LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

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-BP010820.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	4.793	337	341	348	rVB	31483	46028	1.05%	0.271%
2	5.252	414	419	429	rVB	121627	188360	4.31%	1.111%
3	6.822	679	686	700	rVB	133244	223732	5.12%	1.320%
4	7.169	738	745	755	rVB	138053	217133	4.97%	1.281%
5	7.628	816	823	830	rBV	164796	260661	5.96%	1.537%
6	7.946	870	877	885	rBV	110991	174192	3.98%	1.027%
7	8.775	1011	1018	1027	rBV	77490	136595	3.12%	0.806%
8	10.404	1286	1295	1305	rBV	196919	343618	7.86%	2.027%
9	12.893	1712	1718	1724	rBV	173606	263144	6.02%	1.552%
10	14.210	1938	1942	1946	rVB	34391	44677	1.02%	0.263%
11	14.275	1946	1953	1960	rBV	292417	433676	9.92%	2.558%
12	15.169	2101	2105	2110	rVB	43489	52962	1.21%	0.312%
13	15.775	2203	2208	2219	rVB	147486	227594	5.21%	1.342%
14	16.039	2249	2253	2256	rBV	60121	79413	1.82%	0.468%
15	16.834	2384	2388	2393	rBV	53896	67161	1.54%	0.396%
16	17.034	2417	2422	2428	rBV	350986	493865	11.30%	2.913%
17	17.581	2511	2515	2518	rBV	56683	65182	1.49%	0.384%
18	17.745	2538	2543	2549	rBV	683167	845352	19.34%	4.986%
19	17.975	2576	2582	2594	rBV	144301	259601	5.94%	1.531%
20	18.257	2625	2630	2639	rVB2	56241	89247	2.04%	0.526%
21	18.863	2727	2733	2735	rBV	3633257	4371564	100.00%	25.782%
22	18.892	2735	2738	2748	rVB2	3165244	3918877	89.64%	23.112%
23	19.022	2755	2760	2764	rVB	527801	559491	12.80%	3.300%
24	19.075	2764	2769	2771	rBV	258878	327732	7.50%	1.933%
25	19.104	2771	2774	2789	rVV3	306758	615418	14.08%	3.630%
26	19.216	2790	2793	2799	rVB4	34784	57216	1.31%	0.337%
27	19.622	2856	2862	2868	rBV	328271	447041	10.23%	2.637%
28	20.086	2938	2941	2944	rBV	50761	56107	1.28%	0.331%
29	20.122	2944	2947	2954	rVV8	31225	56506	1.29%	0.333%
30	20.892	3074	3078	3083	rBV	77203	102592	2.35%	0.605%
31	21.016	3096	3099	3104	rBV	47393	52260	1.20%	0.308%
32	21.139	3115	3120	3129	rBV	395745	532970	12.19%	3.143%
33	21.322	3148	3151	3156	rVB	47435	54417	1.24%	0.321%
34	21.757	3222	3225	3234	rVB	82827	130900	2.99%	0.772%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.227	3301	3305	3309	rVB	100185	128263	2.93%	0.756%
36	22.739	3388	3392	3397	rVB	126526	180350	4.13%	1.064%
37	23.316	3485	3490	3494	rBV	110566	182059	4.16%	1.074%
38	23.368	3494	3499	3509	rVB	260938	470229	10.76%	2.773%
39	23.974	3597	3602	3610	rVB	102226	199587	4.57%	1.177%

Sum of corrected areas: 16955772

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
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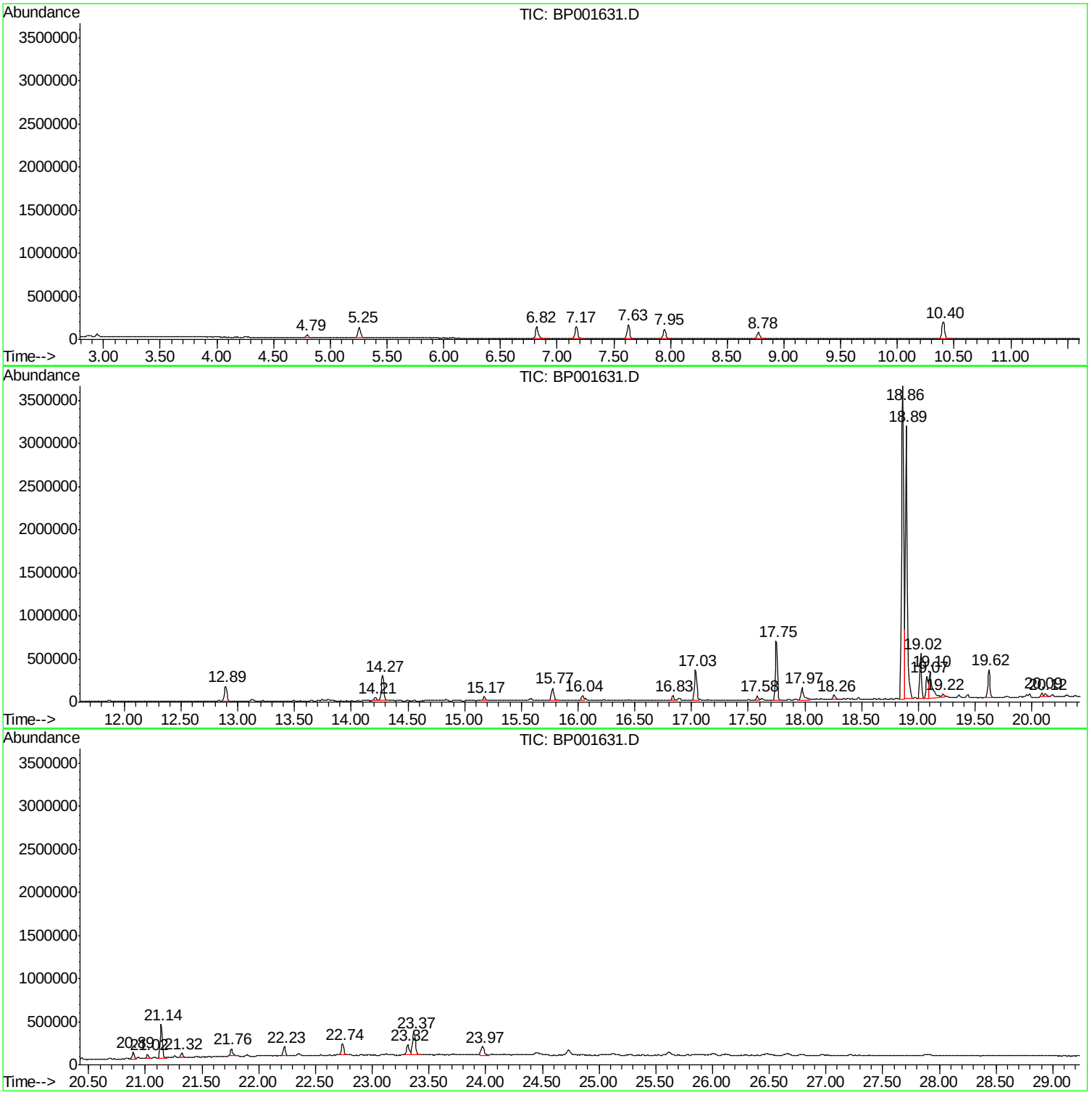
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

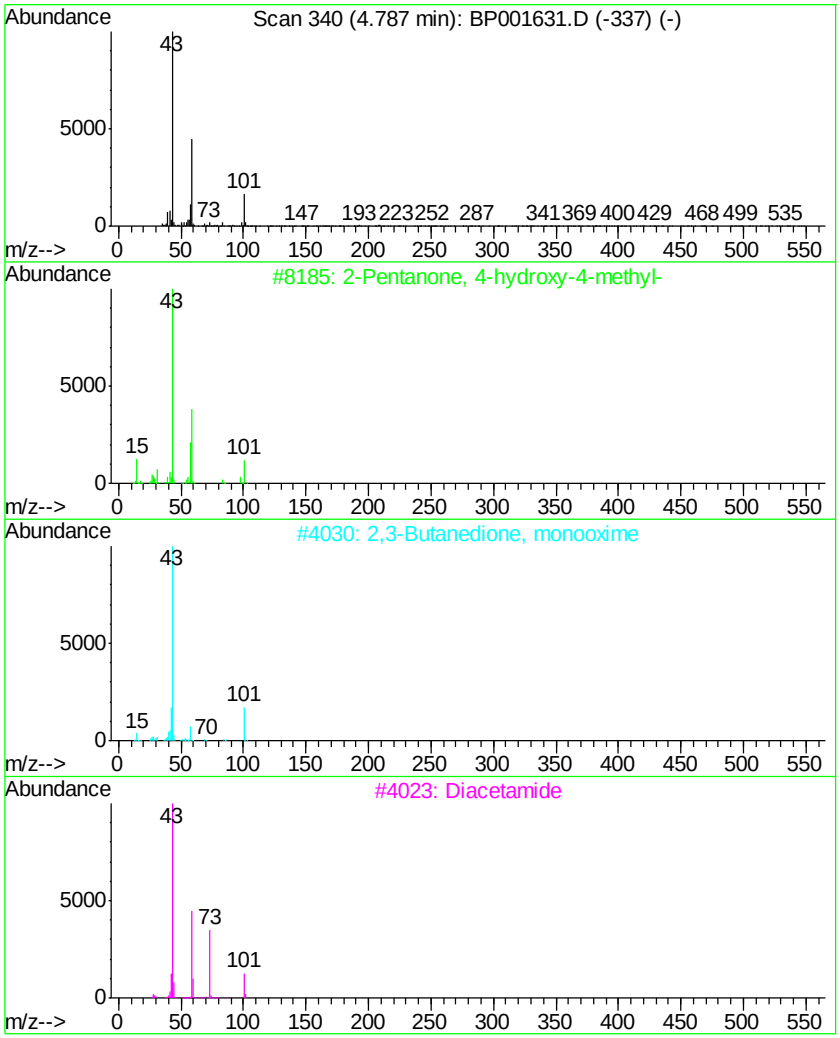
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

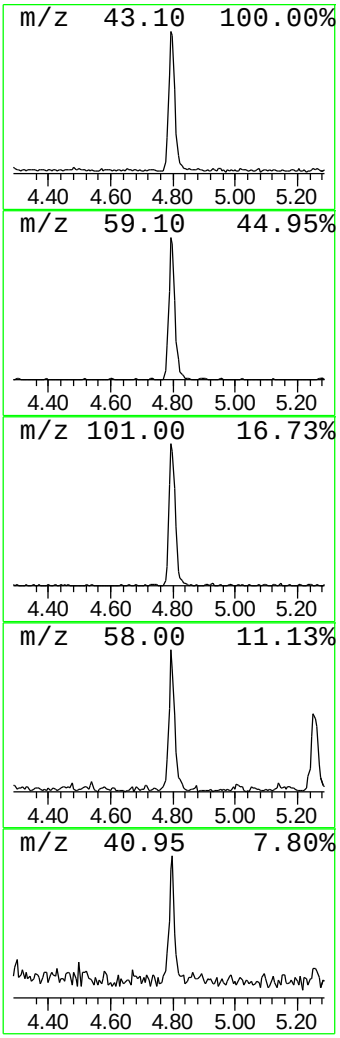
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.53 ng	46028	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

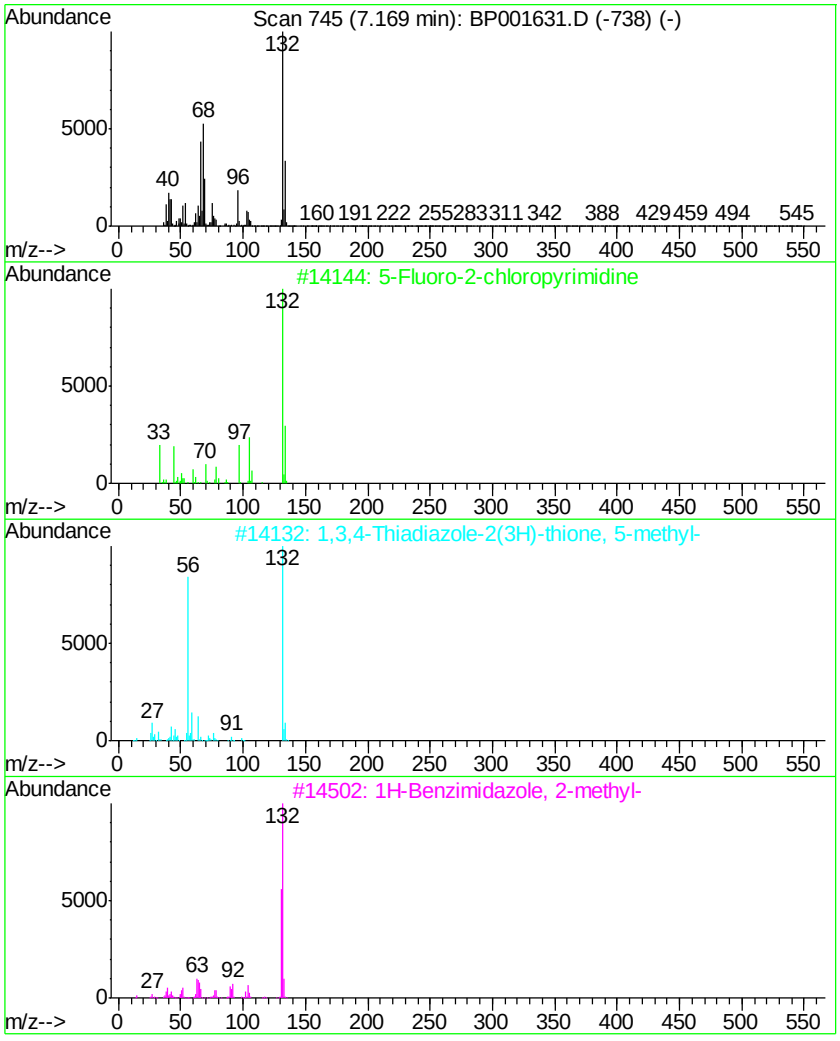
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

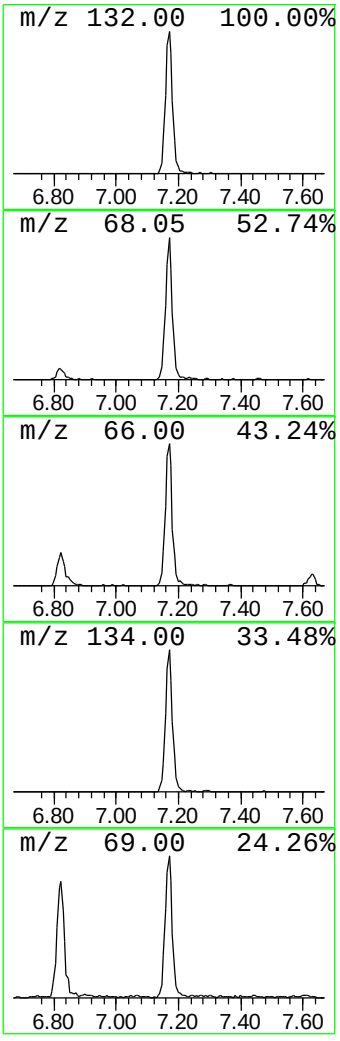
****

Peak Number 2 unknown7.17 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	16.66 ng	217133	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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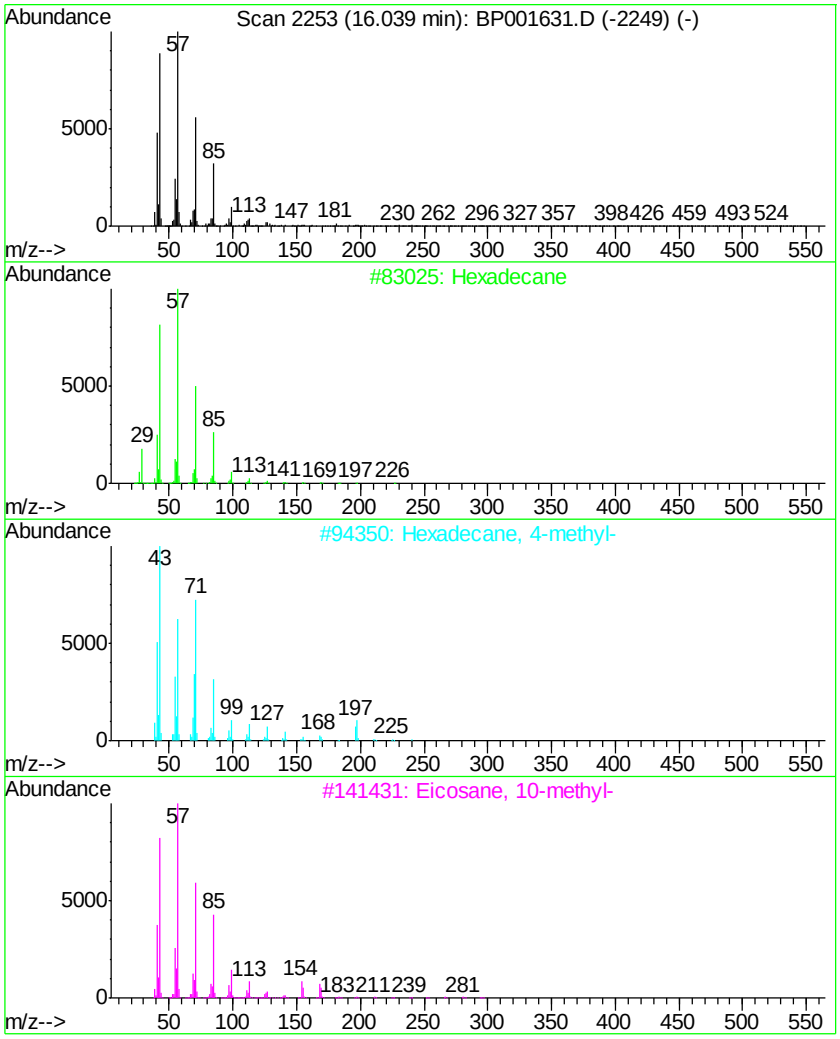
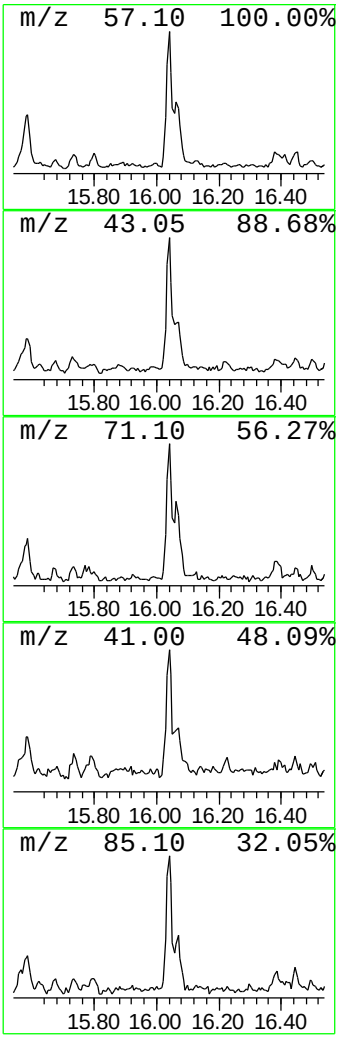
Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.22 ng	79413	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5	Dodecane	170	C12H26	000112-40-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

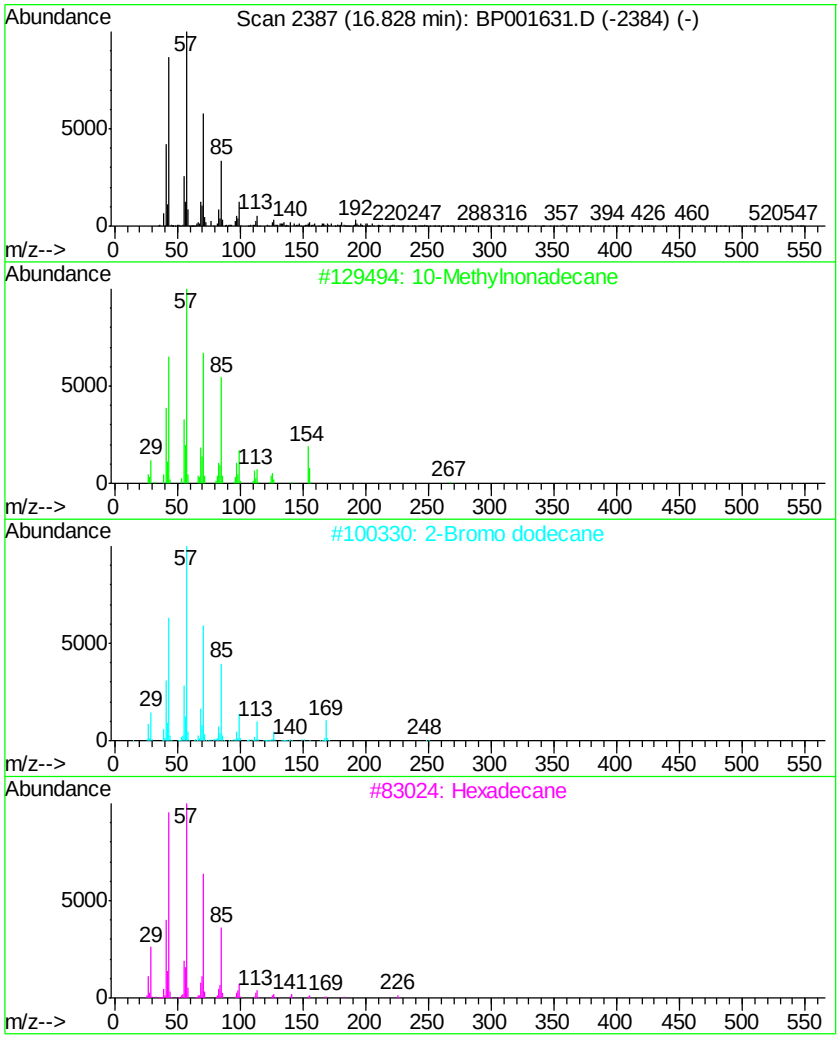
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

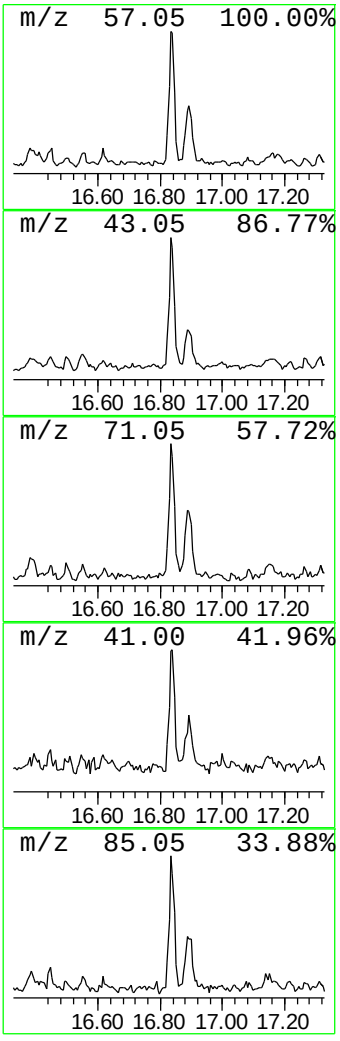
****

Peak Number 5 10-Methylnonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.72 ng	67161	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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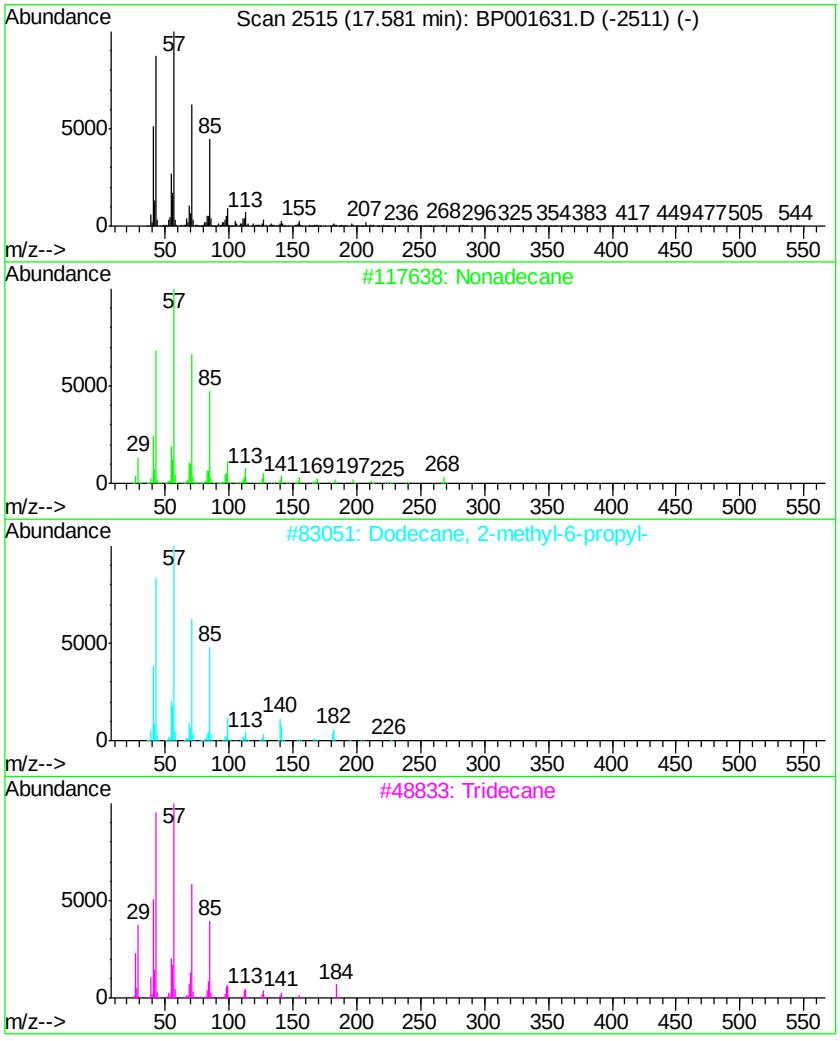
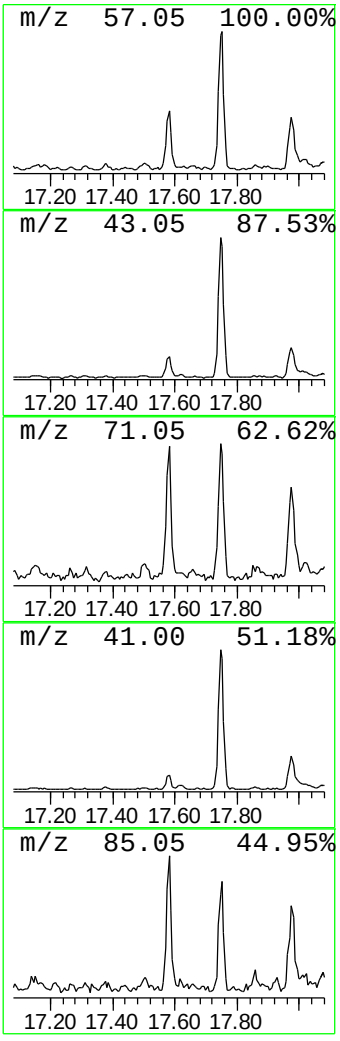
Peak Number 6 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.64 ng	65182	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

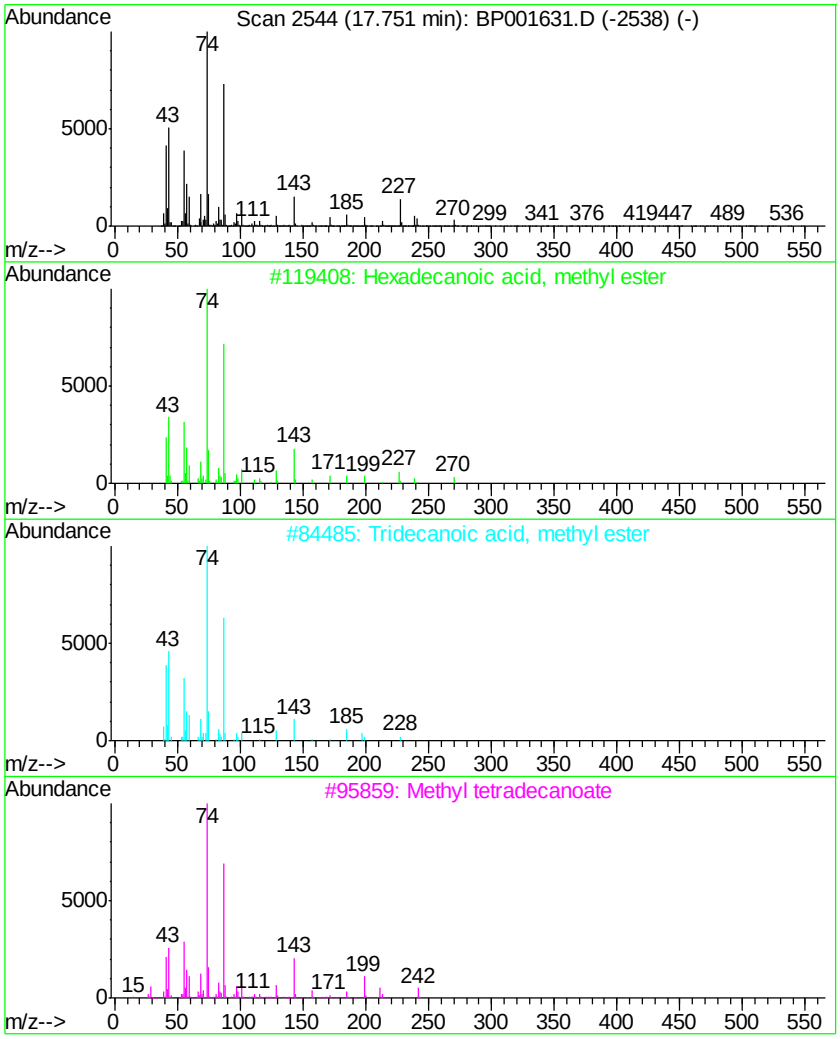
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

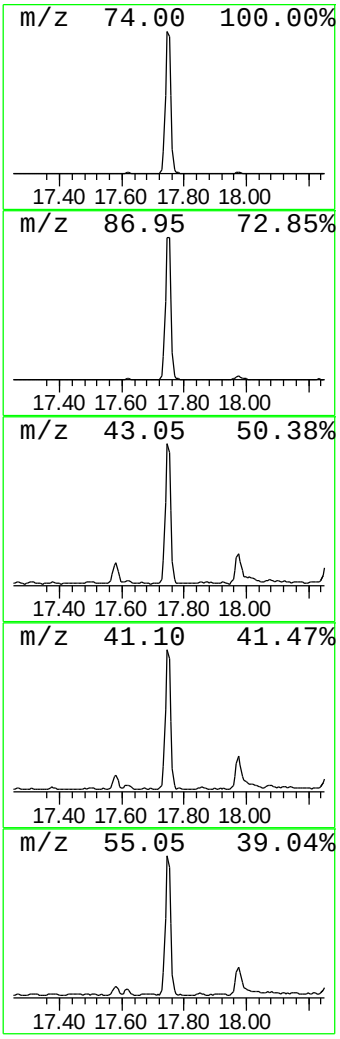
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	34.23 ng	845352	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

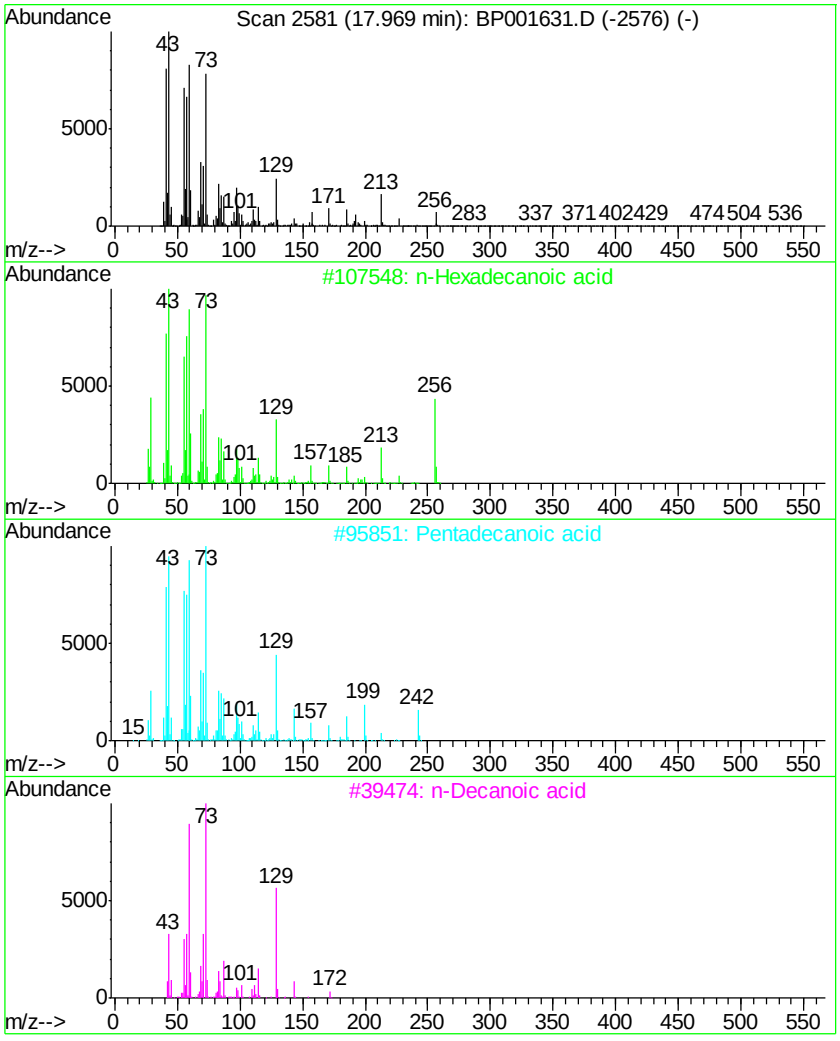
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

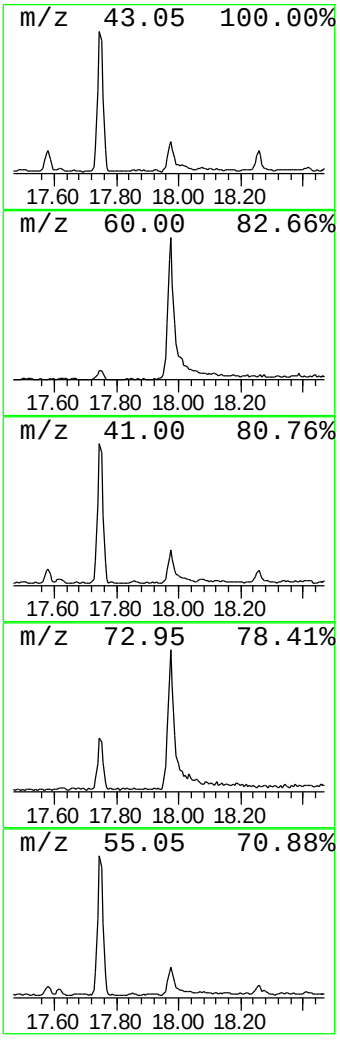
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	10.51 ng	259601	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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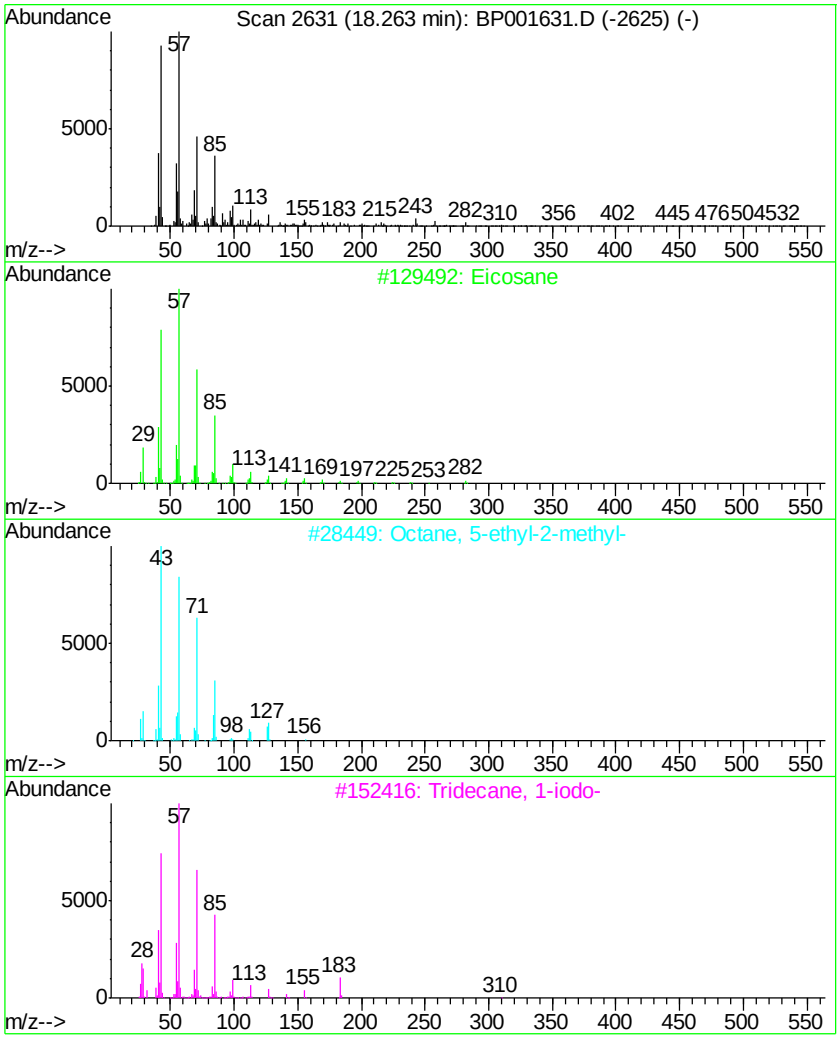
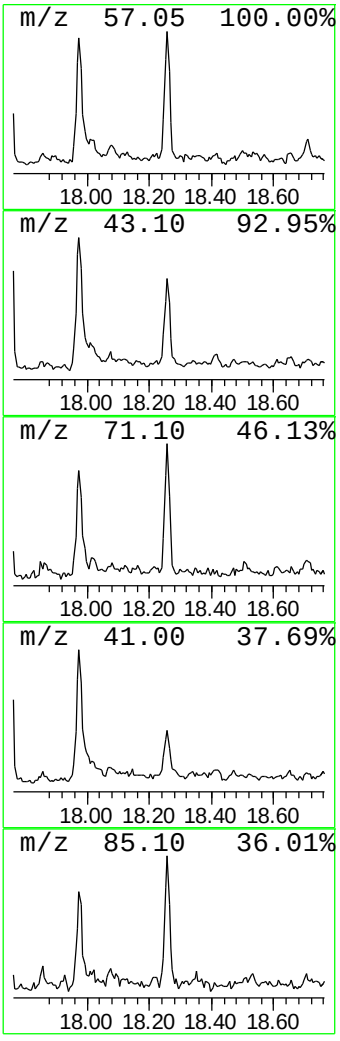
Peak Number 9 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.61 ng	89247	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	76
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	74
5	Pentadecane	212	C15H32	000629-62-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

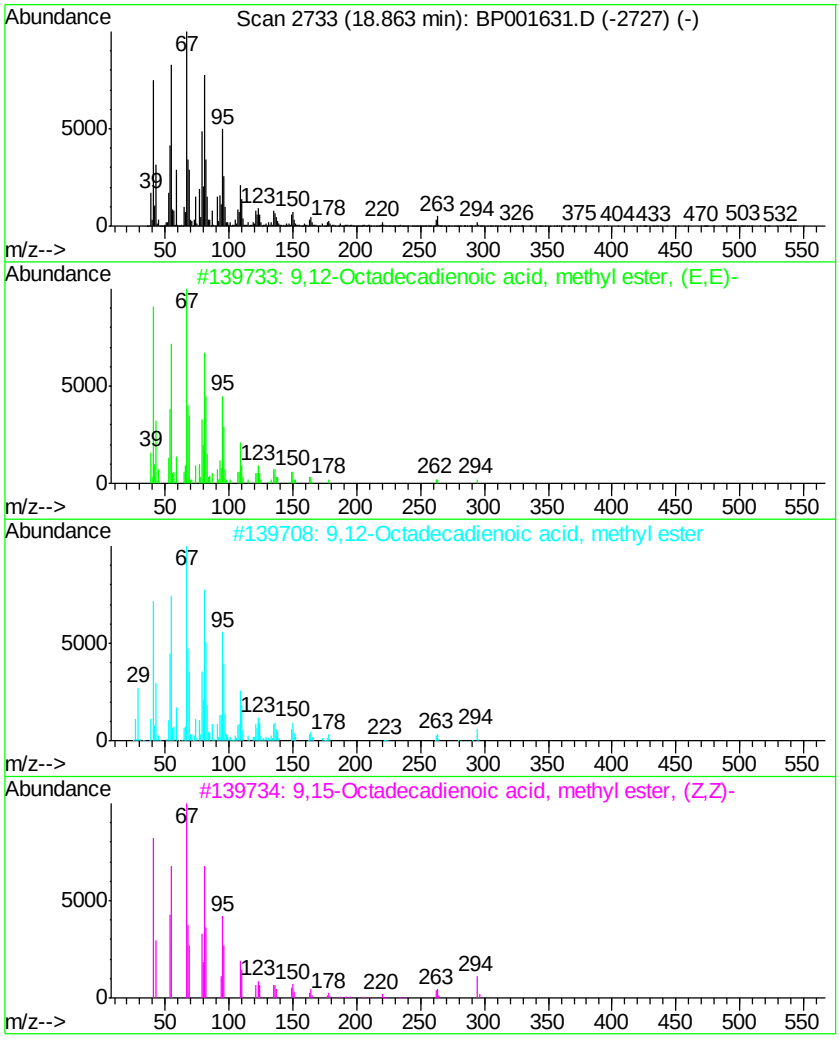
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

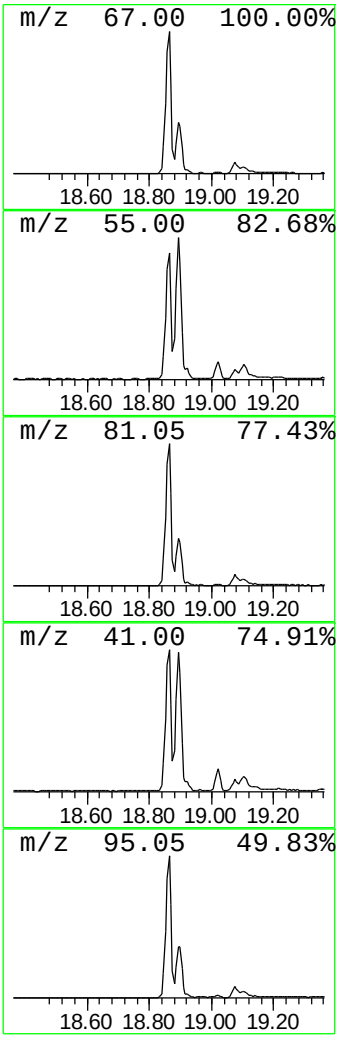
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	177.04 ng	4371560	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	97
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

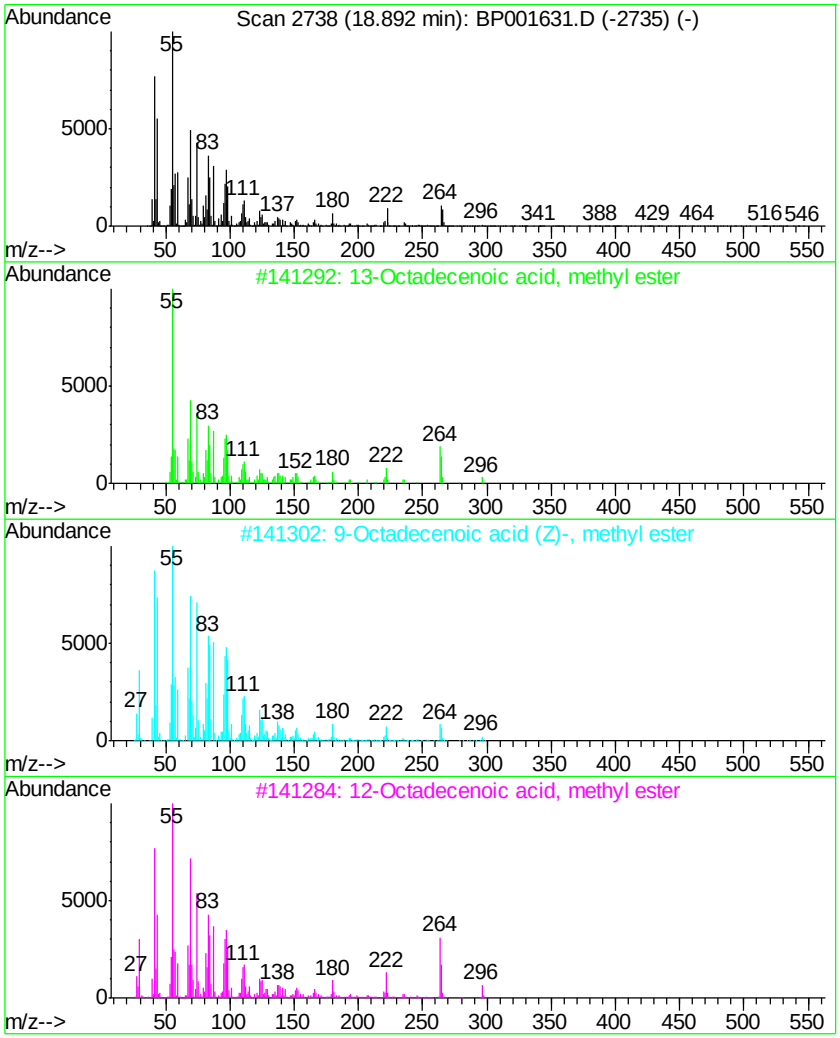
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

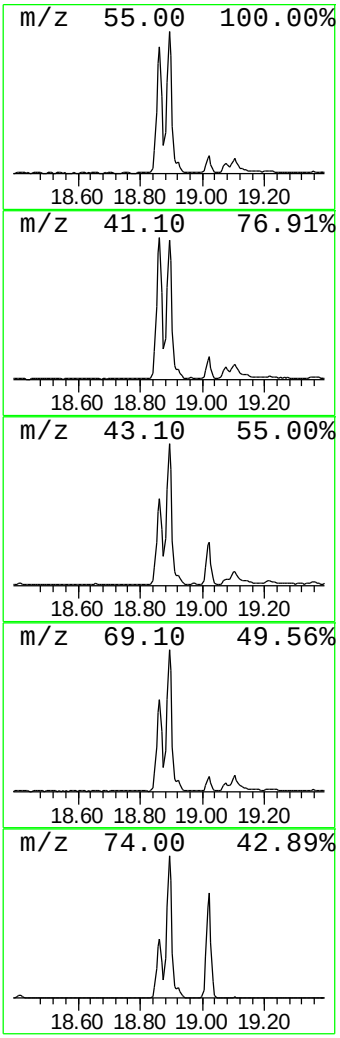
****

Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	158.70 ng	3918880	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	Methyl myristoleate	240	C15H28O2	056219-06-8	93
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91





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Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

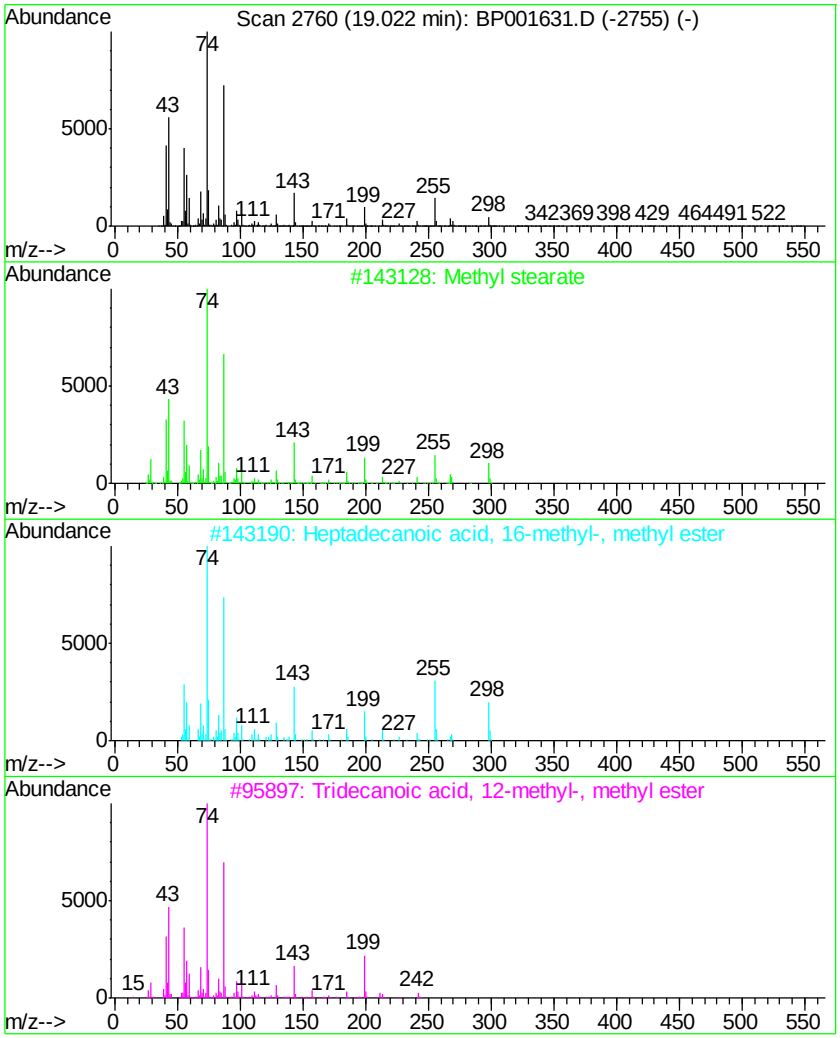
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

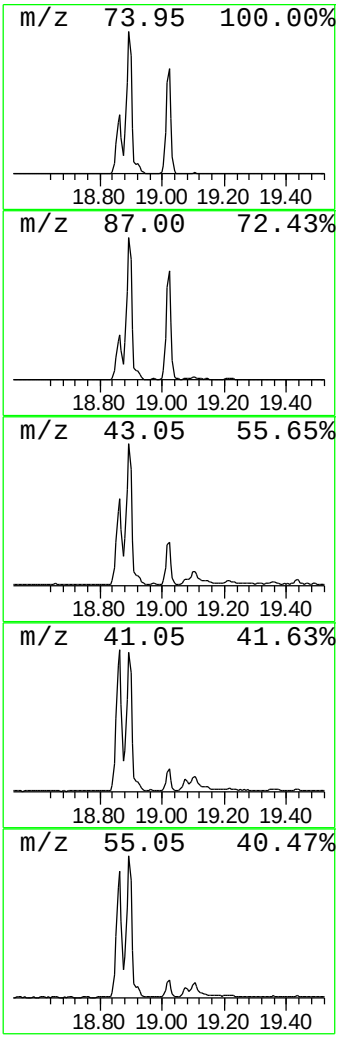
****

Peak Number 12 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	22.66 ng	559491	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	91
4	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Library Search Compound Report

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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

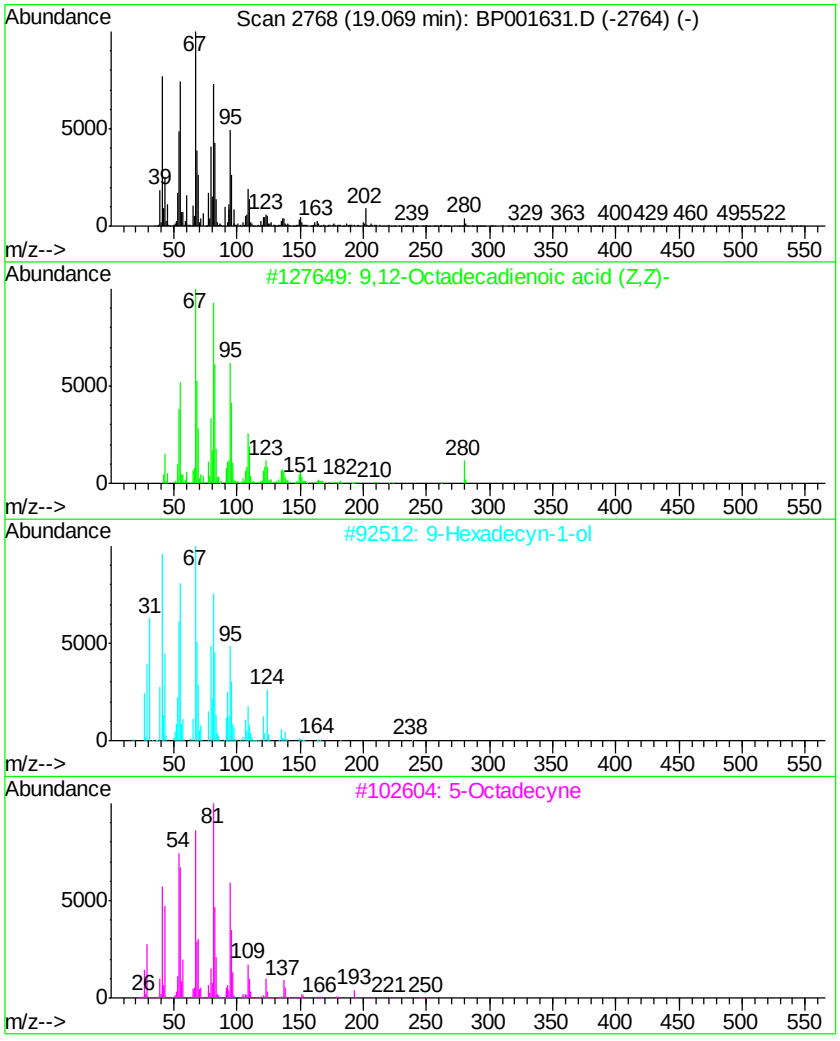
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

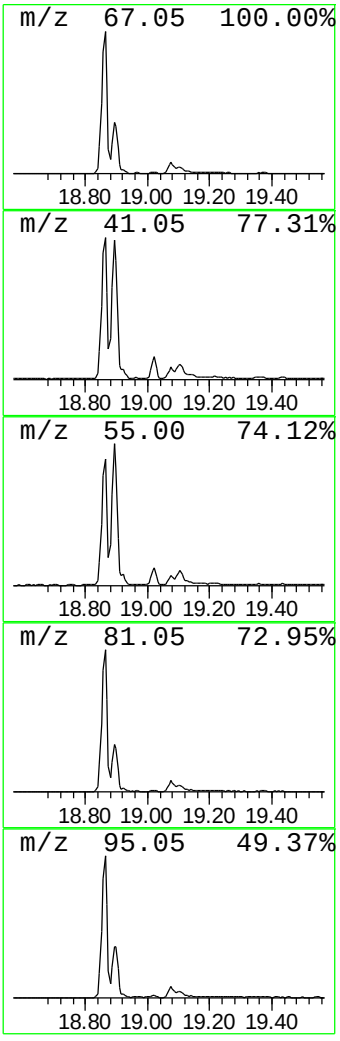
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	13.27 ng	327732	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2	9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	93
3	5-Octadecyne	250	C18H34	071899-42-8	86
4	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	86
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	83





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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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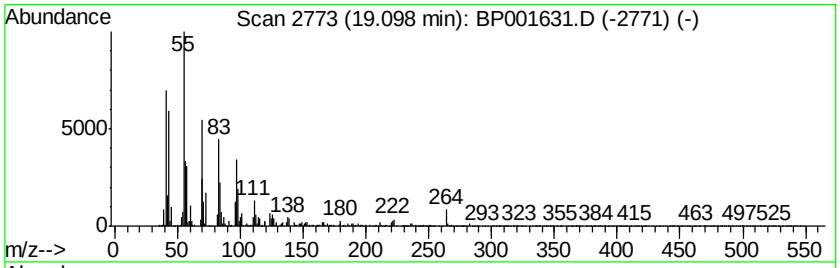
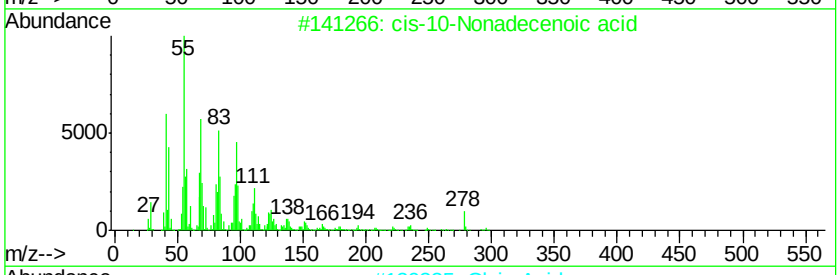
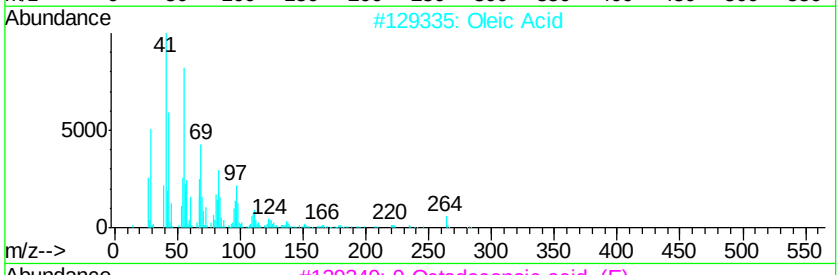
Peak Number 14 cis-10-Nonadecenoic acid Concentration Rank 4

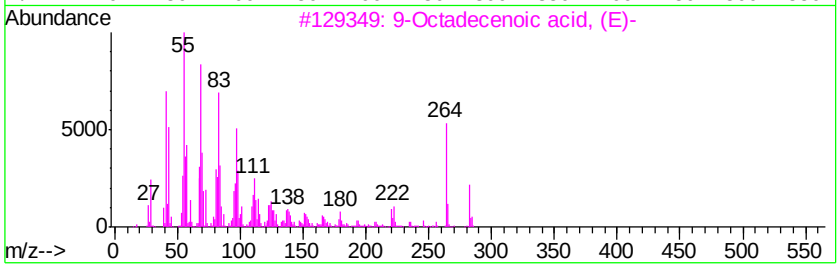
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	23.09 ng	615418	Chrysene-d12	21.14

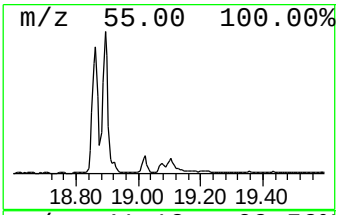
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	78
2	Oleic Acid	282	C18H34O2	000112-80-1	76
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	62
5	cis-1,2-Cyclododecanediol	200	C12H24O2	004422-05-3	58

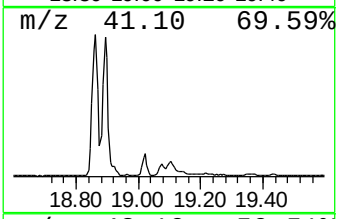


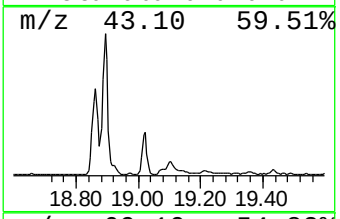


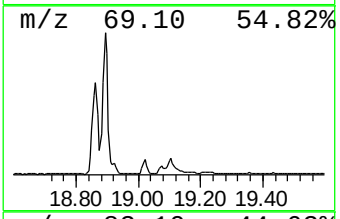


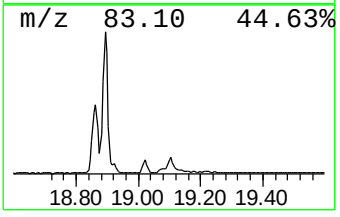












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

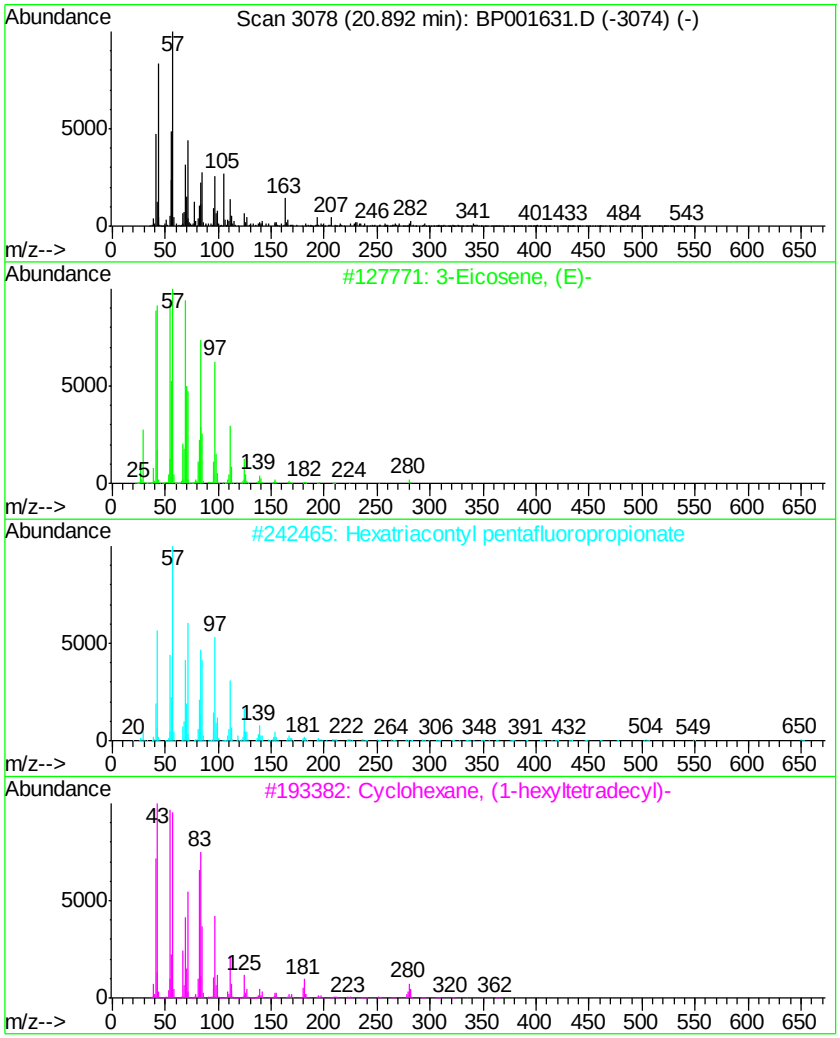
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

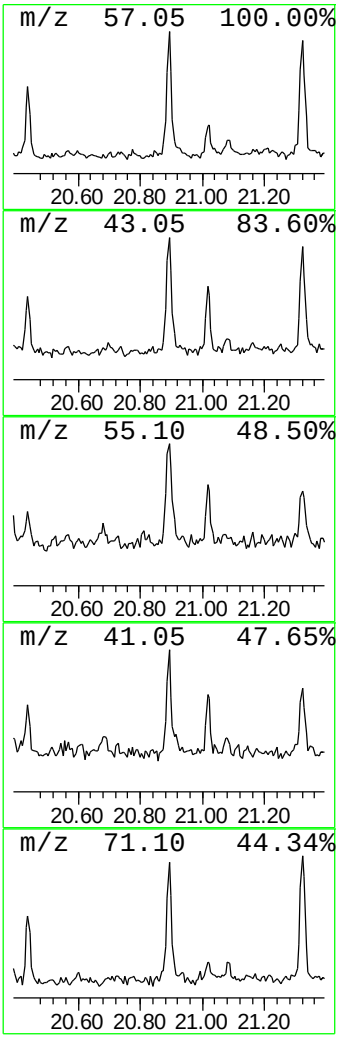
****

Peak Number 15 3-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.85 ng	102592	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	72
3	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	64
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
5	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	58





Library Search Compound Report

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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

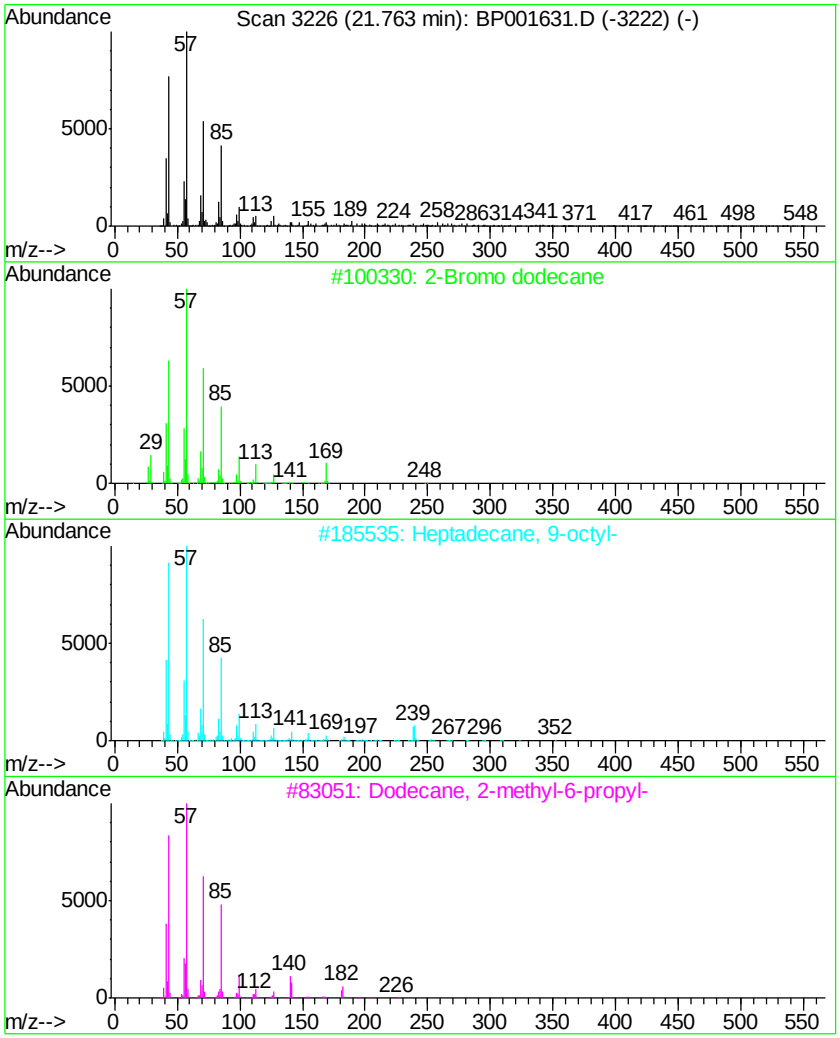
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

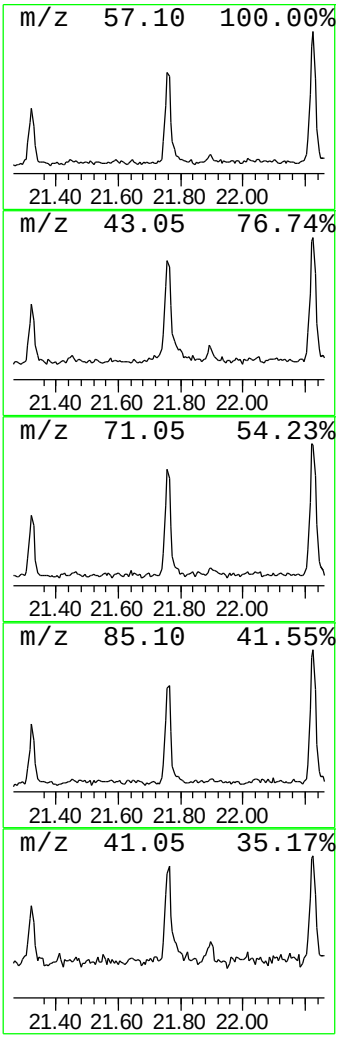
****

Peak Number 16 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	4.91 ng	130900	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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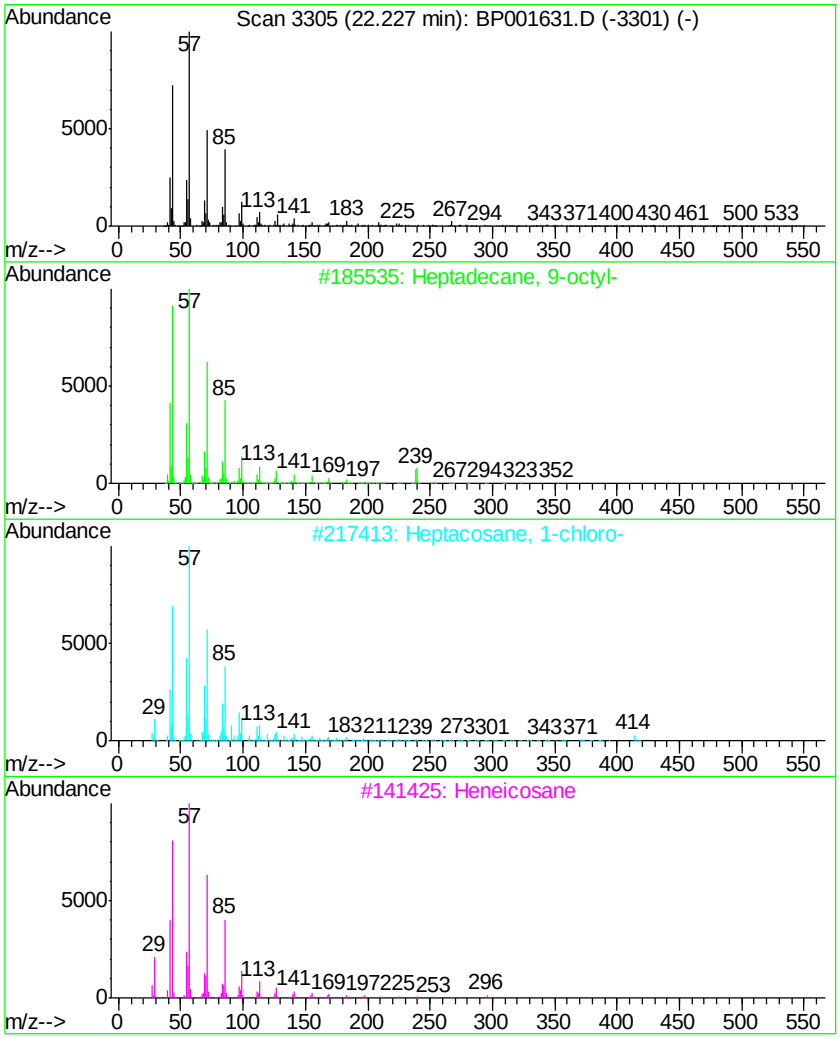
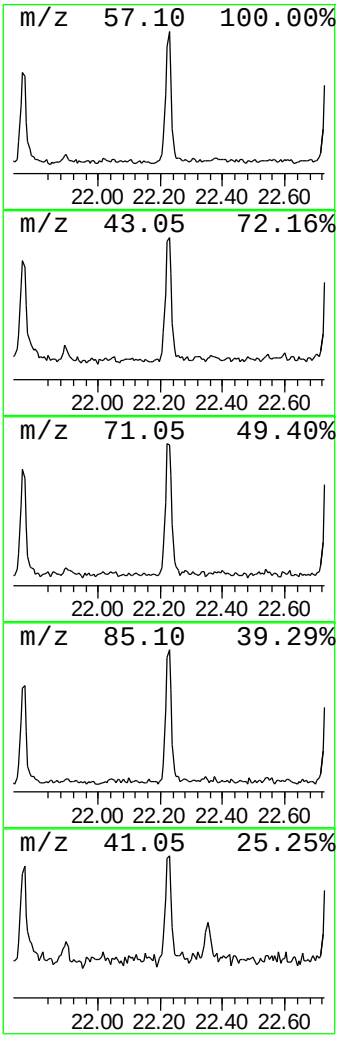
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	4.81 ng	128263	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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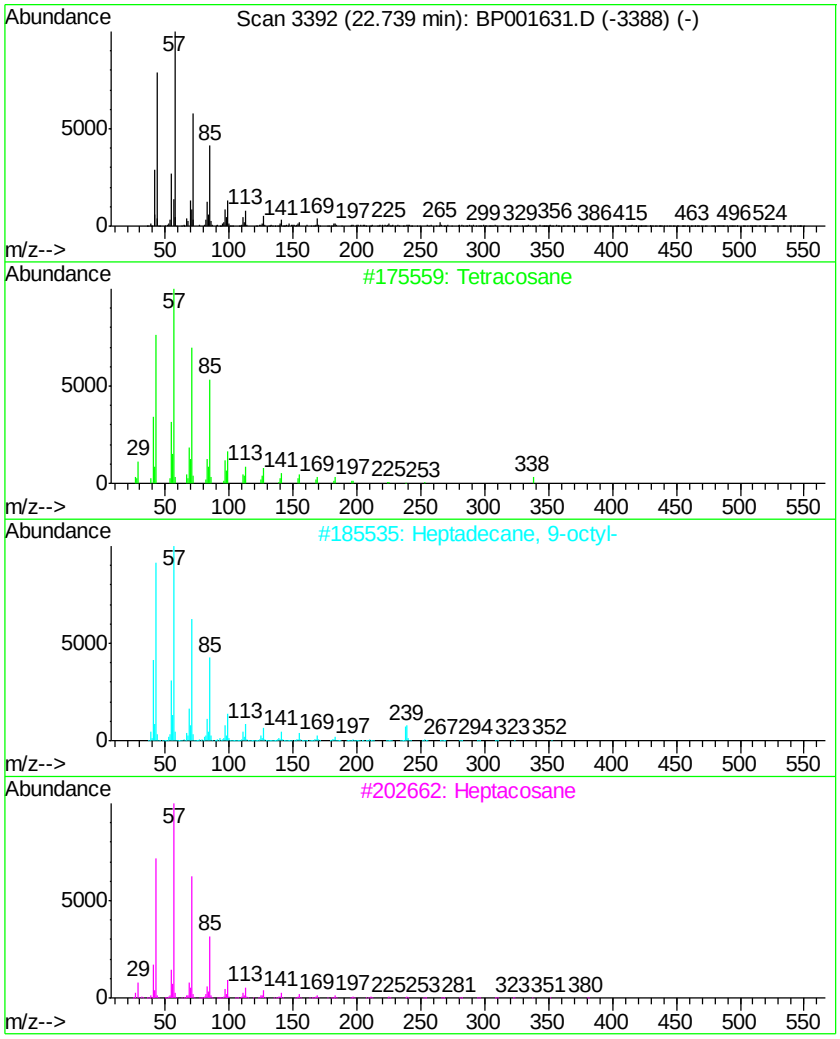
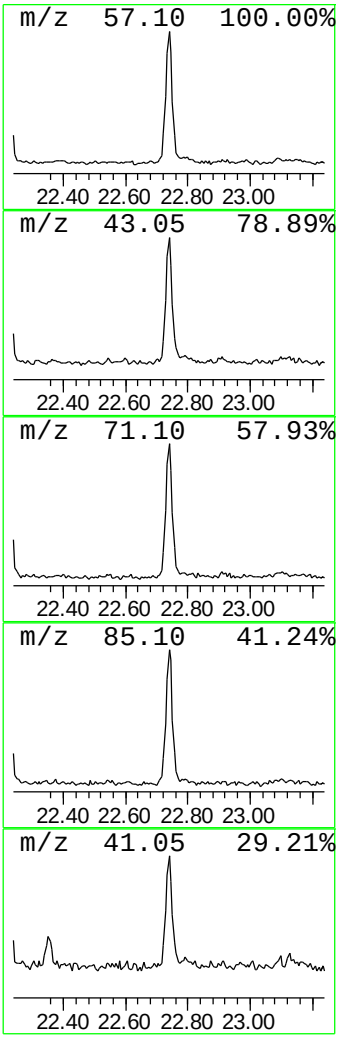
Peak Number 18 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	7.67 ng	180350	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tricosane	324	C23H48	000638-67-5	90





Library Search Compound Report

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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

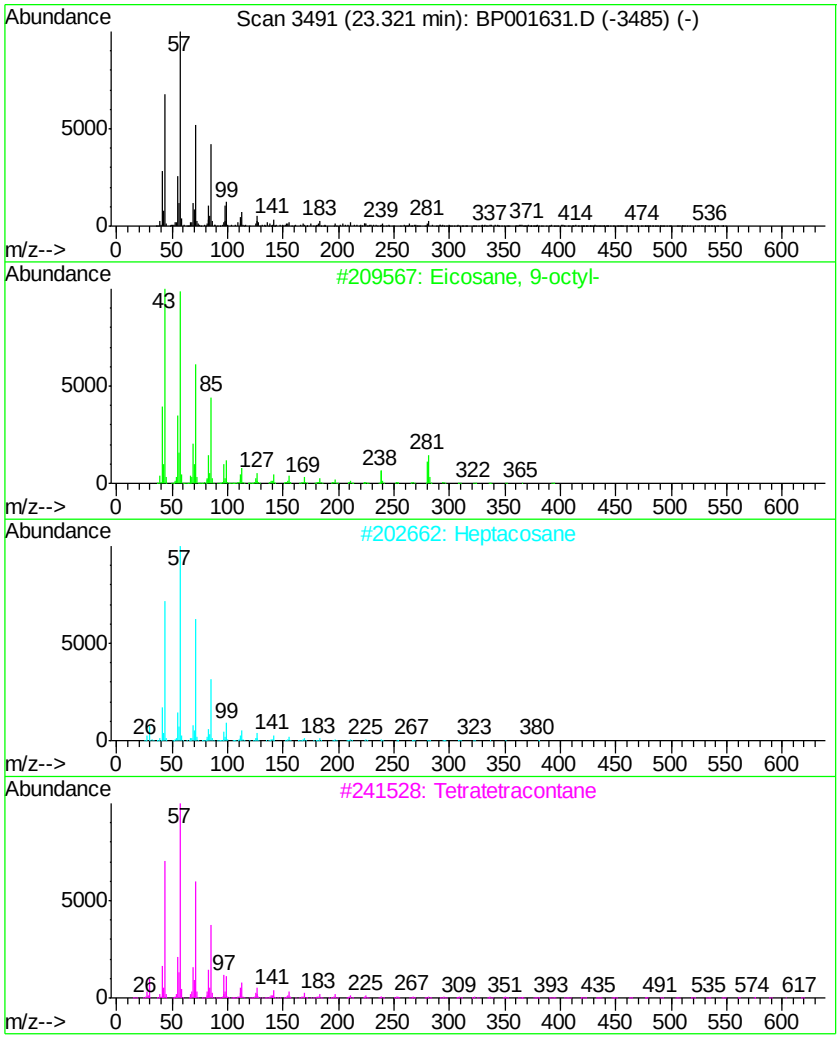
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

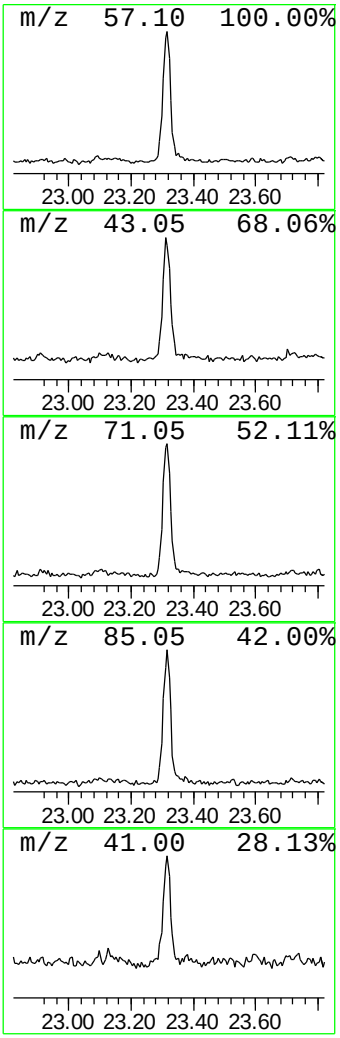
****

Peak Number 19 Eicosane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	7.74 ng	182059	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	96
2	Heptacosane	380	C27H56	000593-49-7	96
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Library Search Compound Report

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Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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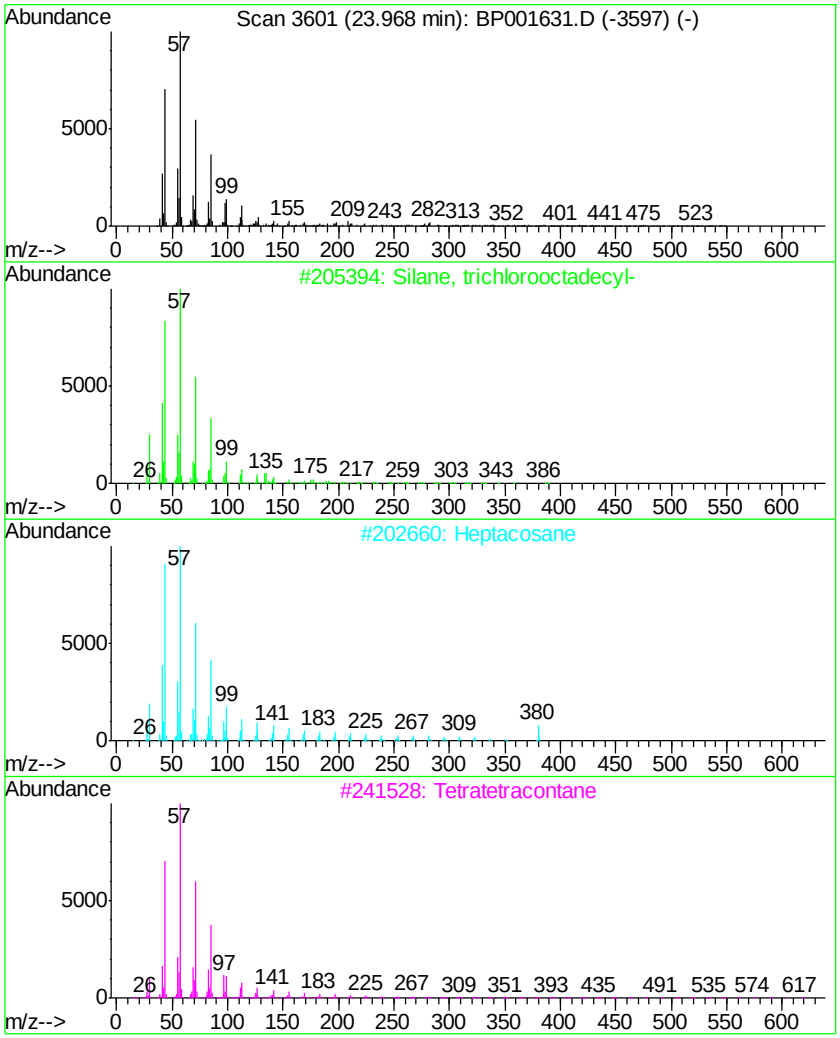
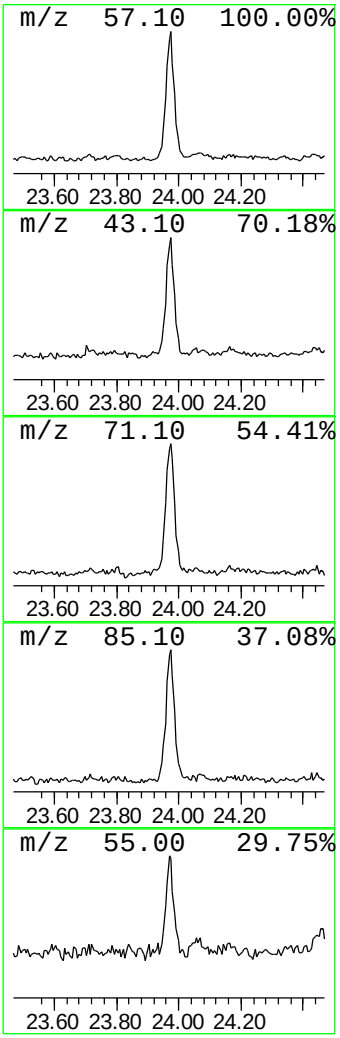
Peak Number 20 Silane, trichlorooctadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	8.49 ng	199587	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Behenyl chloride	344	C22H45Cl	042217-03-8	87
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-RO-258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
2-Pentanone, 4-hy...	4.79	3.5	ng	46028	1	7.63	260661	20.0
unknown7.17	7.17	16.7	ng	217133	1	7.63	260661	20.0
Hexadecane	16.04	3.2	ng	79413	4	17.03	493865	20.0
10-Methylnonadecane	16.83	2.7	ng	67161	4	17.03	493865	20.0
Nonadecane	17.58	2.6	ng	65182	4	17.03	493865	20.0
Hexadecanoic acid...	17.75	34.2	ng	845352	4	17.03	493865	20.0
n-Hexadecanoic acid	17.97	10.5	ng	259601	4	17.03	493865	20.0
Eicosane	18.26	3.6	ng	89247	4	17.03	493865	20.0
9,12-Octadecadien...	18.86	177.0	ng	4371560	4	17.03	493865	20.0
13-Octadecenoic a...	18.89	158.7	ng	3918880	4	17.03	493865	20.0
Methyl stearate	19.02	22.7	ng	559491	4	17.03	493865	20.0
9,12-Octadecadien...	19.07	13.3	ng	327732	4	17.03	493865	20.0
cis-10-Nonadeceno...	19.10	23.1	ng	615418	5	21.14	532970	20.0
3-Eicosene, (E)-	20.89	3.9	ng	102592	5	21.14	532970	20.0
2-Bromo dodecane	21.76	4.9	ng	130900	5	21.14	532970	20.0
Heptadecane, 9-oc...	22.23	4.8	ng	128263	5	21.14	532970	20.0
Tetracosane	22.74	7.7	ng	180350	6	23.37	470229	20.0
Eicosane, 9-octyl-	23.32	7.7	ng	182059	6	23.37	470229	20.0
Silane, trichloro...	23.97	8.5	ng	199587	6	23.37	470229	20.0