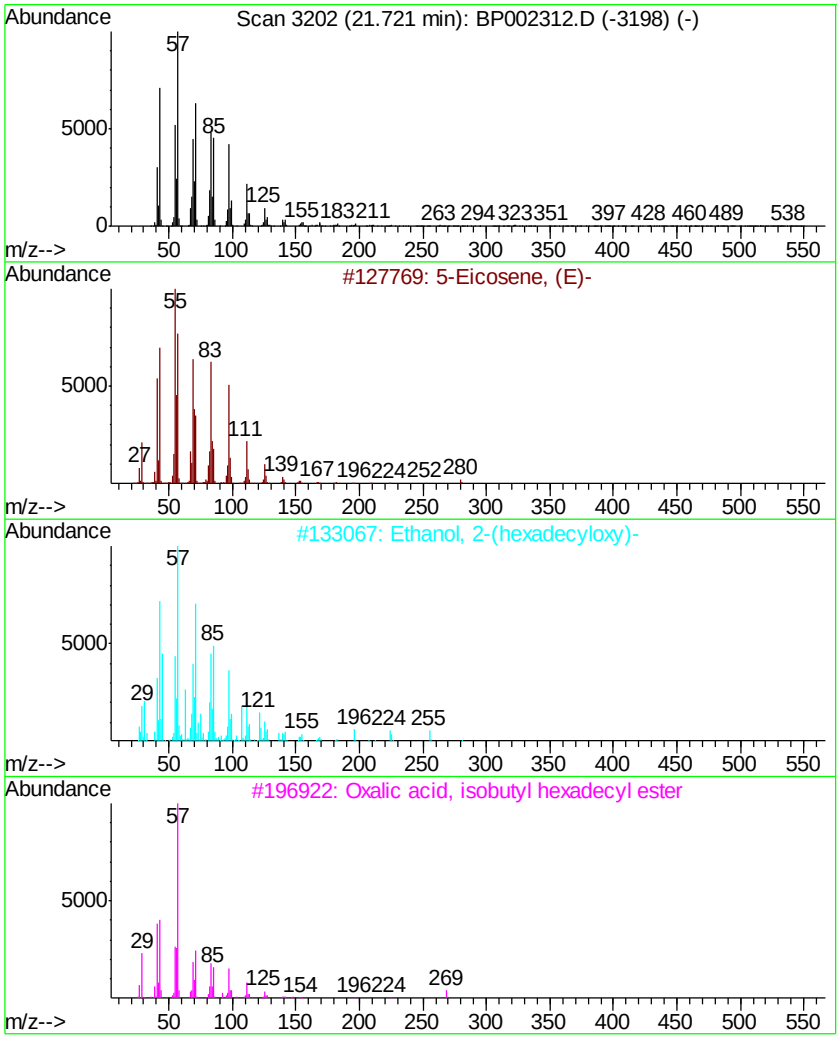
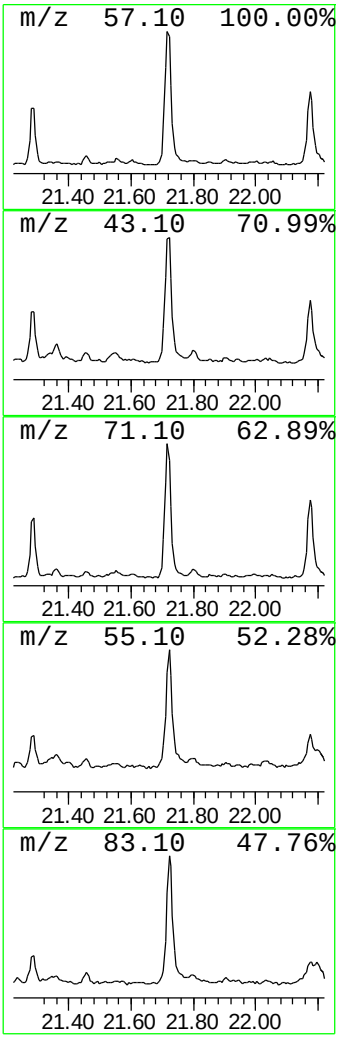
Peak Number 10 5-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	4.59 ng	1158320	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	89
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





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Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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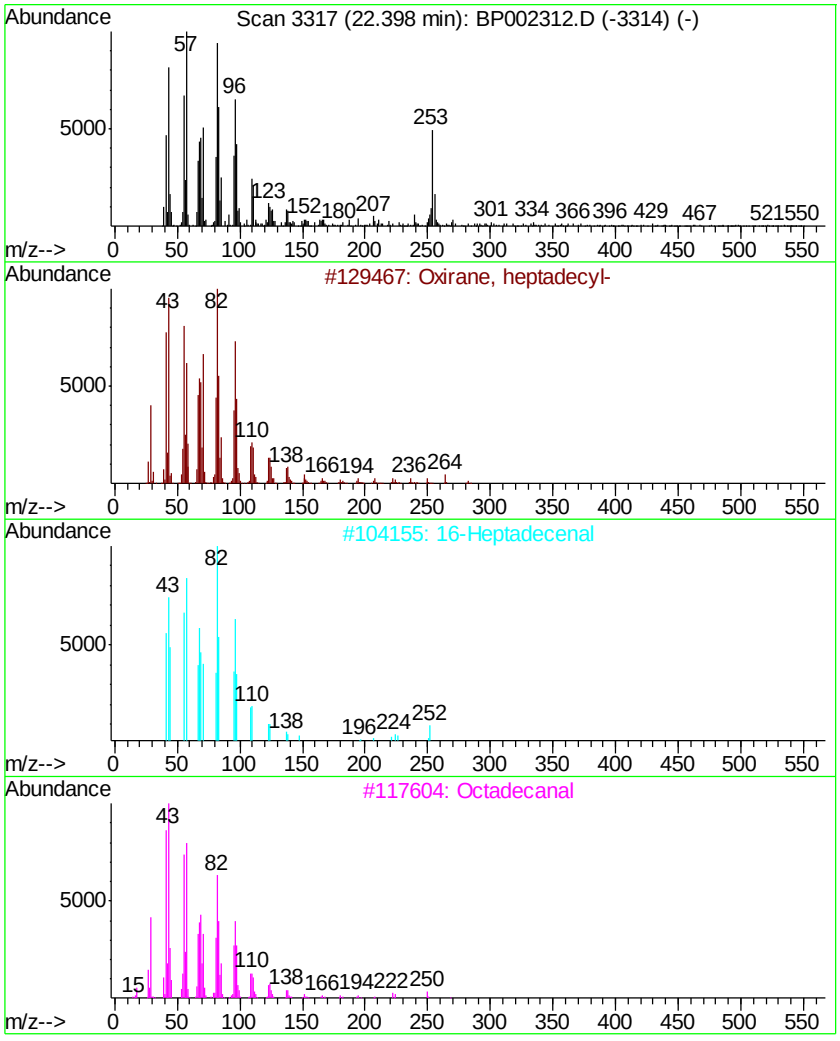
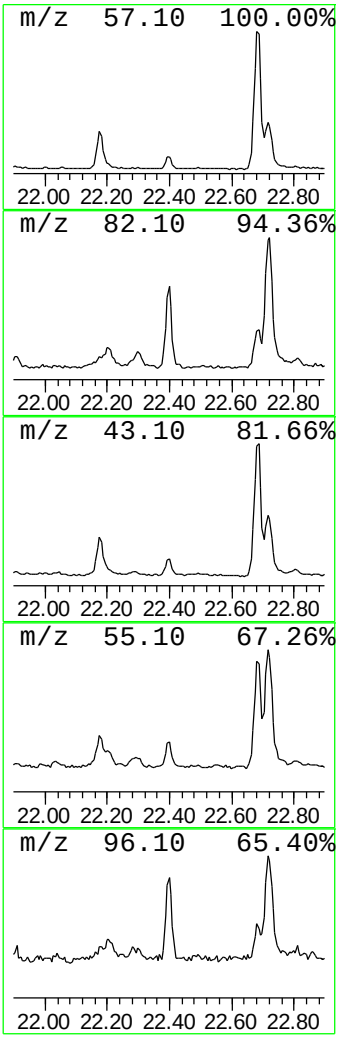
Peak Number 11 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.36 ng	415480	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	16-Heptadecenal	252	C17H32O	1000144-57-9	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Tetradecanal	212	C14H28O	000124-25-4	80
5	17-Octadecenal	266	C18H34O	056554-86-0	80





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Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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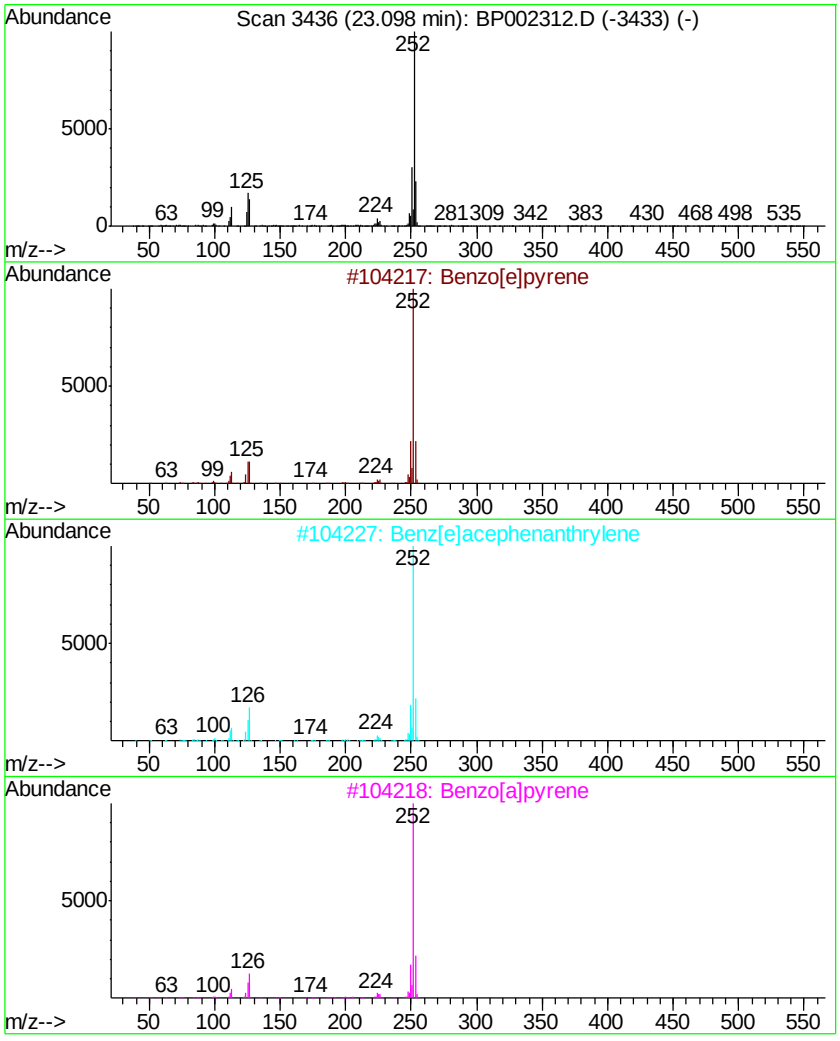
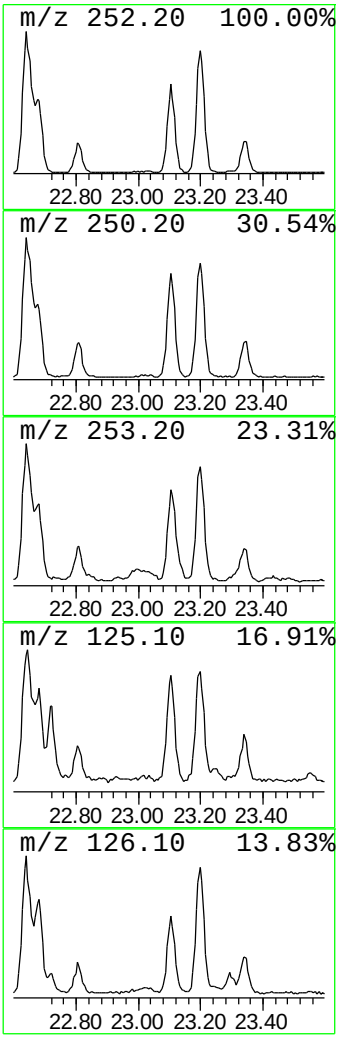
Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	3.96 ng	695956	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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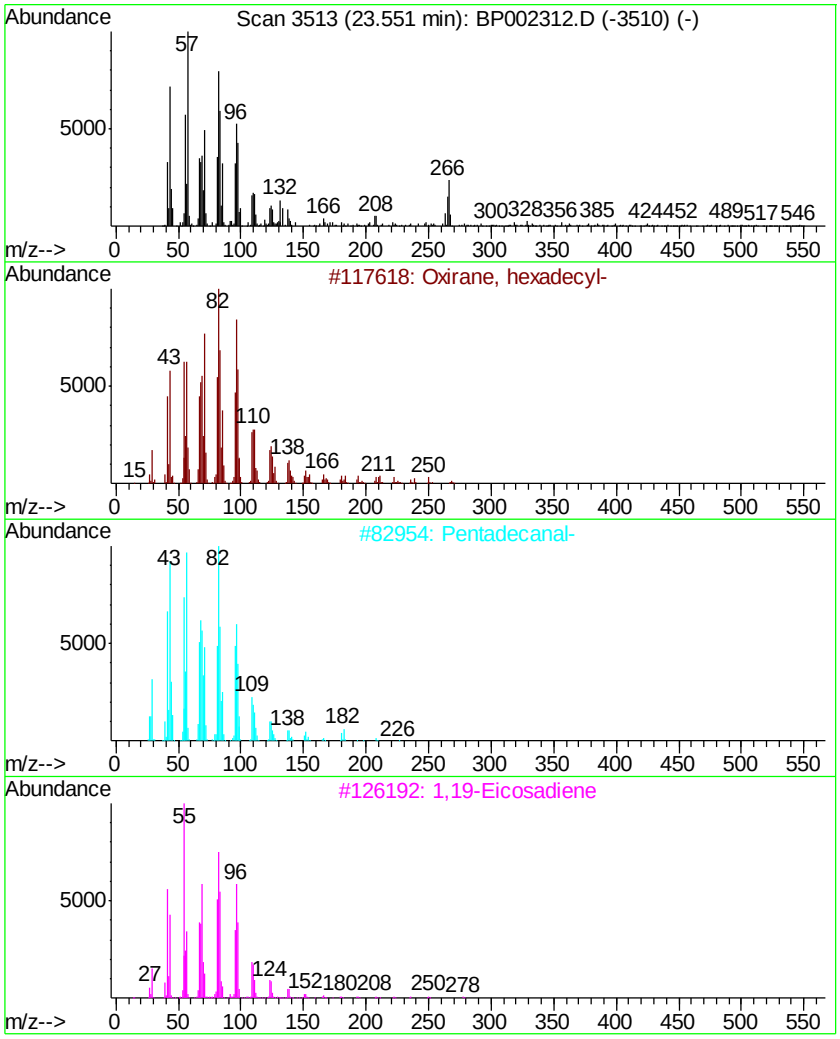
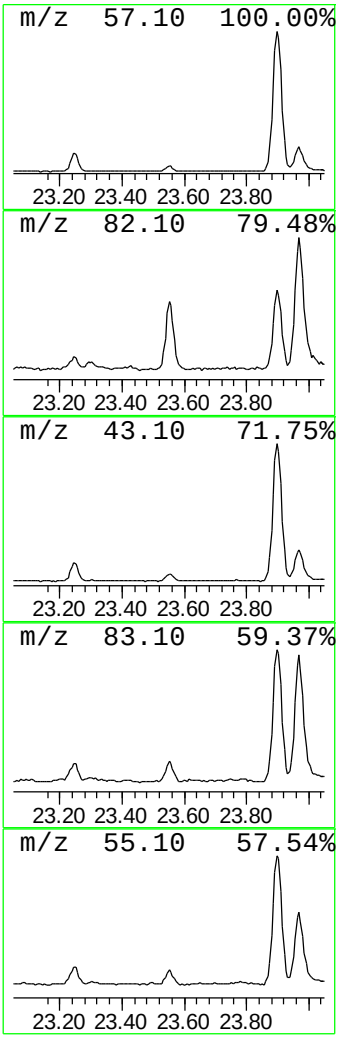
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	2.32 ng	407438	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Pentadecanal-	226	C15H30O	002765-11-9	72
3	1,19-Eicosadiene	278	C20H38	014811-95-1	70
4	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	64
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	62





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Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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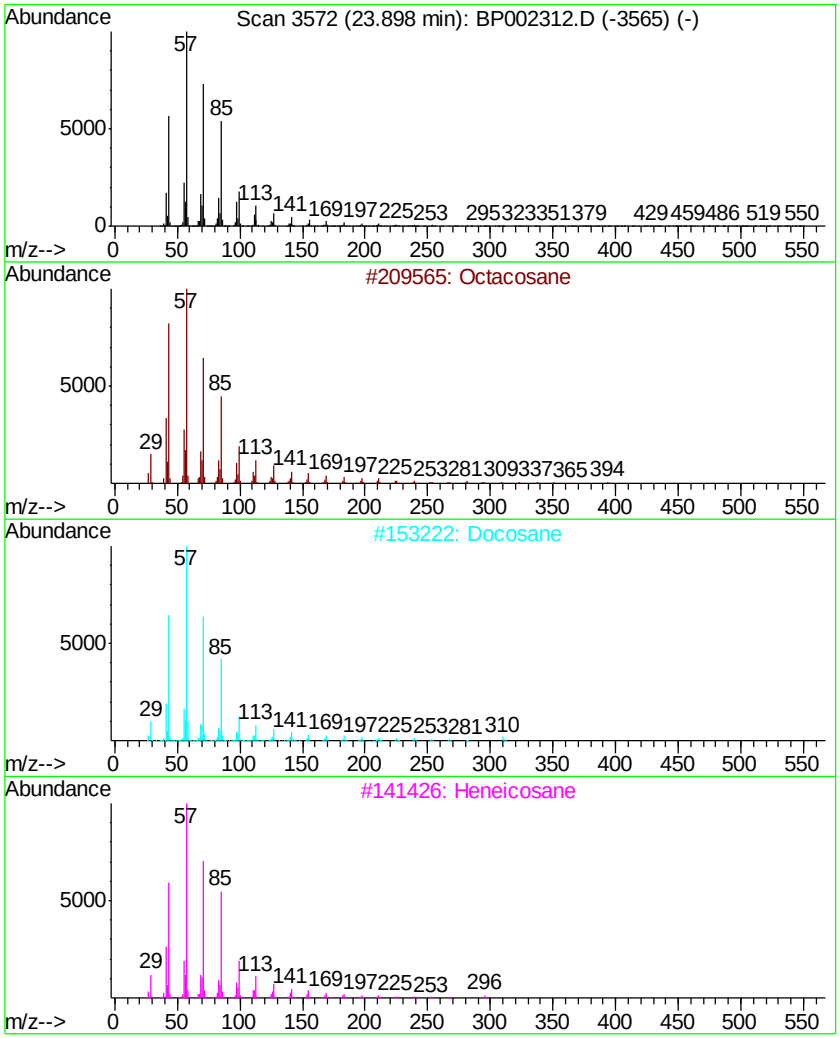
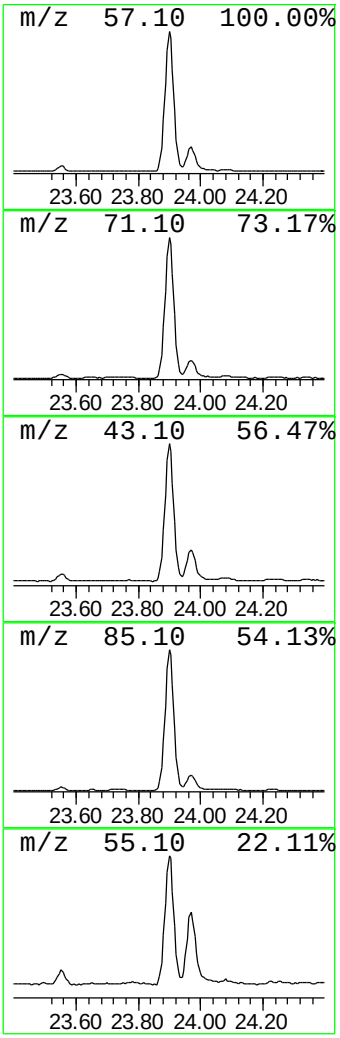
Peak Number 14 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	33.79 ng	5942940	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Docosane	310	C22H46	000629-97-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BP002312.D
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Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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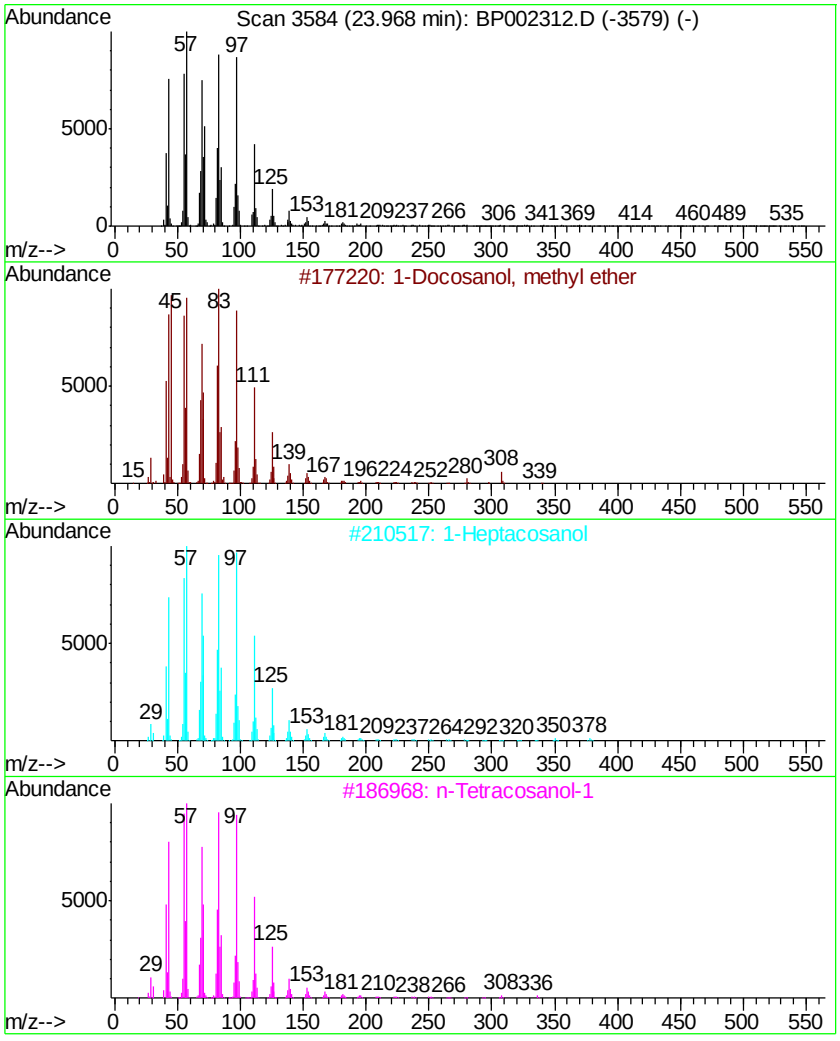
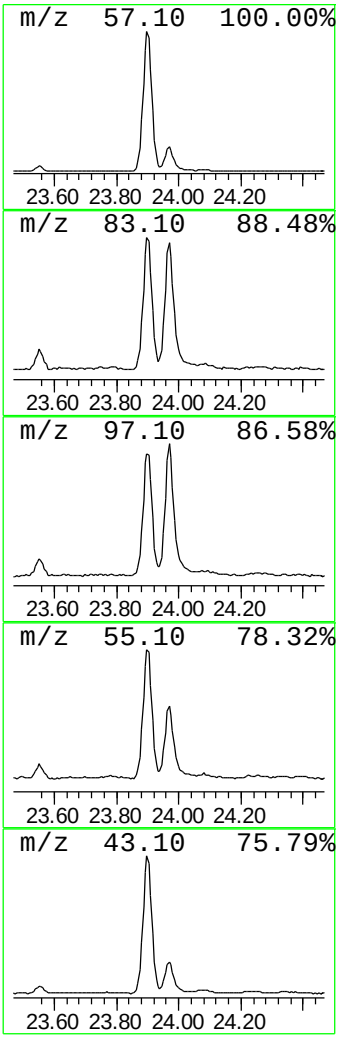
Peak Number 15 1-Docosanol, methyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	11.26 ng	1981130	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
5	Octacosyl acetate	452	C30H60O2	018206-97-8	94





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Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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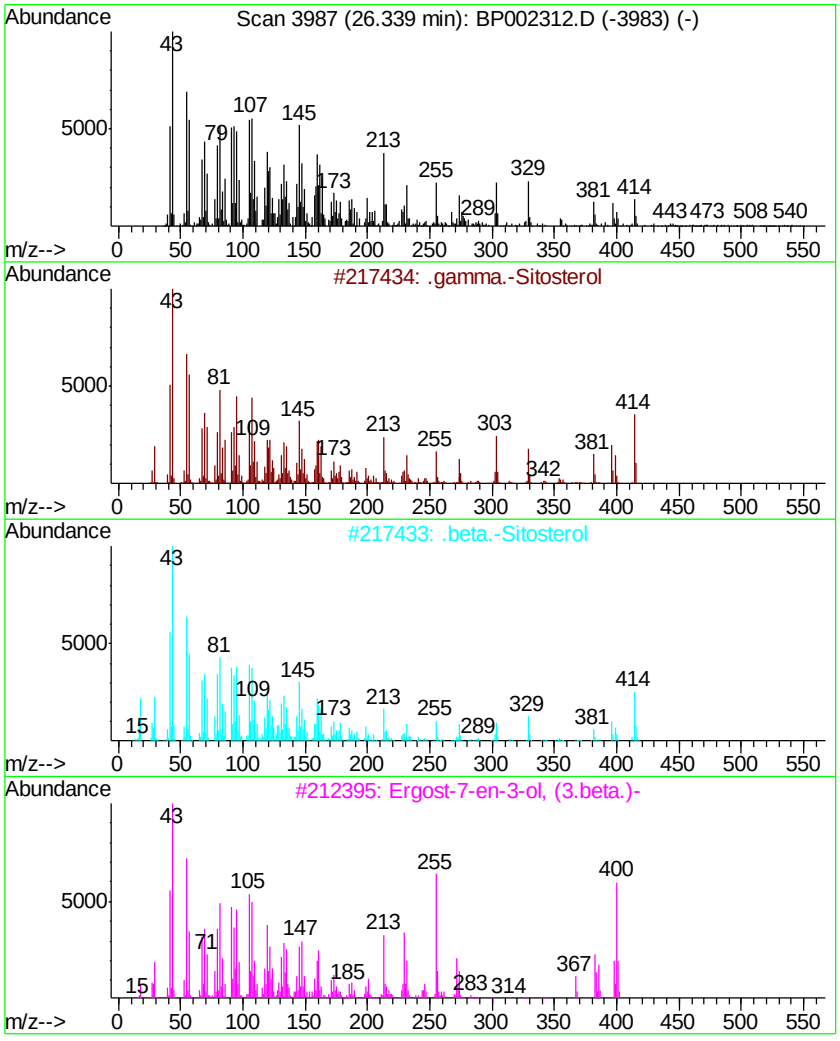
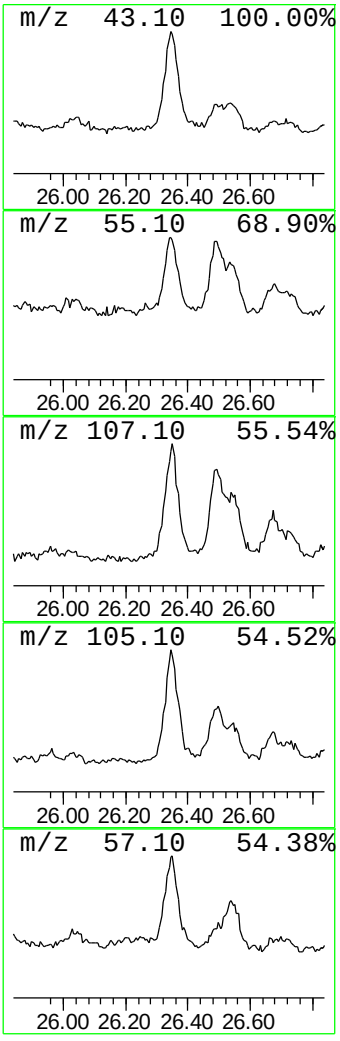
Peak Number 16 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	7.28 ng	1281240	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	49
4	Campesterol	400	C28H48O	000474-62-4	38
5	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM78-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanoic acid, 3-...	4.55	5.9	ng	504702	1	7.60	1710190	20.0
unknown12.08	12.08	43.1	ng	5205770	2	10.38	2416410	20.0
unknown16.55	16.55	25.1	ng	4681630	4	17.00	3737160	20.0
Anthracene, 2-met...	17.87	3.0	ng	553871	4	17.00	3737160	20.0
n-Hexadecanoic acid	17.93	7.3	ng	1366990	4	17.00	3737160	20.0
1,4-Benzenediol, ...	20.70	2.8	ng	697767	5	21.10	5046180	20.0
unknown20.73	20.73	5.0	ng	1266780	5	21.10	5046180	20.0
11-Tricosene	20.85	7.2	ng	1807540	5	21.10	5046180	20.0
5-Eicosene, (E)-	21.72	4.6	ng	1158320	5	21.10	5046180	20.0
Oxirane, heptadecyl-	22.40	2.4	ng	415480	6	23.30	3517690	20.0
Benzo[e]pyrene	23.10	4.0	ng	695956	6	23.30	3517690	20.0
Oxirane, hexadecyl-	23.55	2.3	ng	407438	6	23.30	3517690	20.0
Octacosane	23.90	33.8	ng	5942940	6	23.30	3517690	20.0
1-Docosanol, meth...	23.97	11.3	ng	1981130	6	23.30	3517690	20.0
.gamma.-Sitosterol	26.34	7.3	ng	1281240	6	23.30	3517690	20.0