LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
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_P\METHODS\8270-BP121919.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	7.946	992	996	1001	rBV	610670	769188	1.52%	0.196%
2	8.551	1091	1099	1112	rVB	932337	1156383	2.28%	0.295%
3	9.193	1201	1208	1214	rVV	672741	824794	1.63%	0.210%
4	10.198	1329	1379	1380	rBV2	418167	2817054	5.56%	0.718%
5	10.340	1400	1403	1407	rBV	372682	525661	1.04%	0.134%
6	12.810	1802	1823	1824	rBV	5357868	19756365	38.98%	5.036%
7	12.845	1824	1829	1837	rVB2	884953	1500582	2.96%	0.383%
8	13.192	1880	1888	1893	rBV	1992777	3512182	6.93%	0.895%
9	13.410	1923	1925	1932	rVV2	258862	544336	1.07%	0.139%
10	13.604	1954	1958	1961	rBV	368006	519259	1.02%	0.132%
11	13.645	1961	1965	1969	rVV2	382181	557828	1.10%	0.142%
12	14.004	1996	2026	2030	rBV2	7057950	28693345	56.62%	7.314%
13	14.257	2067	2069	2071	rVB	10967194	7687977	15.17%	1.960%
14	14.481	2104	2107	2117	rVB2	322729	530440	1.05%	0.135%
15	14.586	2120	2125	2130	rBV2	295516	578950	1.14%	0.148%
16	14.663	2135	2138	2144	rVB2	412095	535380	1.06%	0.136%
17	14.722	2144	2148	2152	rBV	510625	759582	1.50%	0.194%
18	14.775	2152	2157	2167	rVB	2880593	4026092	7.94%	1.026%
19	15.075	2203	2208	2212	rBV2	576993	851924	1.68%	0.217%
20	15.116	2212	2215	2219	rBV	573797	782611	1.54%	0.199%
21	15.345	2238	2254	2256	rBV2	2295014	7767971	15.33%	1.980%
22	15.428	2257	2268	2269	rVV2	5679593	17819361	35.16%	4.542%
23	15.475	2270	2276	2283	rVB2	10850451	22642007	44.68%	5.772%
24	16.510	2446	2452	2453	rBV	690387	918787	1.81%	0.234%
25	16.628	2453	2472	2474	rVB	7017420	23995315	47.35%	6.117%
26	17.157	2554	2562	2568	rBV	861111	1842512	3.64%	0.470%
27	17.216	2568	2572	2580	rVV	756879	1266492	2.50%	0.323%
28	17.339	2589	2593	2595	rVV	537749	843390	1.66%	0.215%
29	17.369	2595	2598	2603	rVB	638577	1019290	2.01%	0.260%
30	17.510	2612	2622	2625	rBV2	2765445	6307300	12.45%	1.608%
31	17.586	2625	2635	2640	rVV	6770589	19255825	38.00%	4.908%
32	17.674	2643	2650	2655	rVV2	3772918	7627494	15.05%	1.944%
33	17.739	2655	2661	2665	rVV	715245	1485044	2.93%	0.379%
34	17.786	2665	2669	2673	rVV3	371188	861403	1.70%	0.220%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
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_P\METHODS\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.833	2673	2677	2679	rVV2	3398725	4482053	8.84%	1.143%
36	17.898	2679	2688	2699	rVB	17510159	40682223	80.28%	10.370%
37	18.022	2699	2709	2712	rBV	3090457	4363102	8.61%	1.112%
38	18.116	2719	2725	2728	rVV	1009787	1707065	3.37%	0.435%
39	18.151	2728	2731	2735	rVV	824254	987817	1.95%	0.252%
40	18.216	2737	2742	2747	rVB2	761537	1144717	2.26%	0.292%
41	18.410	2756	2775	2778	rBV	18557464	50677712	100.00%	12.918%
42	18.504	2782	2791	2794	rBV	2899251	3492376	6.89%	0.890%
43	18.569	2797	2802	2806	rVB2	1004654	1680921	3.32%	0.428%
44	18.610	2806	2809	2814	rVB	998313	1016983	2.01%	0.259%
45	18.674	2814	2820	2824	rBV	770598	920409	1.82%	0.235%
46	18.874	2839	2854	2857	rBV	18471075	43980367	86.78%	11.211%
47	18.963	2864	2869	2872	rBV	3053545	3227575	6.37%	0.823%
48	19.163	2897	2903	2911	rVB2	846892	1486638	2.93%	0.379%
49	19.316	2915	2929	2932	rVV	18548049	40578508	80.07%	10.344%
50	19.686	2988	2992	2995	rBV	502756	544128	1.07%	0.139%
51	19.939	3030	3035	3041	rBV	575577	741578	1.46%	0.189%

Sum of corrected areas: 392296296

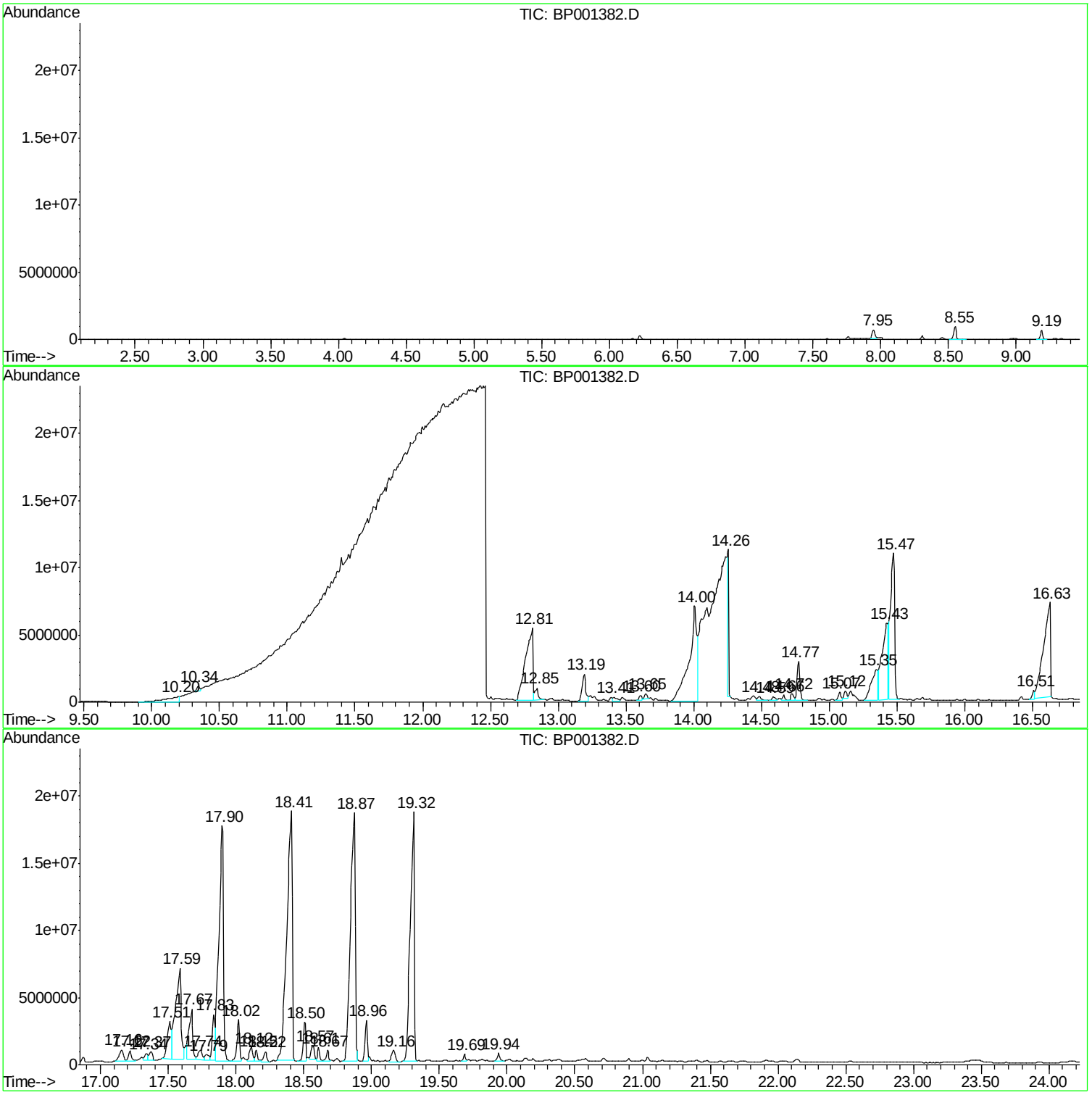
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

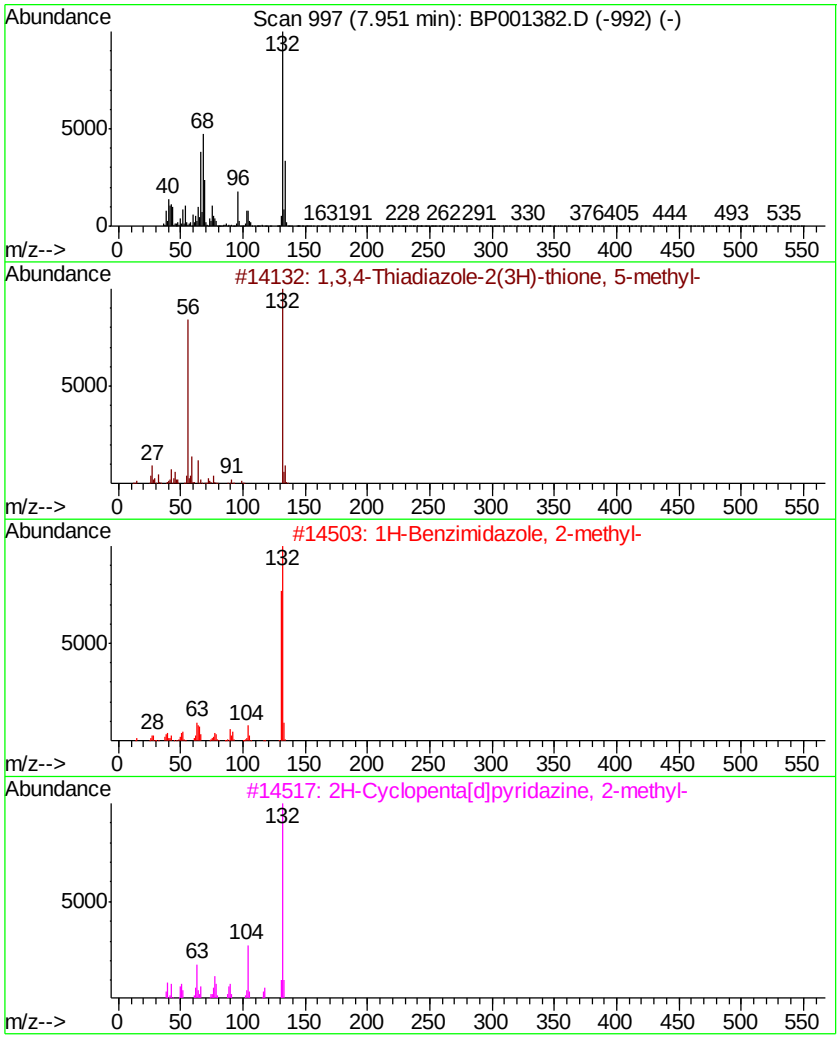
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

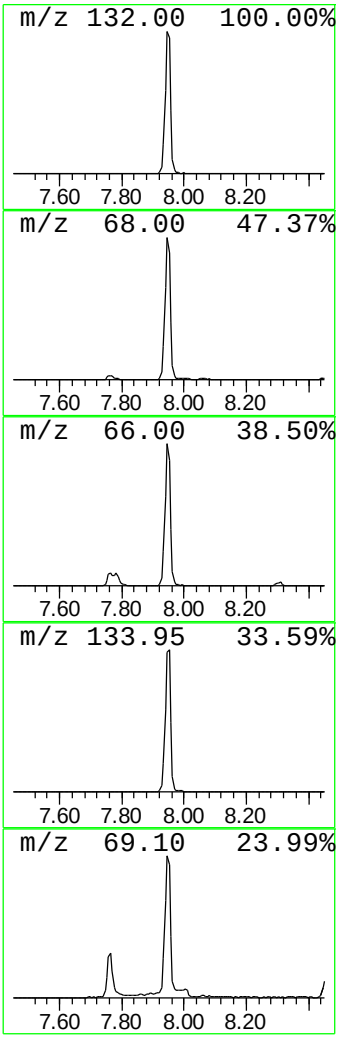
****

Peak Number 1 unknown7.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	13.30 ng	769188	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

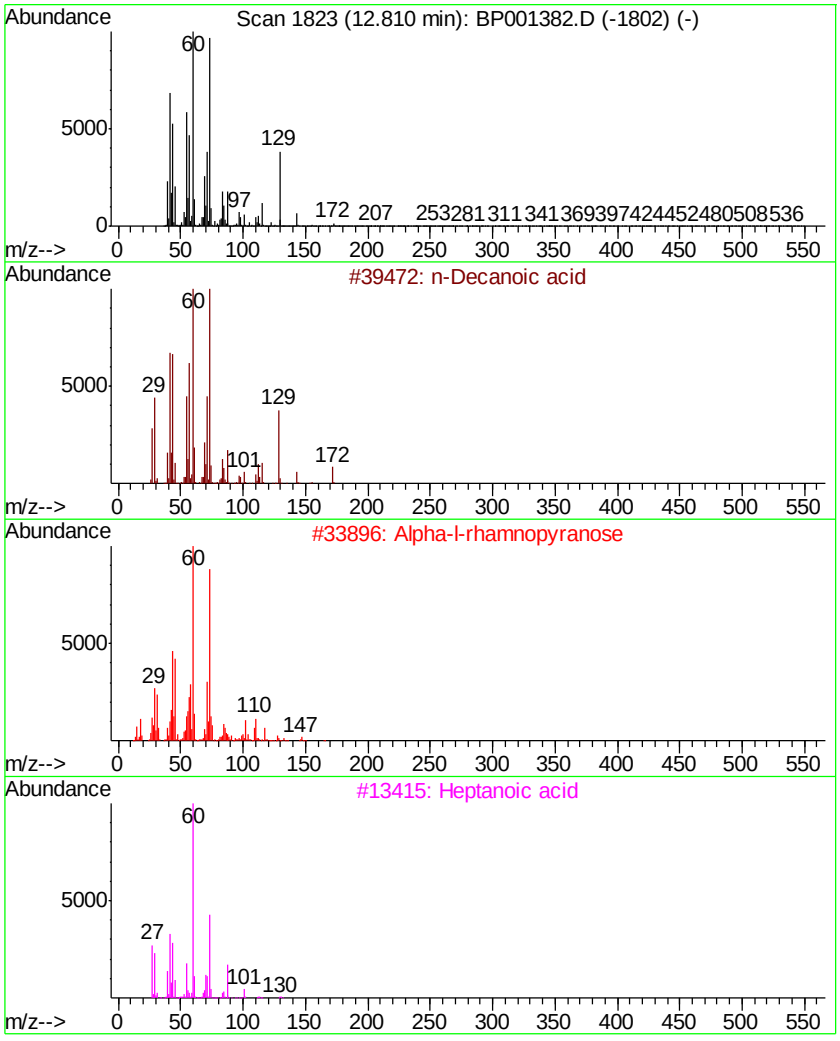
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

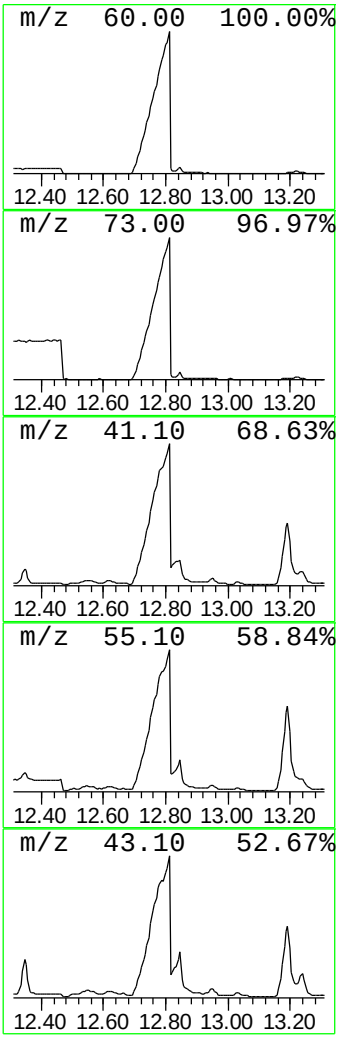
****

Peak Number 2 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	112.50 ng	19756400	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

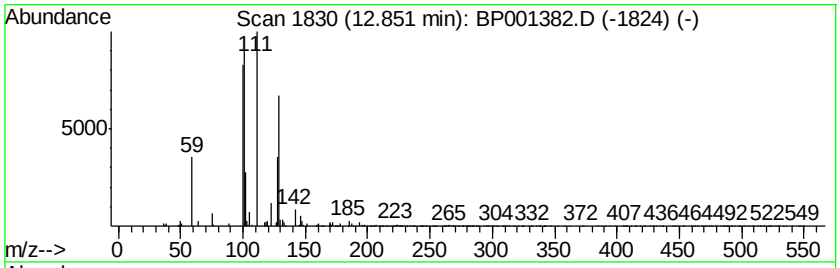
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

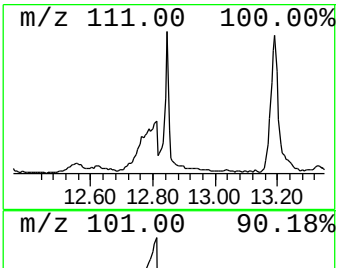
****

Peak Number 3 unknown12.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	8.55 ng	1500580	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Isocitric acid lactone	174	C6H6O6	004702-32-3	35
2	3-Acetyl-2-oxo-1,3-oxazolidine	129	C5H7NO3	001432-43-5	25
3	3-Pentane isothiocyanate	129	C6H11NS	201224-89-7	22
4	Succinic acid, 3,3-dimethylbut-2...	230	C12H22O4	1000349-50-5	16
5	4-Thiazolemethanol, 2-[(dimethyl...	172	C7H12N2OS	1000351-67-2	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

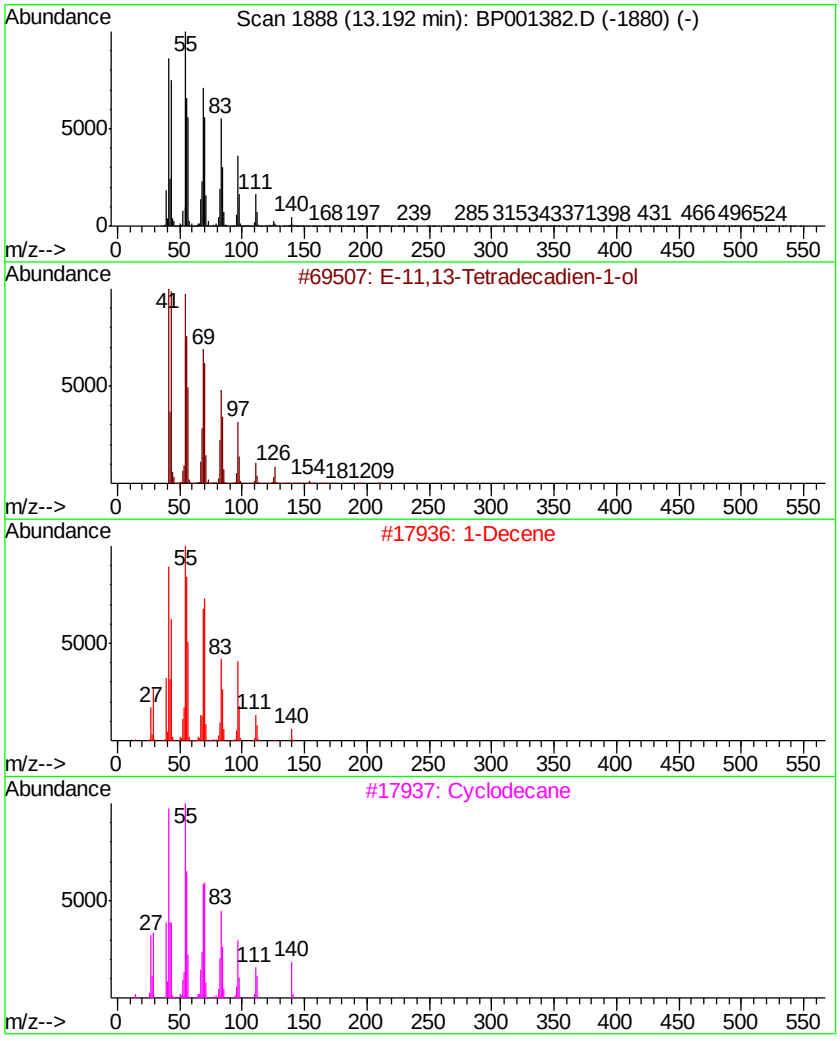
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

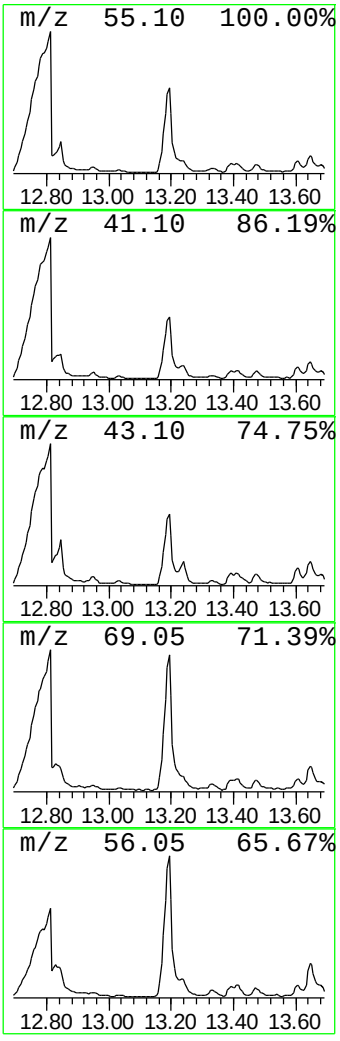
****

Peak Number 4 E-11,13-Tetradecadien-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	20.00 ng	3512180	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	94
2	1-Decene	140	C10H20	000872-05-9	94
3	Cyclodecane	140	C10H20	000293-96-9	91
4	1-Dodecanol	186	C12H26O	000112-53-8	91
5	1-Undecanol	172	C11H24O	000112-42-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

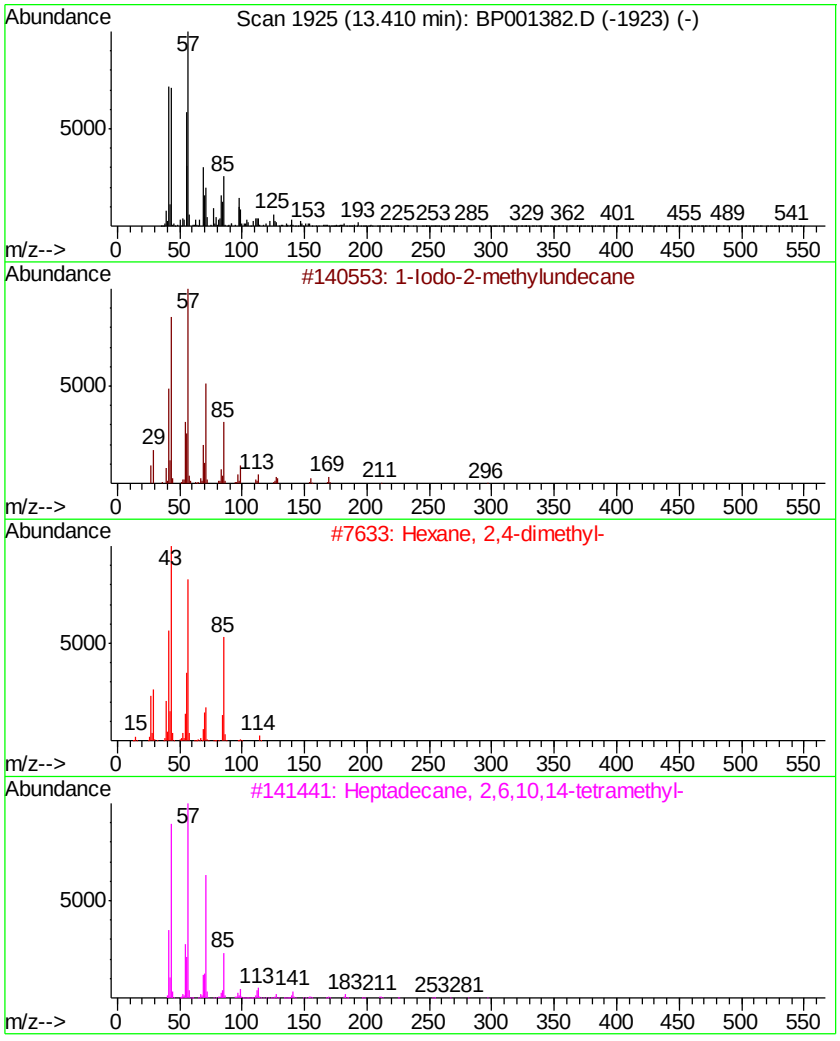
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

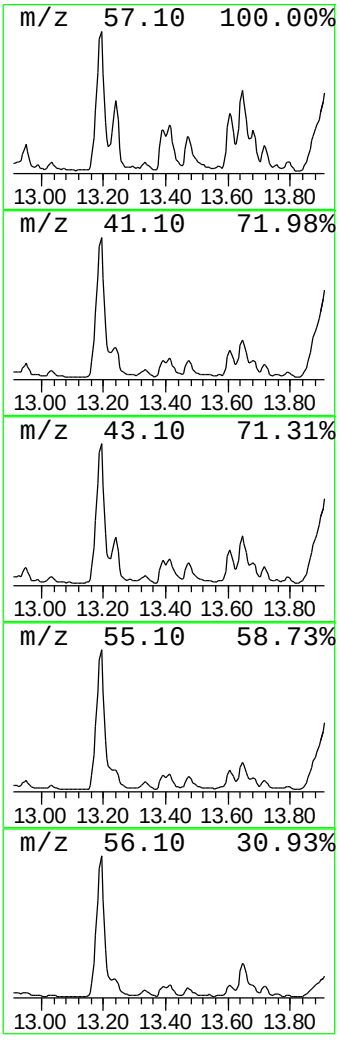
****

Peak Number 5 1-Iodo-2-methylundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.10 ng	544336	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	60
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	46
4	2-Dodecene, (E)-	168	C12H24	007206-13-5	45
5	Vinyl lauryl ether	212	C14H28O	000765-14-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

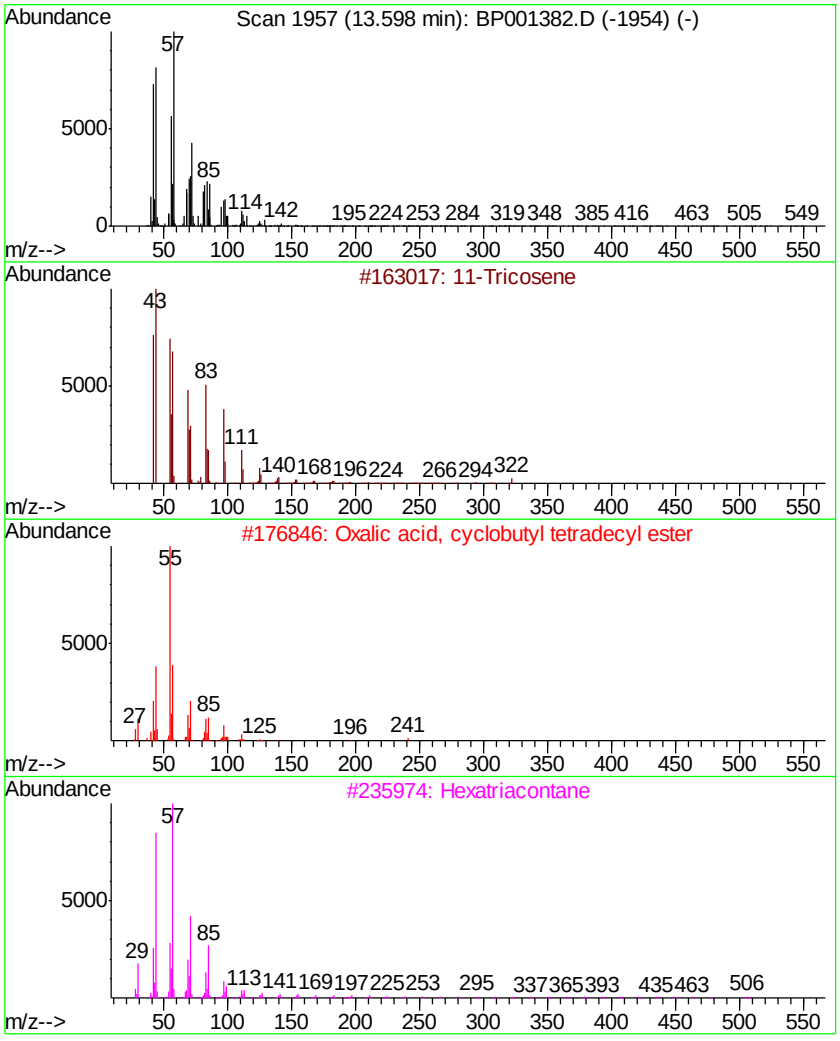
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

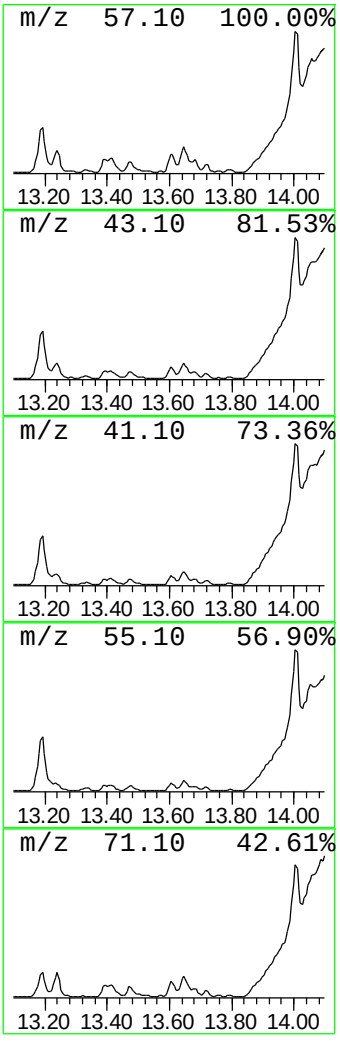
****

Peak Number 6 11-Tricosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.96 ng	519259	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	70
2	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	58
3	Hexatriacontane	507	C36H74	000630-06-8	55
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	49
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

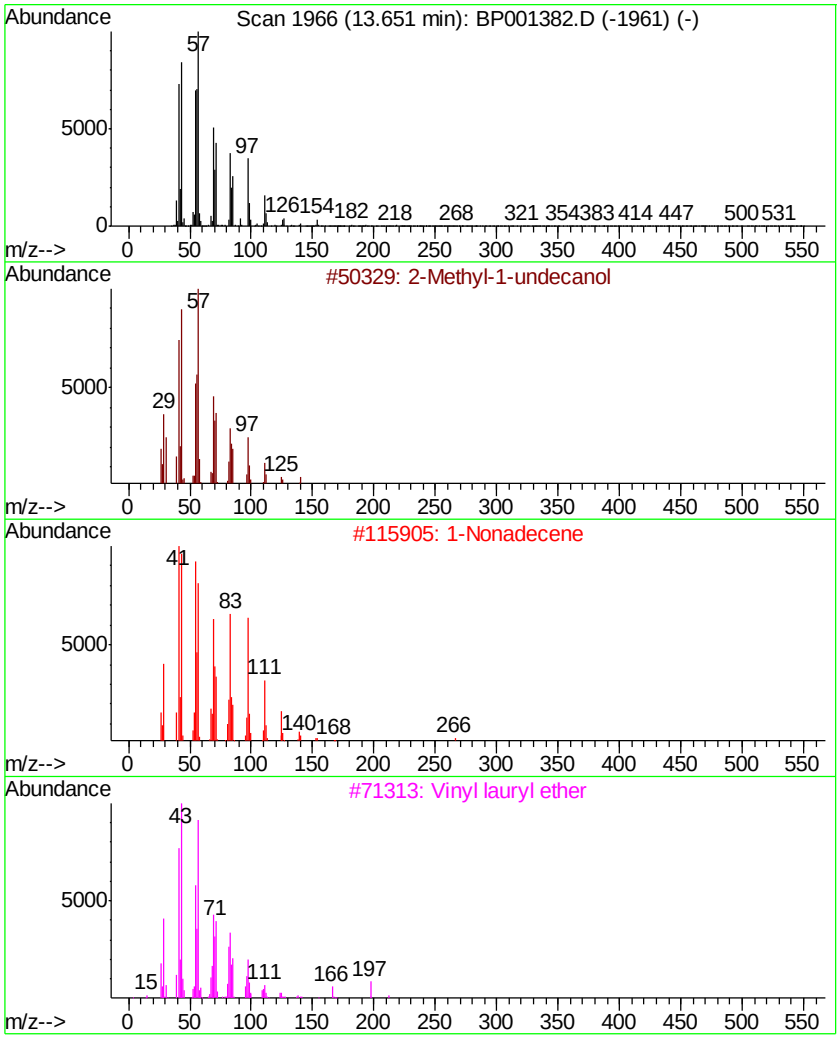
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

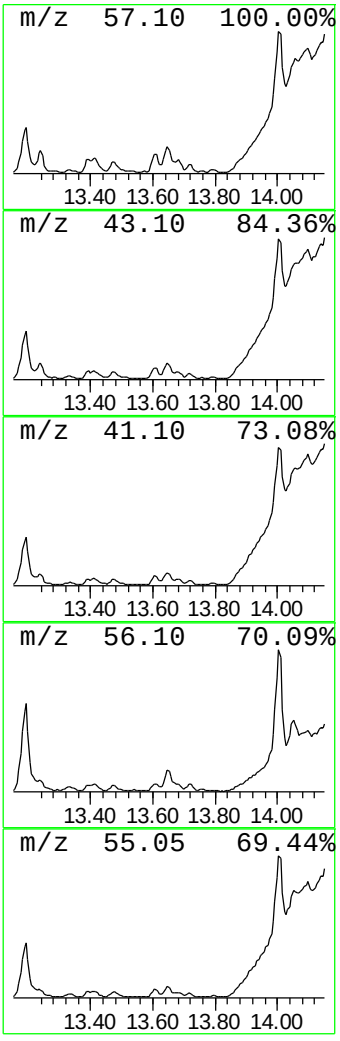
****

Peak Number 7 2-Methyl-1-undecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.18 ng	557828	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	90
2	1-Nonadecene	266	C19H38	018435-45-5	78
3	Vinyl lauryl ether	212	C14H28O	000765-14-0	74
4	1-Docosene	308	C22H44	001599-67-3	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

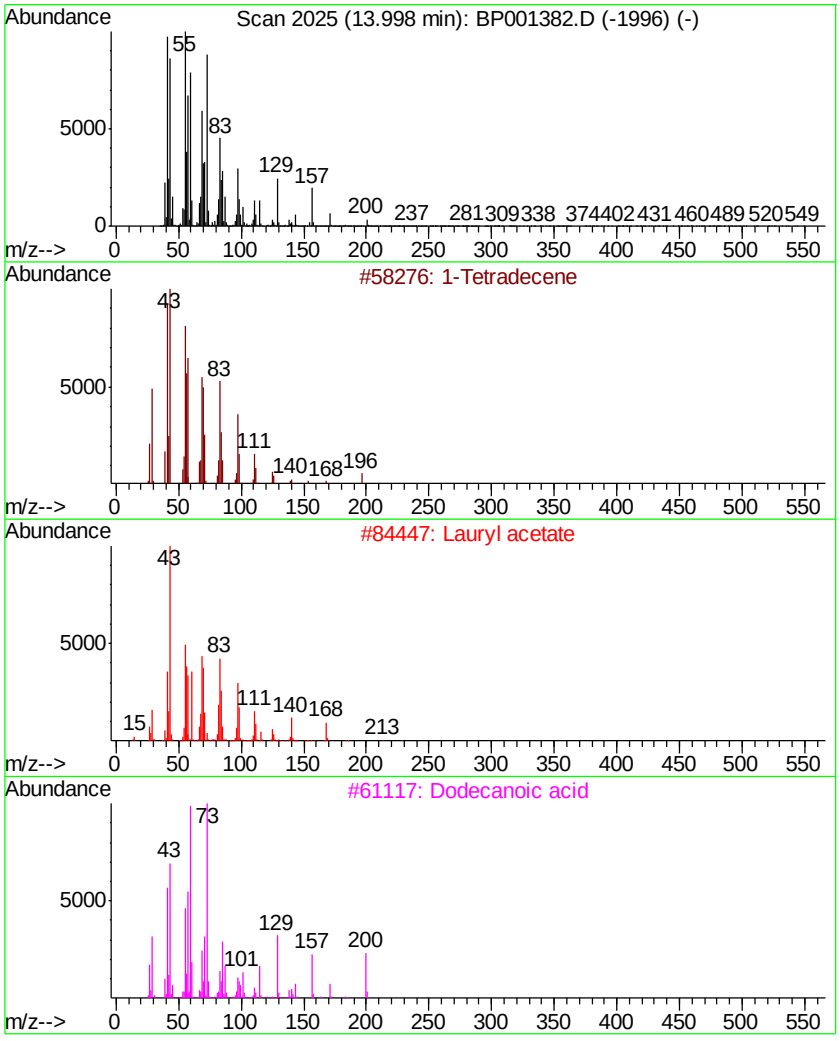
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

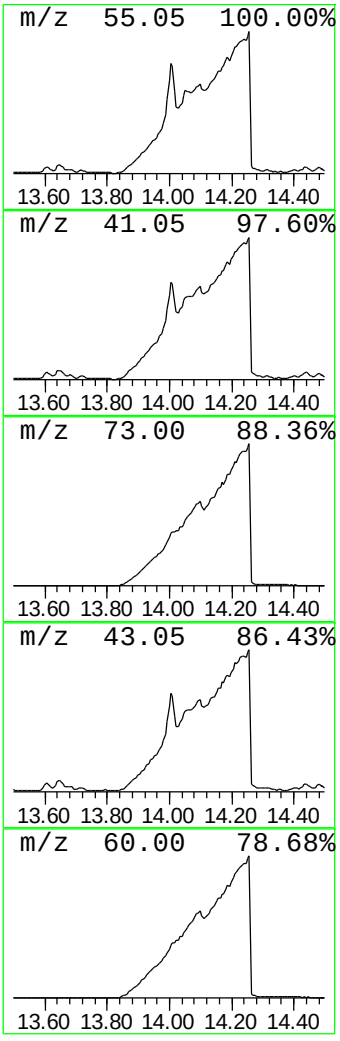
****

Peak Number 8 1-Tetradecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	163.39 ng	28693300	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	90
2	Lauryl acetate	228	C14H28O2	000112-66-3	70
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	55
5	Cyclododecane	168	C12H24	000294-62-2	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

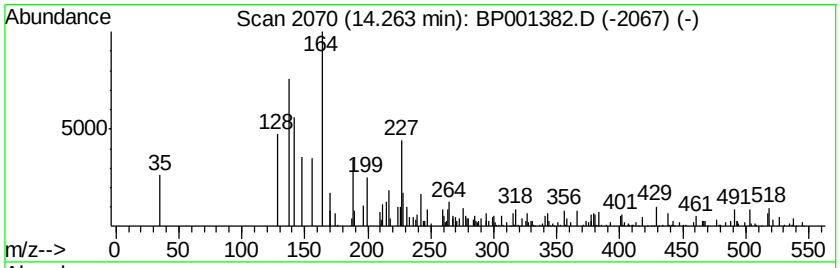
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

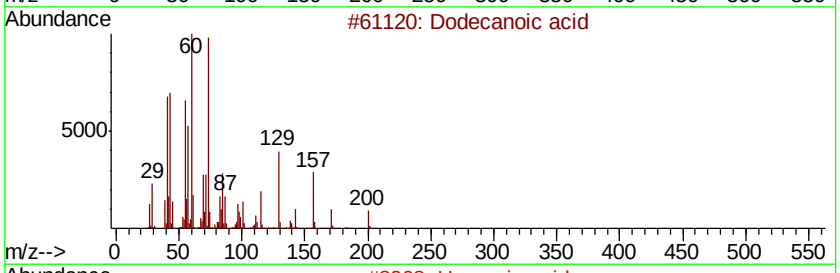
****

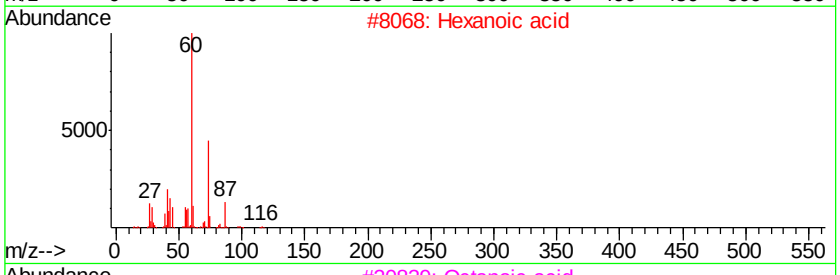
Peak Number 9 Dodecanoic acid Concentration Rank 3

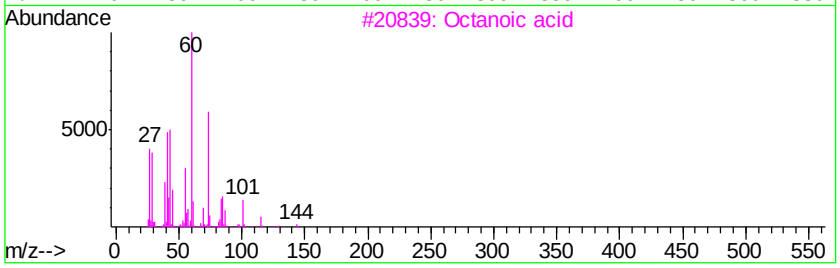
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	43.78 ng	7687980	Acenaphthene-d10	13.26

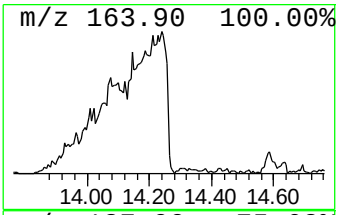
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	43
3	Octanoic acid	144	C8H16O2	000124-07-2	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	40
5	.alpha.-d-Riboside, 1-O-dodecyl-	318	C17H34O5	1000154-76-8	38

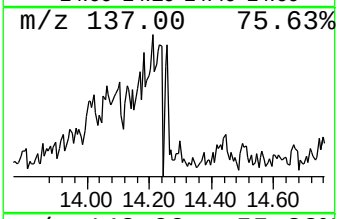


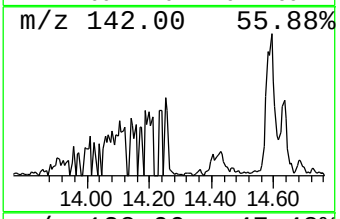


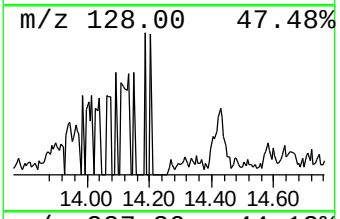


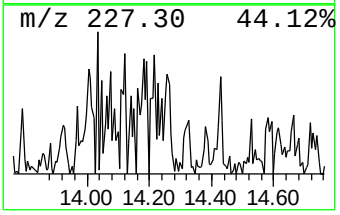












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

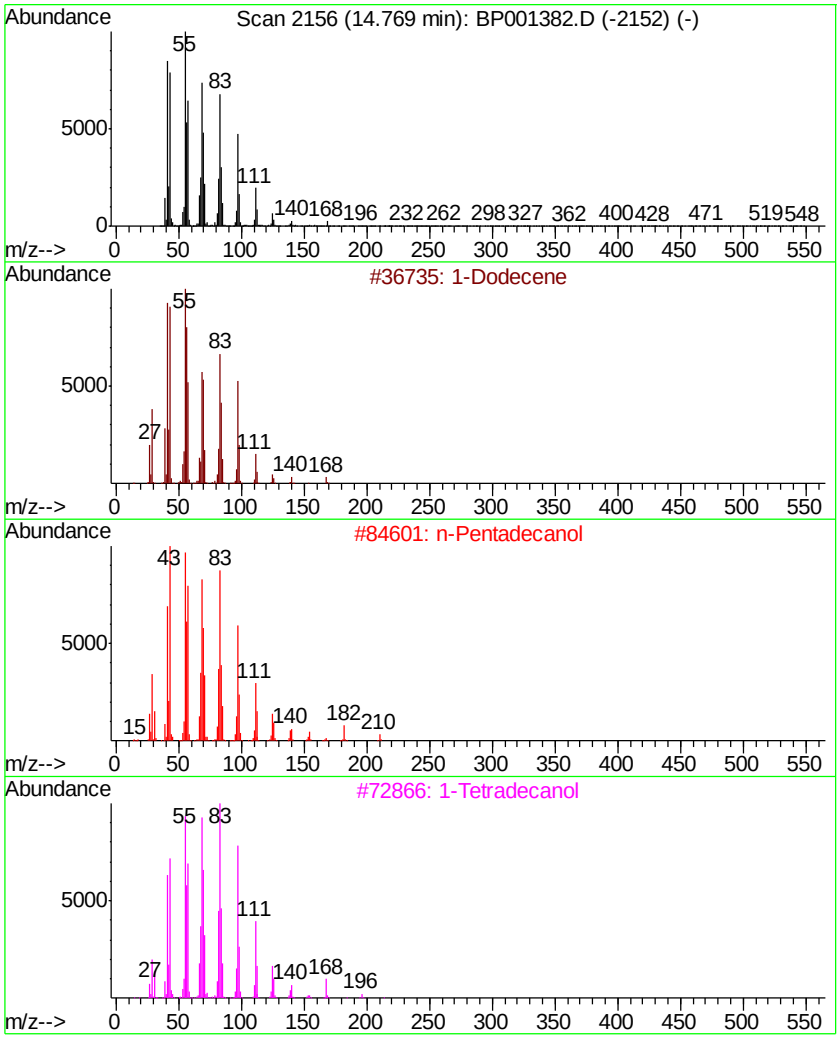
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

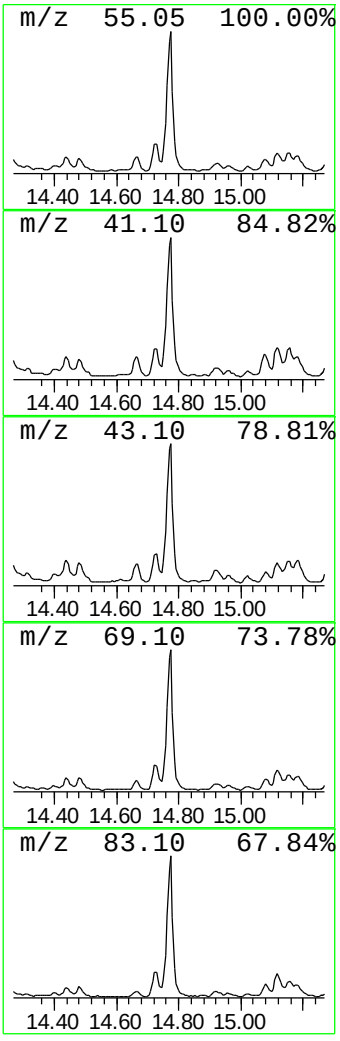
****

Peak Number 10 1-Dodecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.56 ng	4026090	Phenanthrene-d10	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	94
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

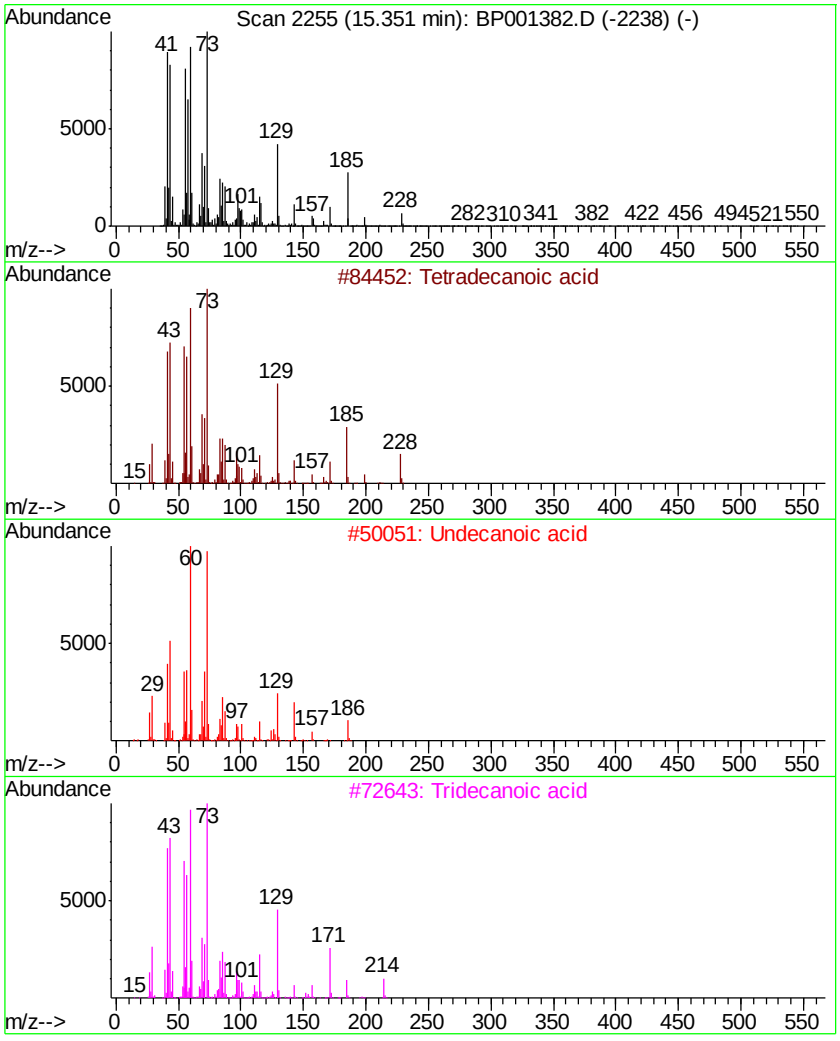
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

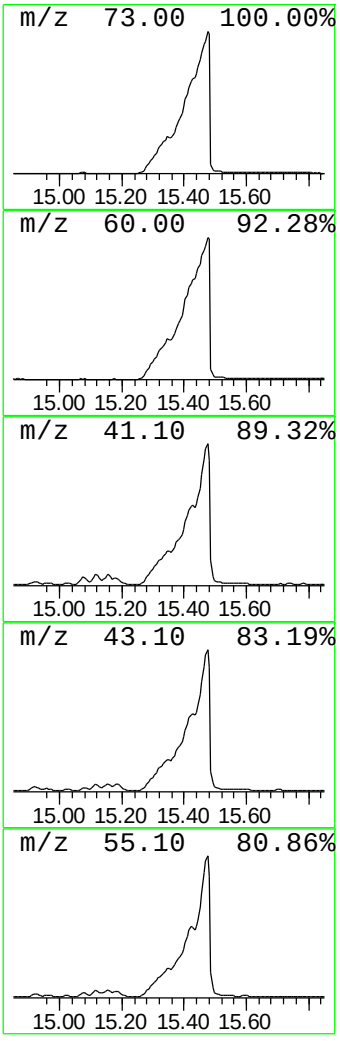
****

Peak Number 11 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.86 ng	7767970	Phenanthrene-d10	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

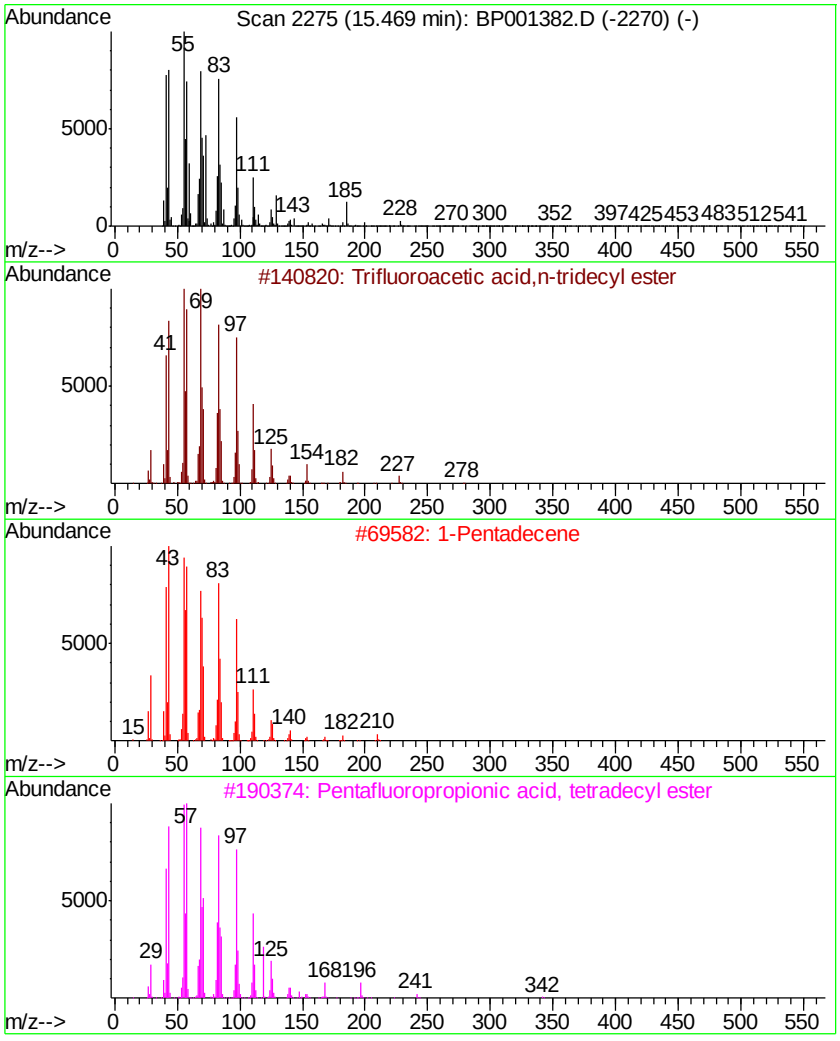
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

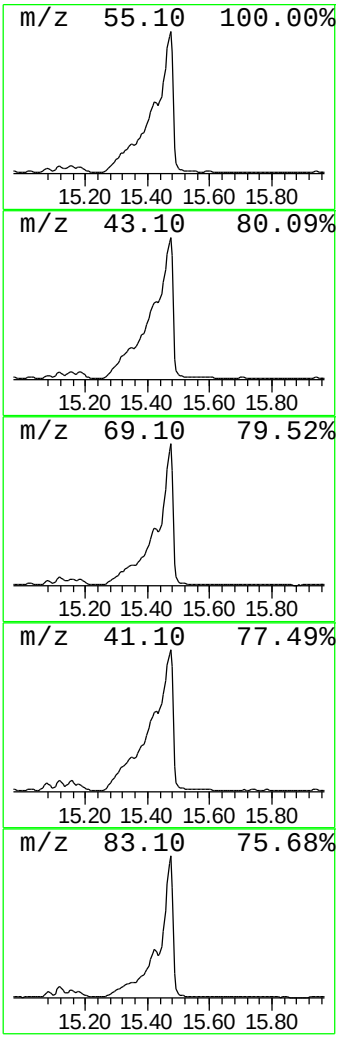
****

Peak Number 13 Trifluoroacetic acid,n-trid... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	20.00 ng	22642000	Phenanthrene-d10	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	90
2	1-Pentadecene	210	C15H30	013360-61-7	90
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

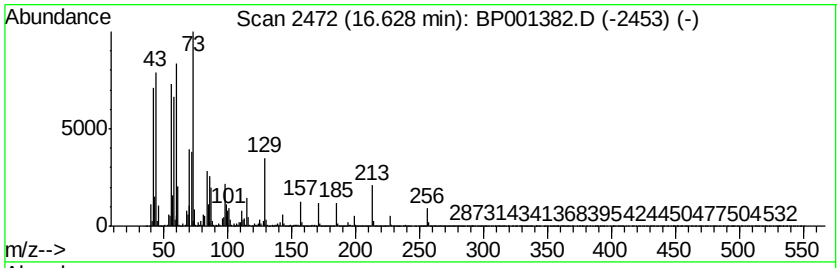
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

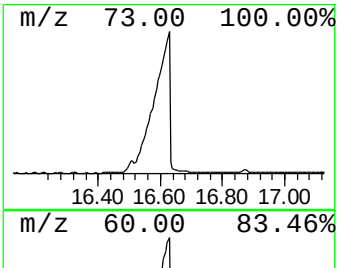
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	21.20 ng	23995300	Phenanthrene-d10	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

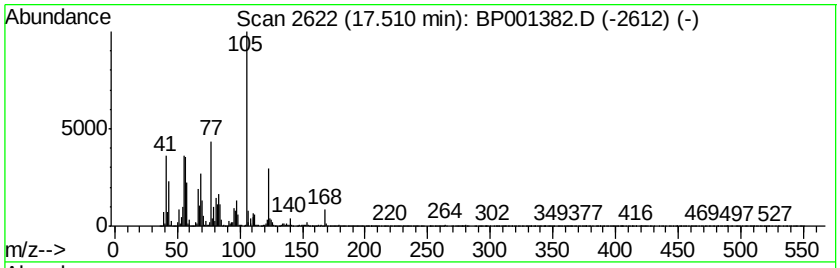
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

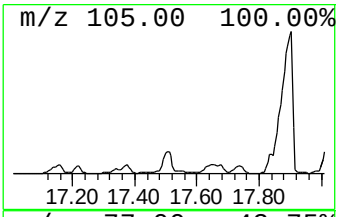
****

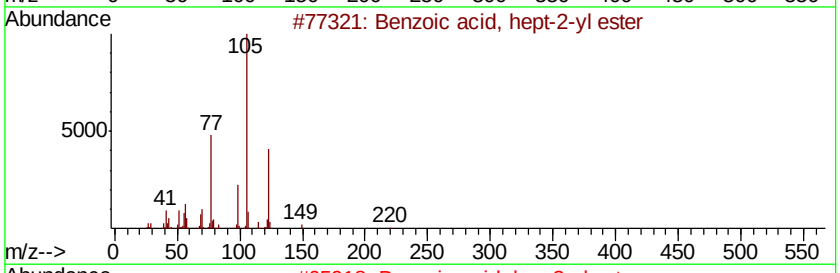
Peak Number 15 Benzoic acid, hept-2-yl ester Concentration Rank 17

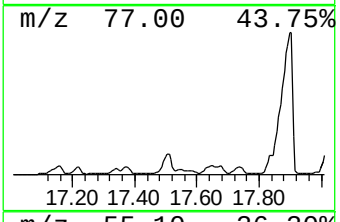
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	3.11 ng	6307300	Chrysene-d12	19.28

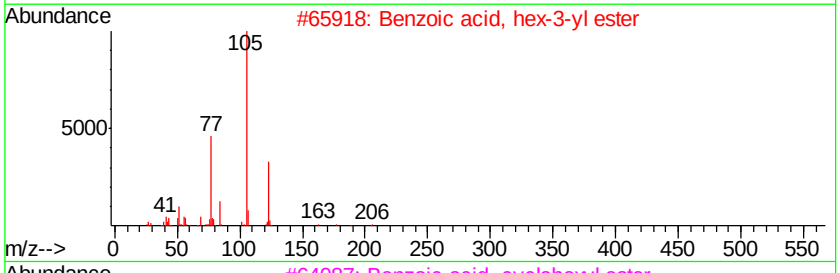
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, hept-2-yl ester	220	C14H20O2	1000368-69-4	55
2	Benzoic acid, hex-3-yl ester	206	C13H18O2	1000367-94-6	47
3	Benzoic acid, cyclohexyl ester	204	C13H16O2	002412-73-9	47
4	Benzoic acid, dec-2-yl ester	262	C17H26O2	1000367-89-7	38
5	1-Butanol, 3-methyl-, benzoate	192	C12H16O2	000094-46-2	38

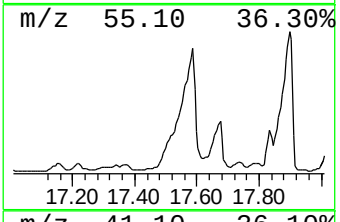


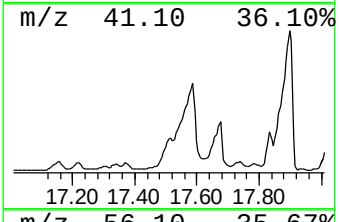


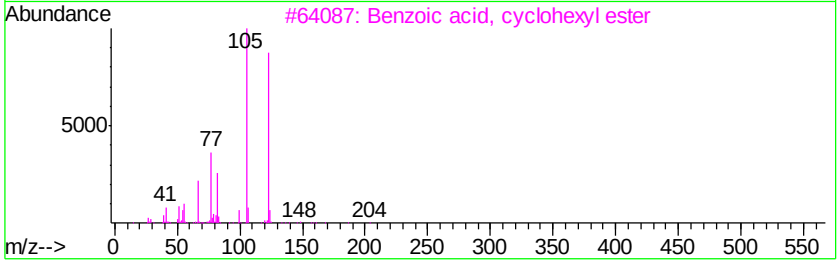


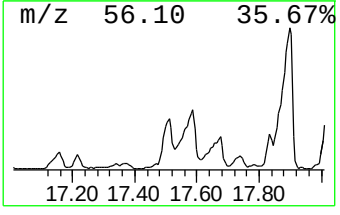












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

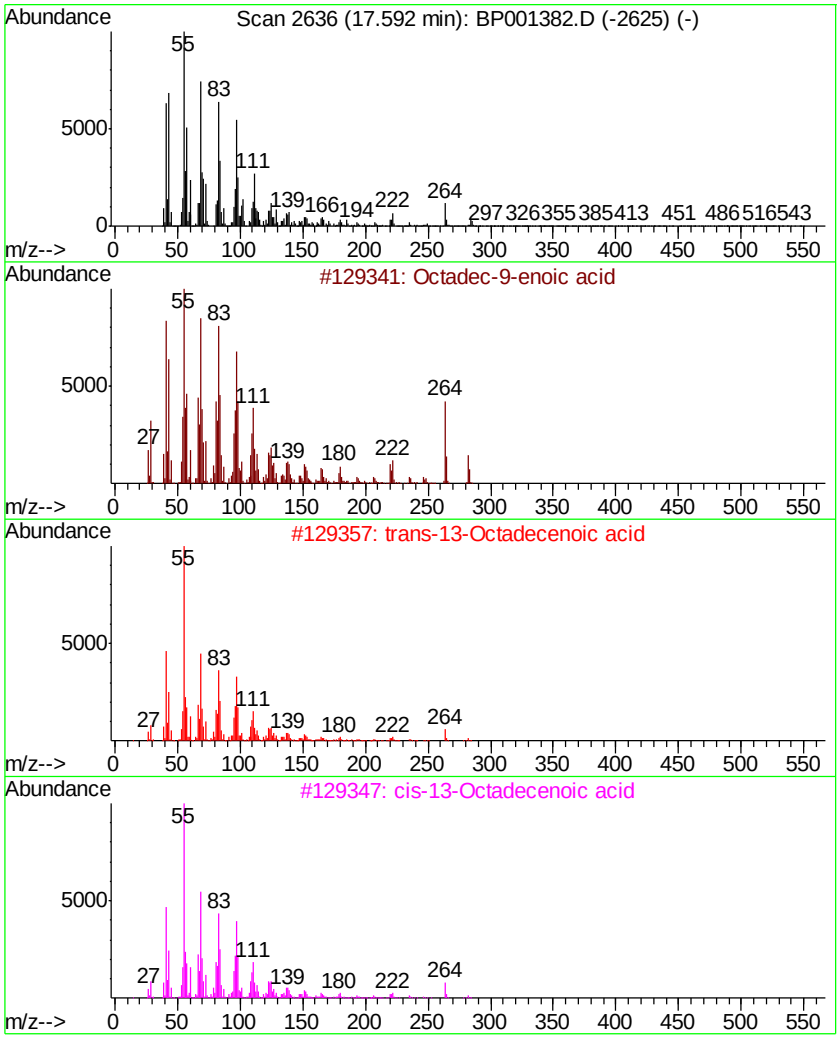
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

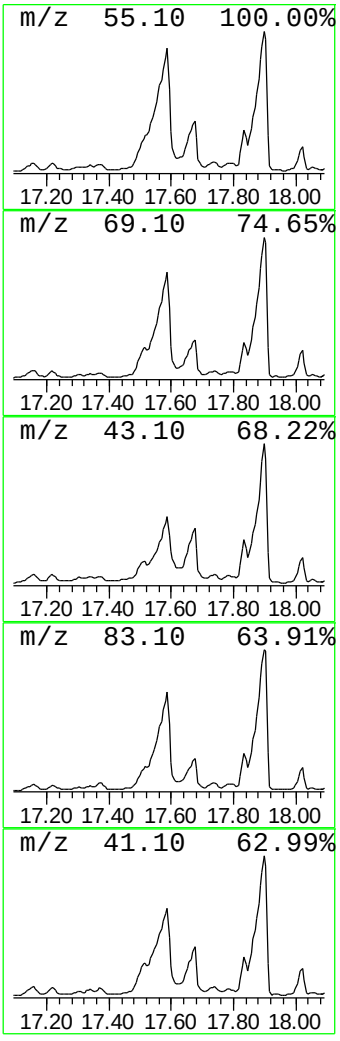
****

Peak Number 16 Octadec-9-enoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	9.49 ng	19255800	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	98
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

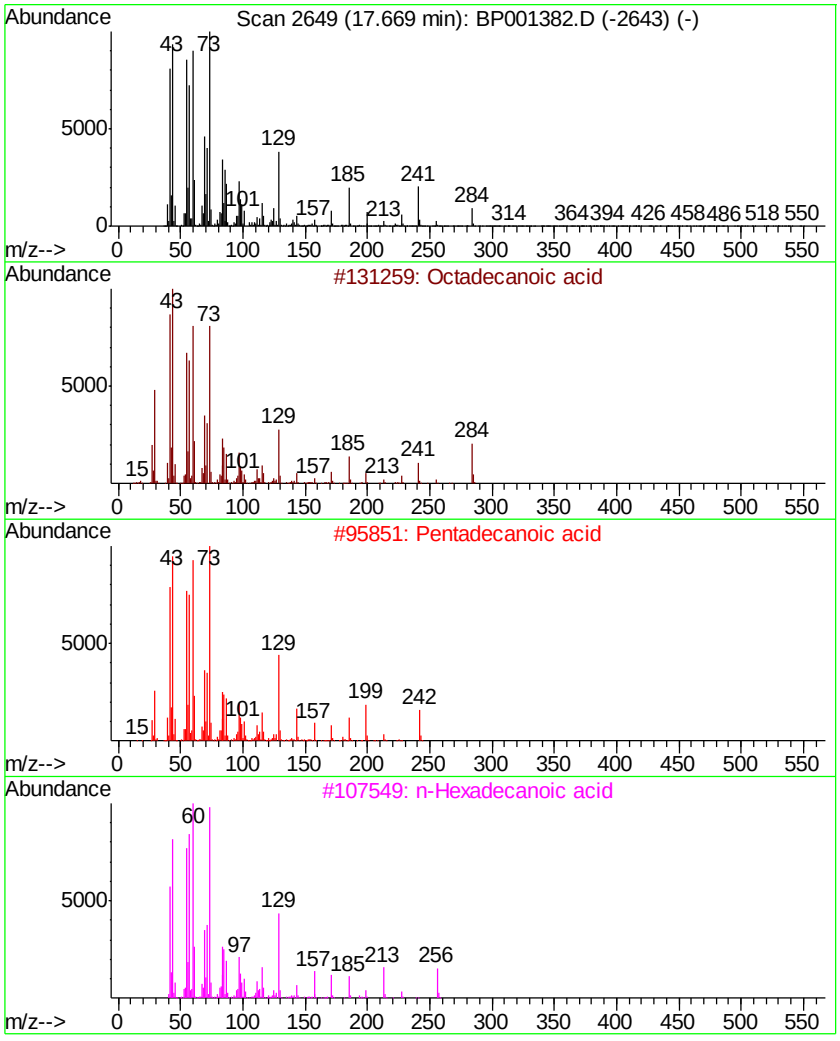
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

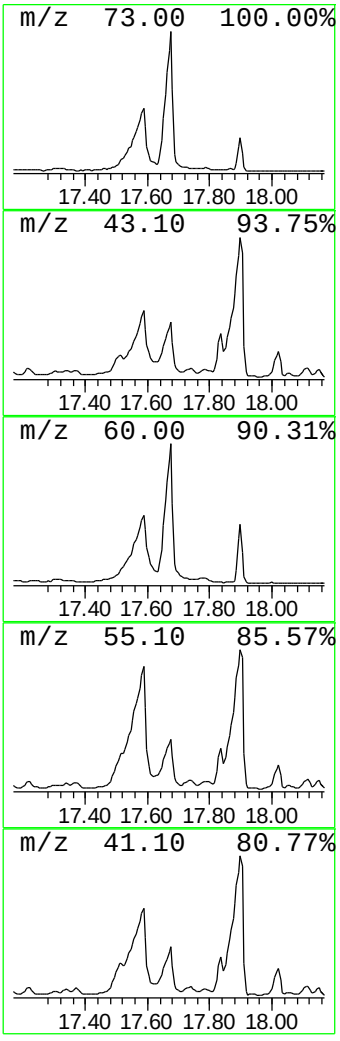
****

Peak Number 17 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.76 ng	7627490	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

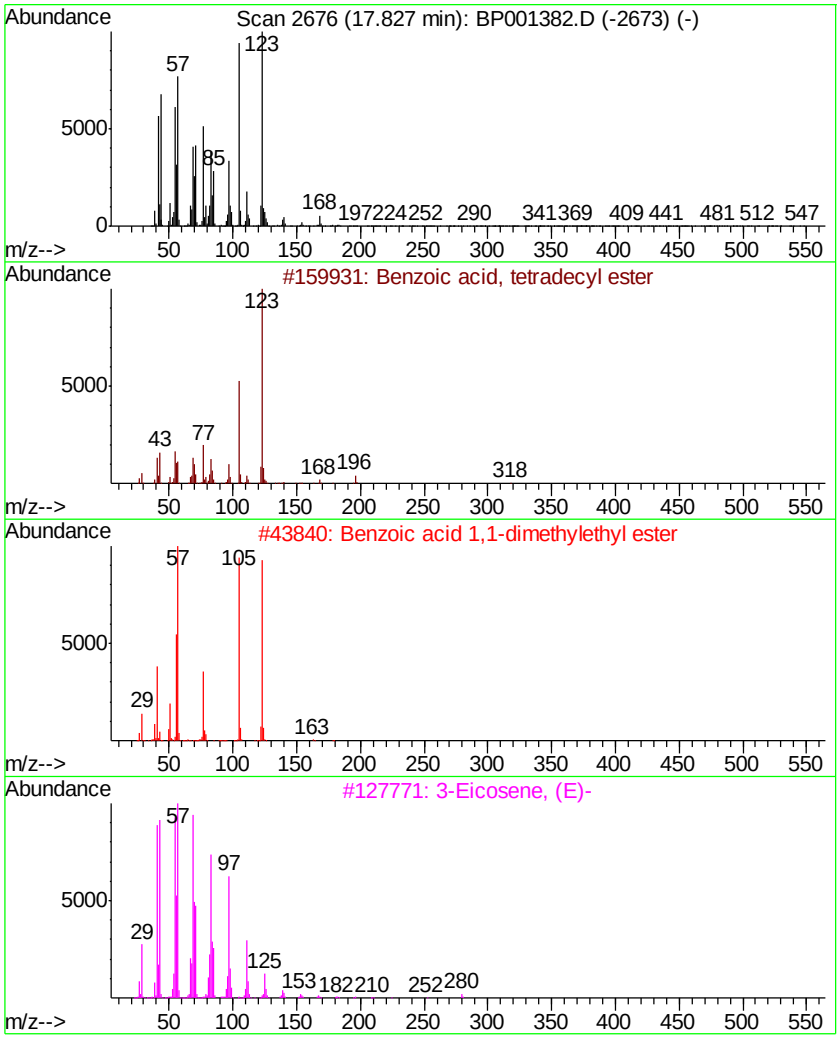
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

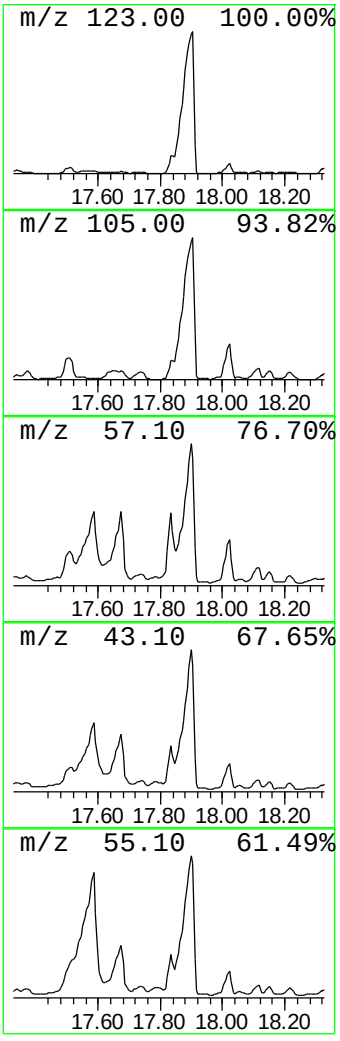
****

Peak Number 18 Benzoic acid, tetradecyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.21 ng	4482050	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	95
2	Benzoic acid 1,1-dimethylethyl e...	178	C11H14O2	000774-65-2	52
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	35
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	35
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

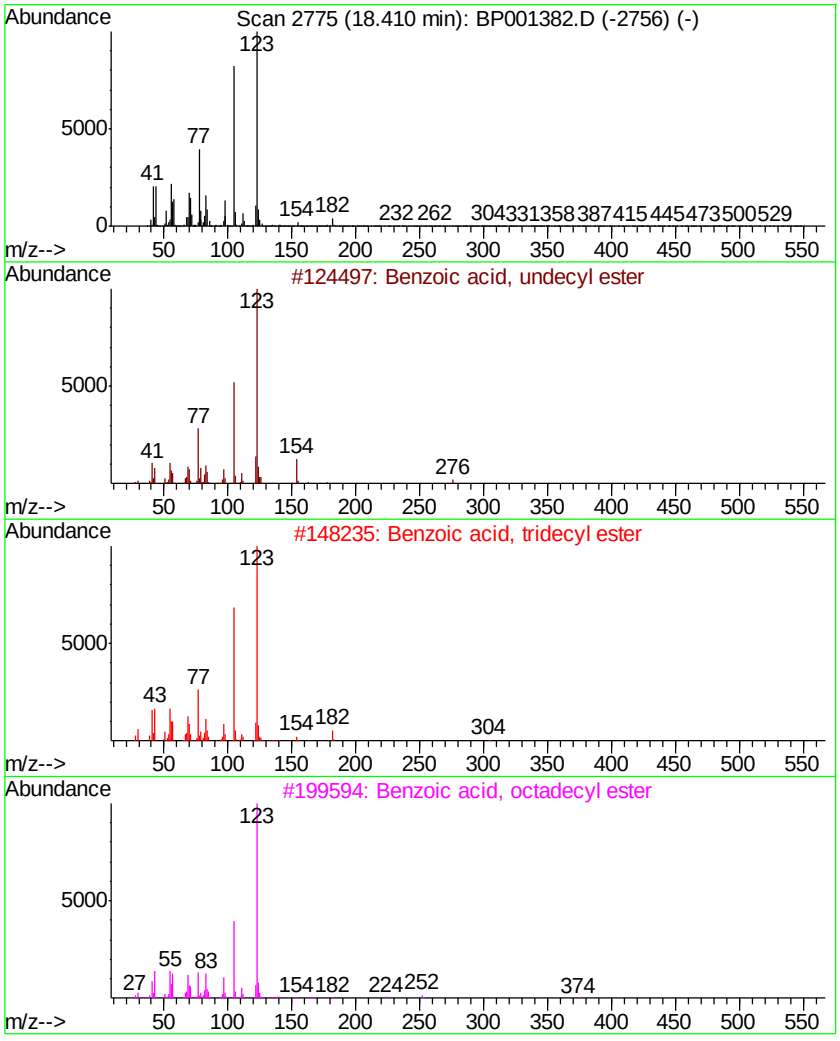
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

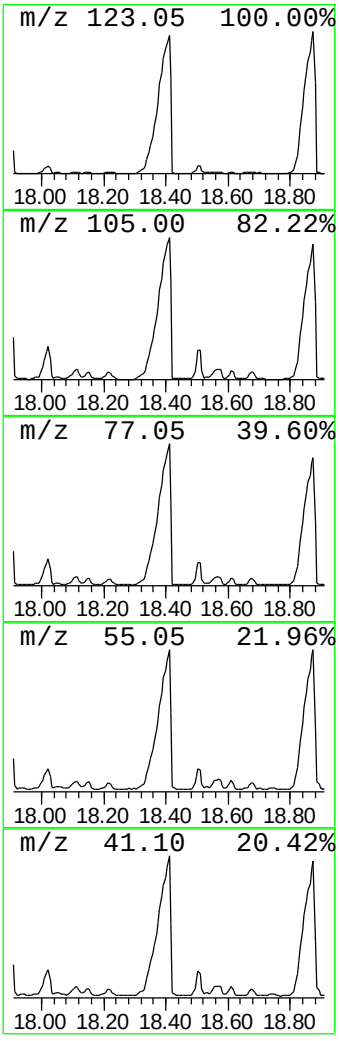
****

Peak Number 19 Benzoic acid, undecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	24.98 ng	50677700	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	93
2	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
3	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	74
4	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	72
5	2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001382.D
Acq On : 23 Dec 2019 22:37
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
unknown7.95	7.95	13.3	ng	769188	1	8.31	1156380	20.0
n-Decanoic acid	12.81	112.5	ng	19756400	3	13.26	3512180	20.0
unknown12.85	12.85	8.6	ng	1500580	3	13.26	3512180	20.0
E-11,13-Tetradeca...	13.19	20.0	ng	3512180	3	13.26	3512180	20.0
1-Iodo-2-methylun...	13.41	3.1	ng	544336	3	13.26	3512180	20.0
11-Tricosene	13.60	3.0	ng	519259	3	13.26	3512180	20.0
2-Methyl-1-undecanol	13.65	3.2	ng	557828	3	13.26	3512180	20.0
1-Tetradecene	14.00	163.4	ng	28693300	3	13.26	3512180	20.0
Dodecanoic acid	14.26	43.8	ng	7687980	3	13.26	3512180	20.0
1-Dodecene	14.77	3.6	ng	4026090	4	15.69	22642000	20.0
Tetradecanoic acid	15.35	6.9	ng	7767970	4	15.69	22642000	20.0
Trifluoroacetic a...	15.47	20.0	ng	22642000	4	15.69	22642000	20.0
n-Hexadecanoic acid	16.63	21.2	ng	23995300	4	15.69	22642000	20.0
Benzoic acid, hep...	17.51	3.1	ng	6307300	5	19.28	40578500	20.0
Octadec-9-enoic acid	17.59	9.5	ng	19255800	5	19.28	40578500	20.0
Octadecanoic acid	17.67	3.8	ng	7627490	5	19.28	40578500	20.0
Benzoic acid, tet...	17.83	2.2	ng	4482050	5	19.28	40578500	20.0
Benzoic acid, und...	18.41	25.0	ng	50677700	5	19.28	40578500	20.0