LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

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-BP071020.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	5.187	385	391	409	rBV	495491	783938	3.25%	0.914%
2	6.764	653	659	676	rBV	477962	845163	3.51%	0.986%
3	7.558	786	794	806	rBV	765989	1224399	5.08%	1.428%
4	8.705	975	989	1003	rBV	301914	575255	2.39%	0.671%
5	10.328	1256	1265	1282	rBV	1019569	1772698	7.36%	2.067%
6	12.822	1683	1689	1700	rBV	789724	1172152	4.87%	1.367%
7	14.210	1918	1925	1937	rBV	1524402	2234255	9.27%	2.605%
8	15.716	2175	2181	2190	rBV	547142	816723	3.39%	0.952%
9	16.969	2386	2394	2405	rBV	1701291	2553006	10.60%	2.977%
10	17.545	2488	2492	2499	rVB	311907	401592	1.67%	0.468%
11	17.681	2509	2515	2520	rBV	7497905	11125164	46.18%	12.973%
12	17.910	2549	2554	2567	rBV2	213728	431565	1.79%	0.503%
13	18.186	2595	2601	2603	rBV3	144565	243449	1.01%	0.284%
14	18.345	2624	2628	2632	rVB	224526	249760	1.04%	0.291%
15	18.810	2698	2707	2709	rBV	10439001	24091907	100.00%	28.094%
16	18.845	2709	2713	2720	rVV3	9486698	17843556	74.06%	20.808%
17	18.904	2720	2723	2726	rVV	426538	489808	2.03%	0.571%
18	18.957	2726	2732	2736	rVB	4903762	6278898	26.06%	7.322%
19	19.304	2785	2791	2797	rBV3	300347	552008	2.29%	0.644%
20	19.563	2829	2835	2839	rVV	1252329	1690137	7.02%	1.971%
21	19.610	2839	2843	2846	rBV	198539	260048	1.08%	0.303%
22	19.822	2875	2879	2880	rBV	419343	513260	2.13%	0.599%
23	19.839	2880	2882	2886	rVV3	508785	590486	2.45%	0.689%
24	19.886	2886	2890	2891	rVV	278610	363903	1.51%	0.424%
25	19.910	2891	2894	2903	rVB	695777	988433	4.10%	1.153%
26	20.022	2909	2913	2916	rBV	752468	894386	3.71%	1.043%
27	20.051	2916	2918	2924	rVB3	217777	311428	1.29%	0.363%
28	20.110	2925	2928	2935	rBV2	199838	286925	1.19%	0.335%
29	20.175	2935	2939	2945	rBV2	283730	469194	1.95%	0.547%
30	20.622	3009	3015	3020	rVB3	489449	930654	3.86%	1.085%
31	20.816	3045	3048	3058	rVB	228121	300484	1.25%	0.350%
32	20.945	3067	3070	3076	rBV	691215	719070	2.98%	0.839%
33	21.080	3088	3093	3102	rBV	1641413	2029196	8.42%	2.366%
34	23.274	3461	3466	3473	rVB2	959125	1721558	7.15%	2.008%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 85754458

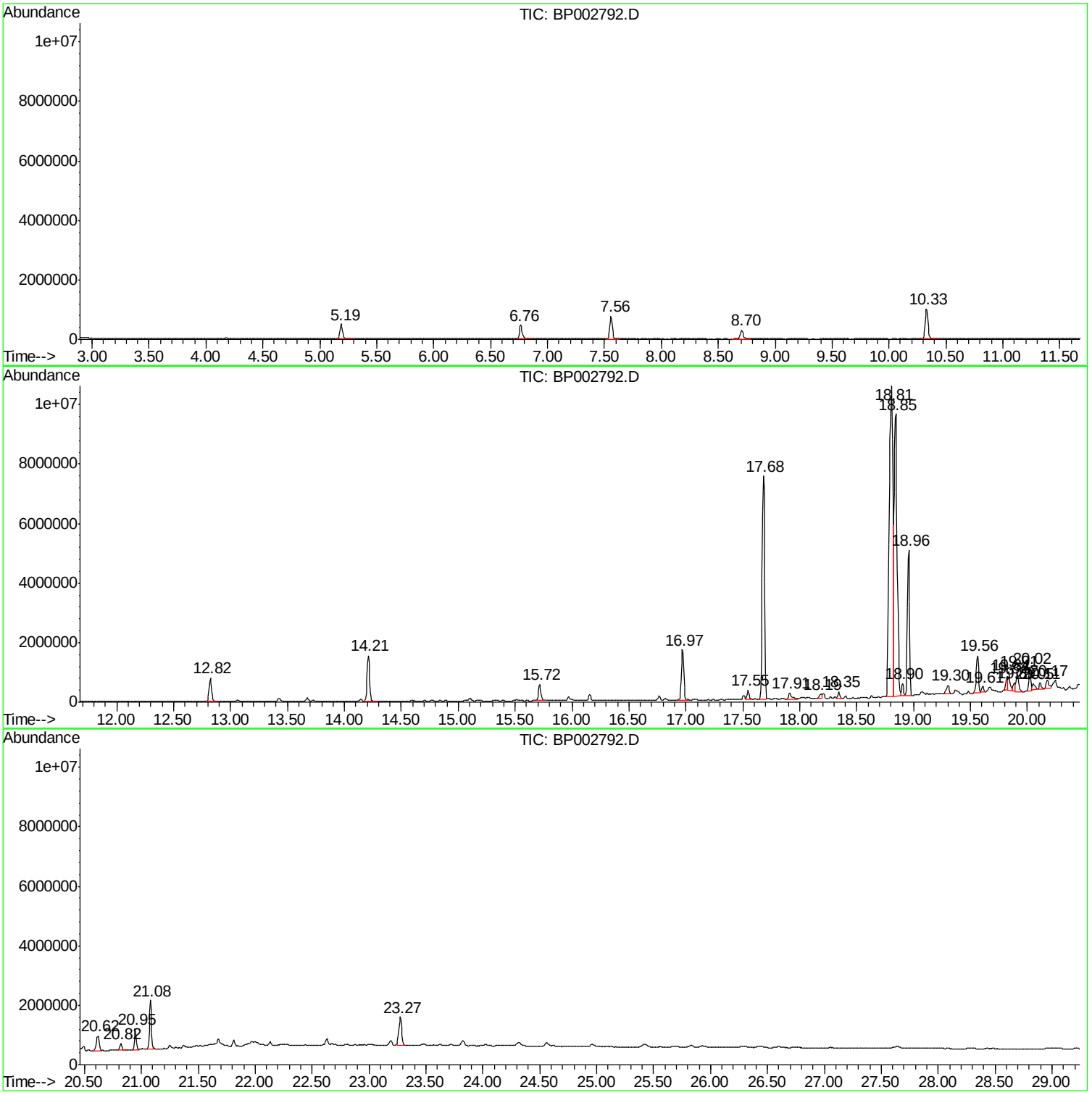
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

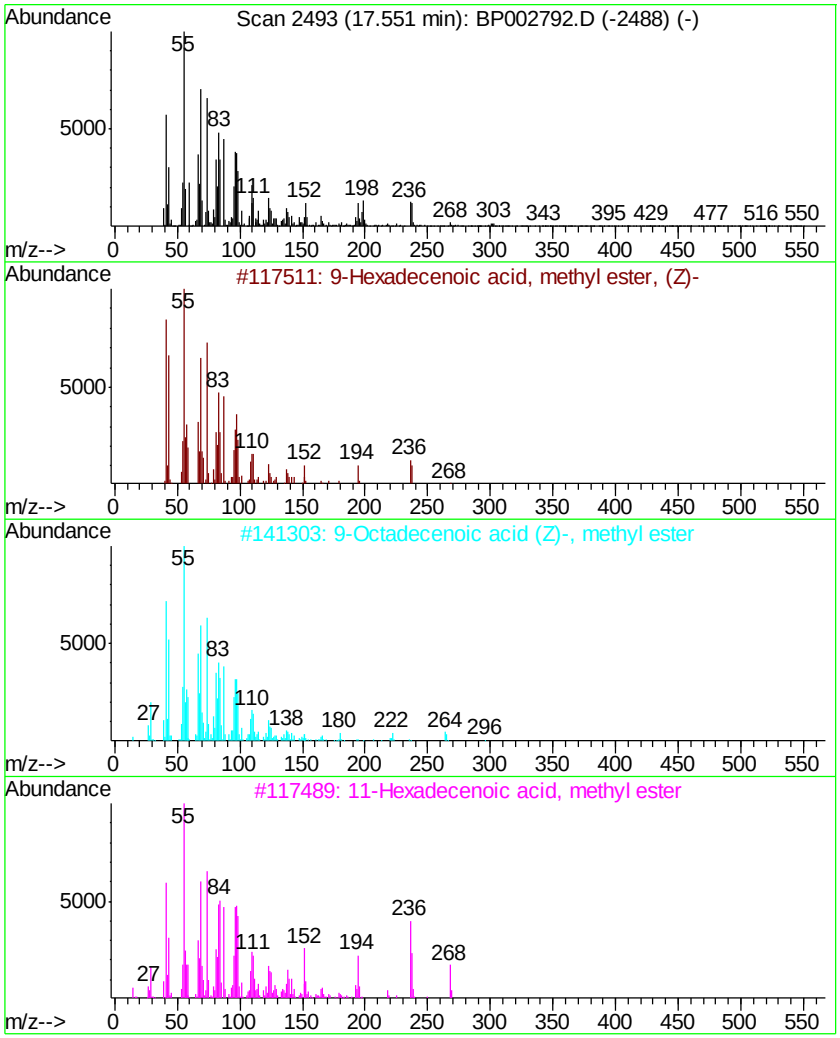
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

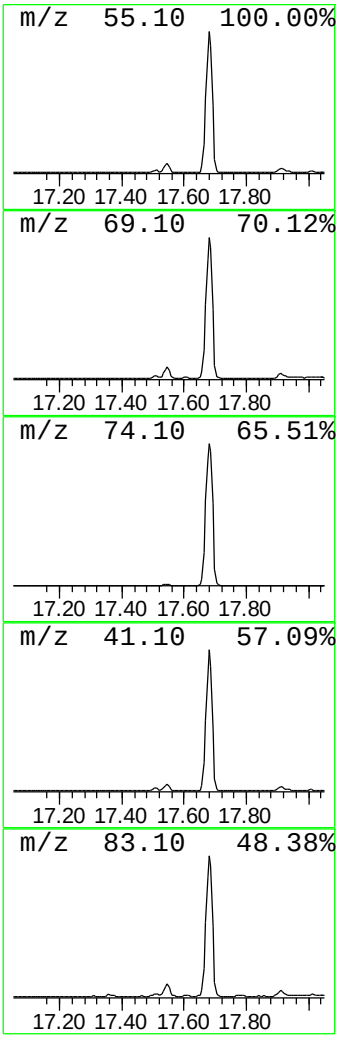
****

Peak Number 1 9-Hexadecenoic acid, methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	3.15 ng	401592	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	91
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

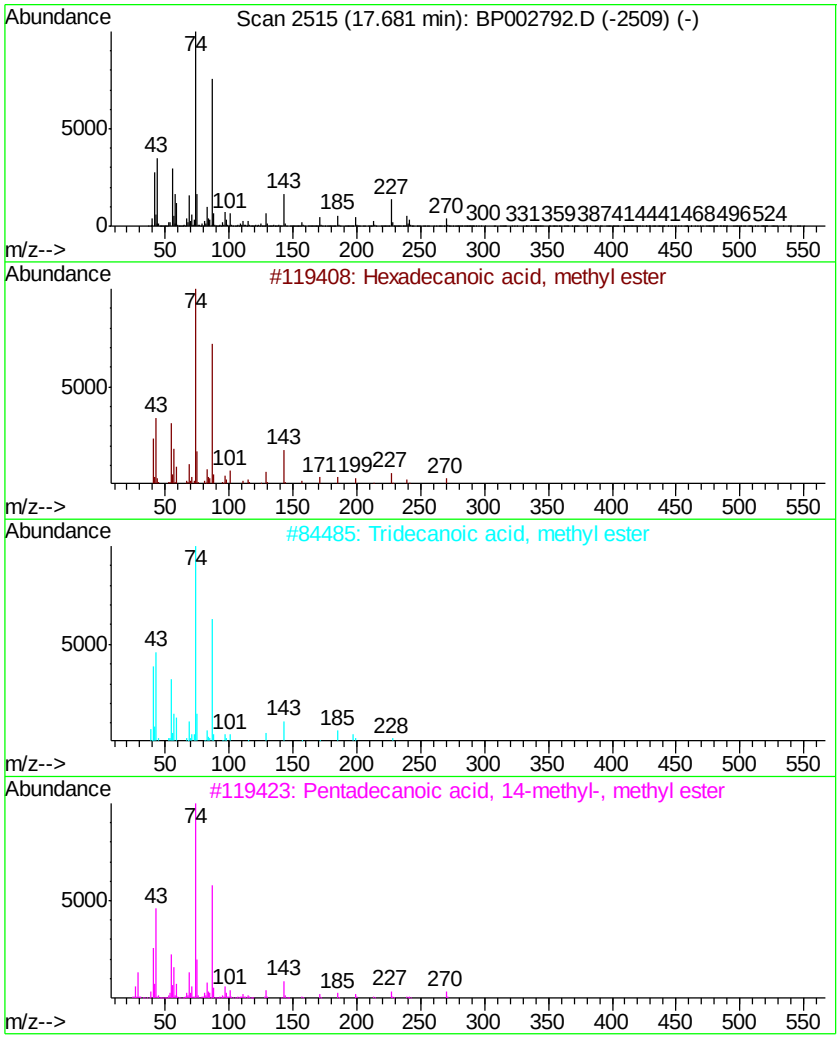
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

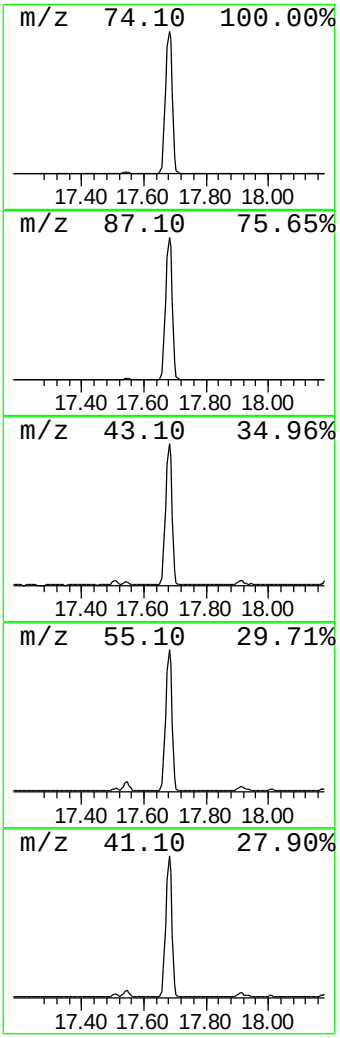
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	87.15 ng	11125200	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

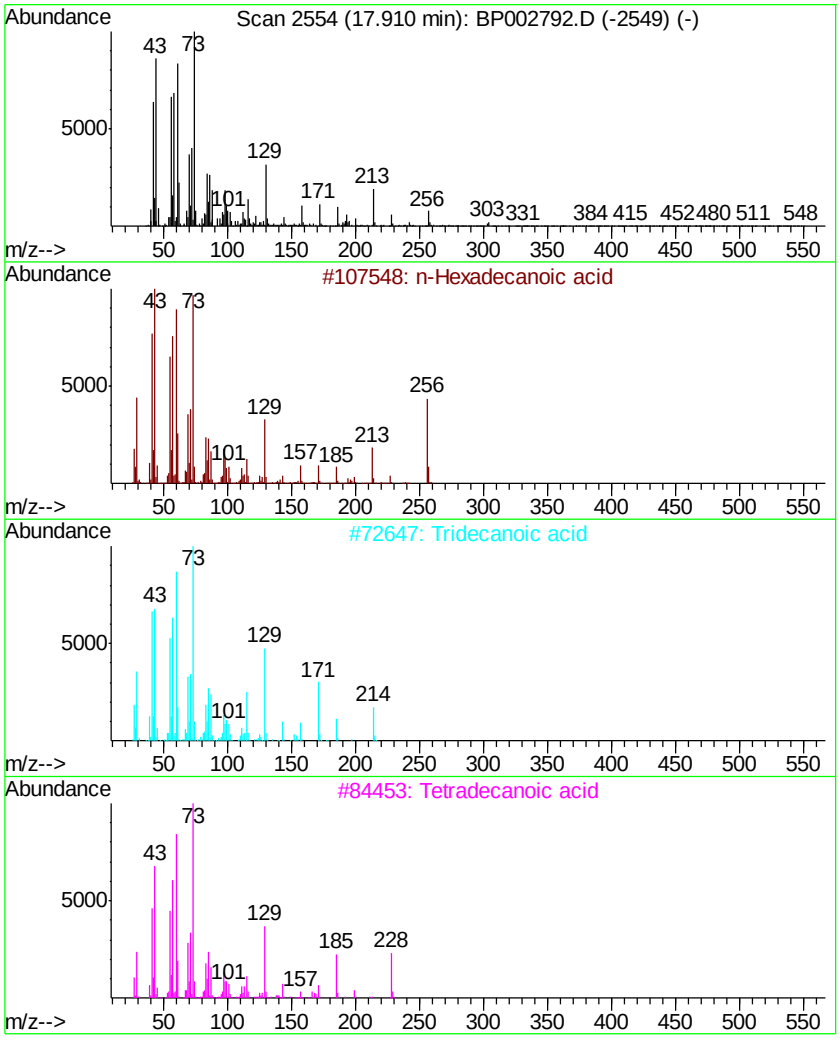
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

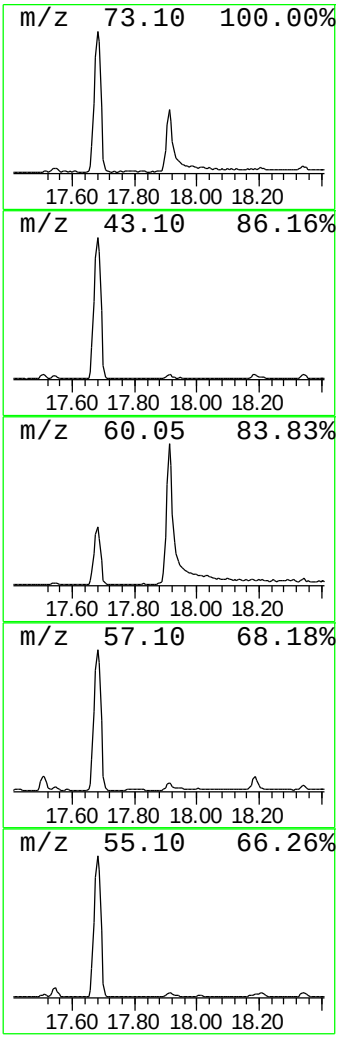
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.38 ng	431565	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

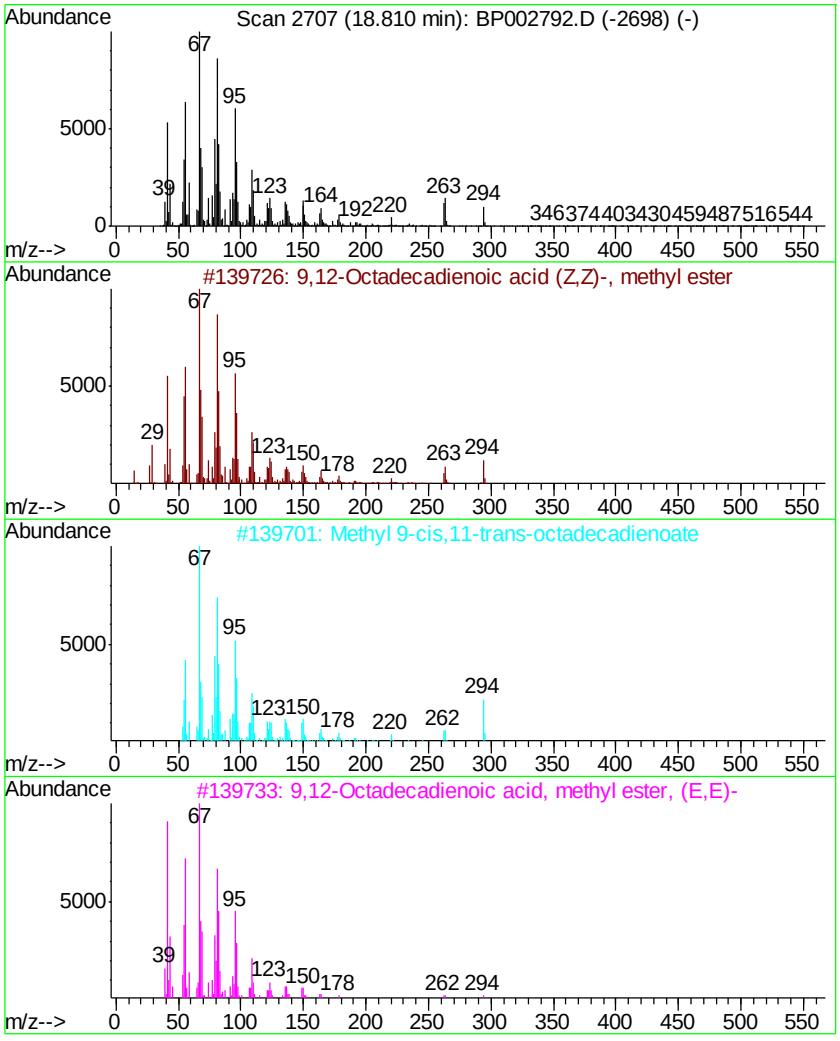
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

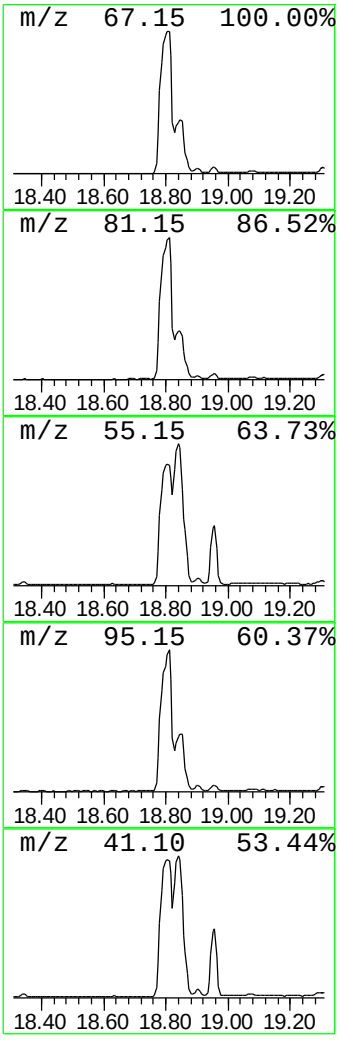
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	188.73 ng	24091900	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

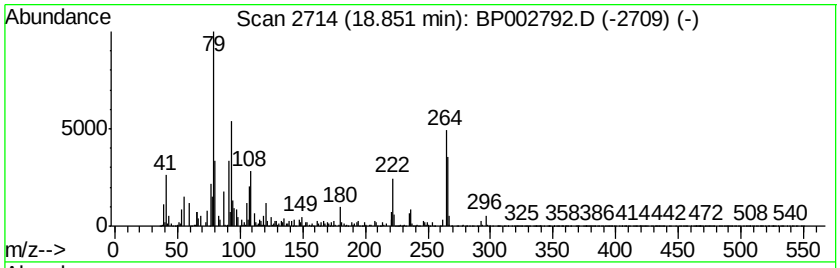
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

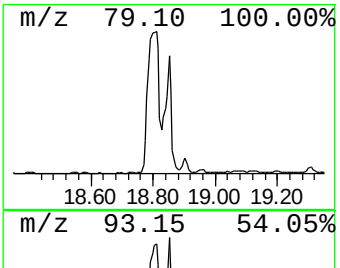
****

Peak Number 5 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	139.79 ng	17843600	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	86
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	86
3	Decyl oleate	422	C28H54O2	003687-46-5	78
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	78
5	9-Octadecenoic acid (Z)-, hexade...	507	C34H66O2	022393-86-8	78





Library Search Compound Report

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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

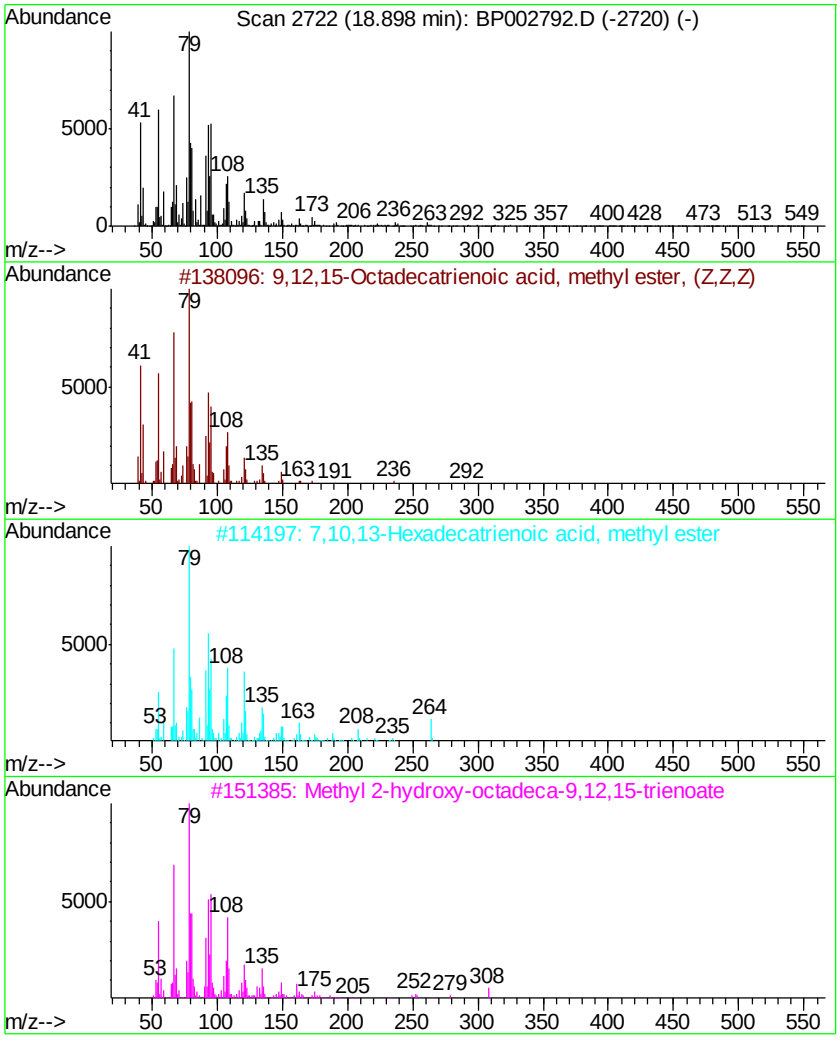
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

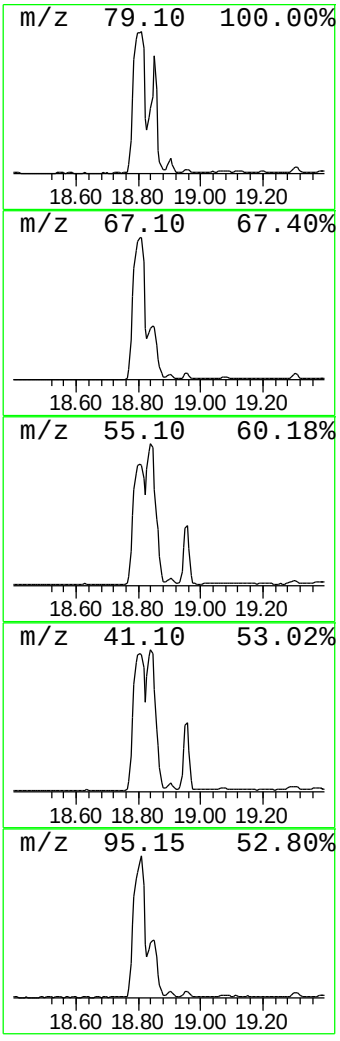
****

Peak Number 6 9,12,15-Octadecatrienoic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.84 ng	489808	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	99
2	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	94
3	Methyl 2-hydroxy-octadeca-9,12,1...	308	C19H32O3	1000336-39-1	90
4	Methyl 8,11,14-heptadecatrienoate	278	C18H30O2	1000336-35-1	90
5	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

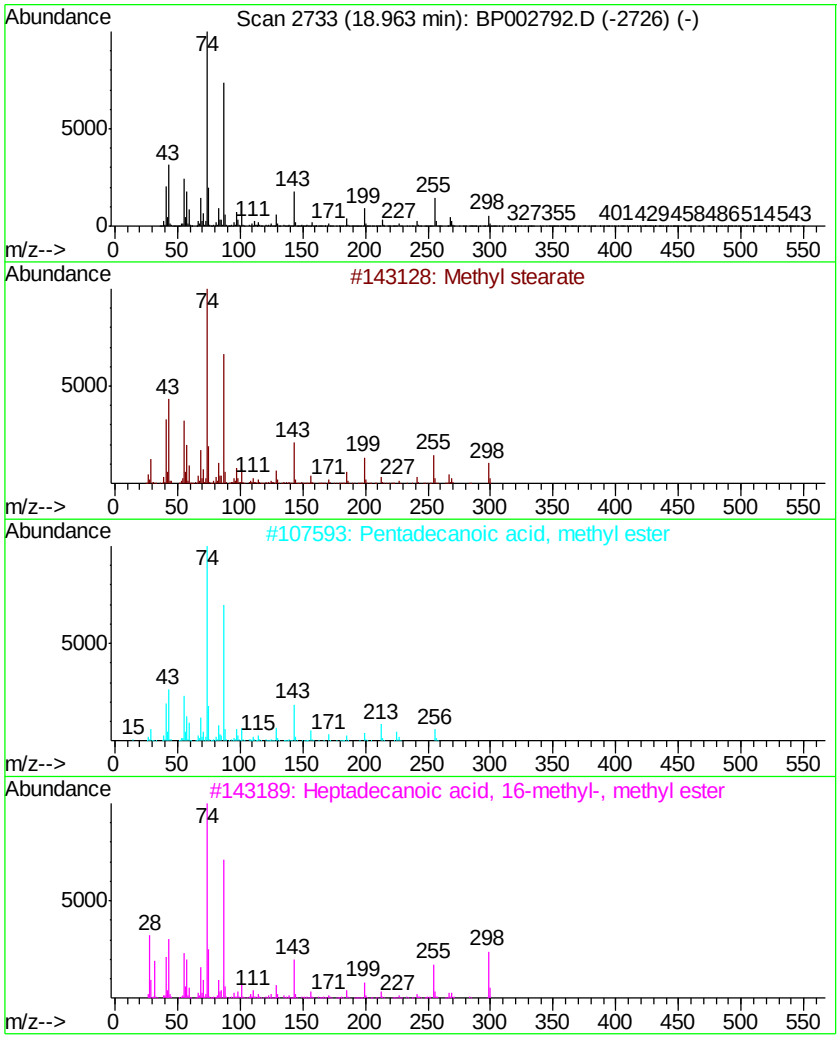
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

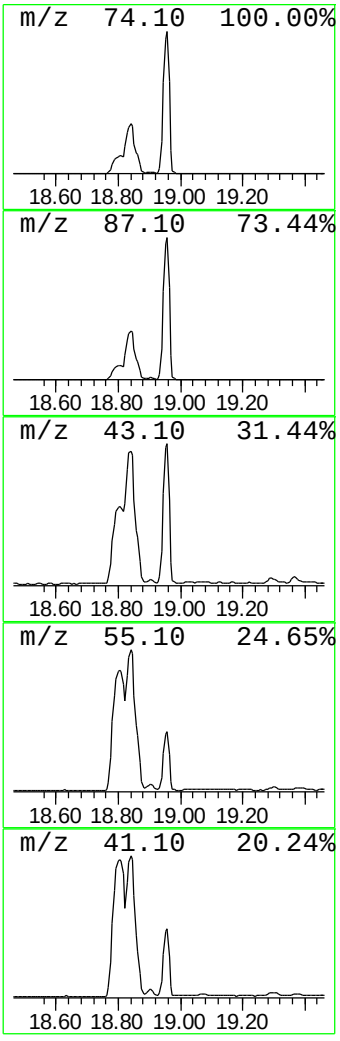
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	49.19 ng	6278900	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

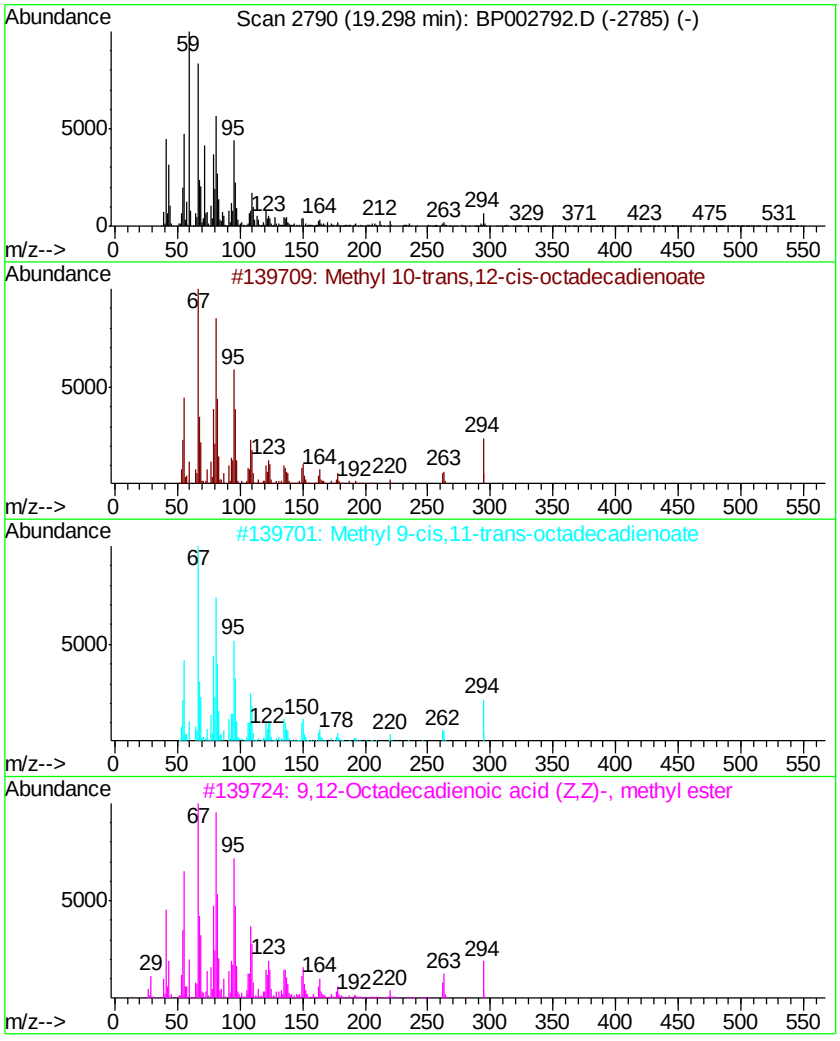
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

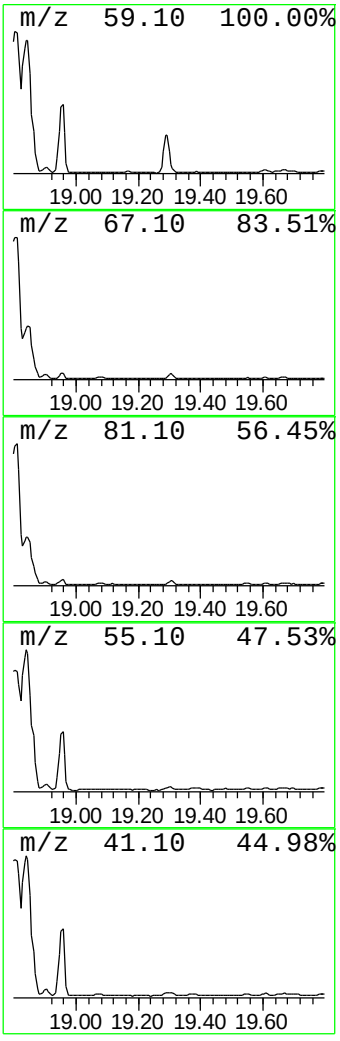
****

Peak Number 8 Methyl 10-trans,12-cis-octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	5.44 ng	552008	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	92
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

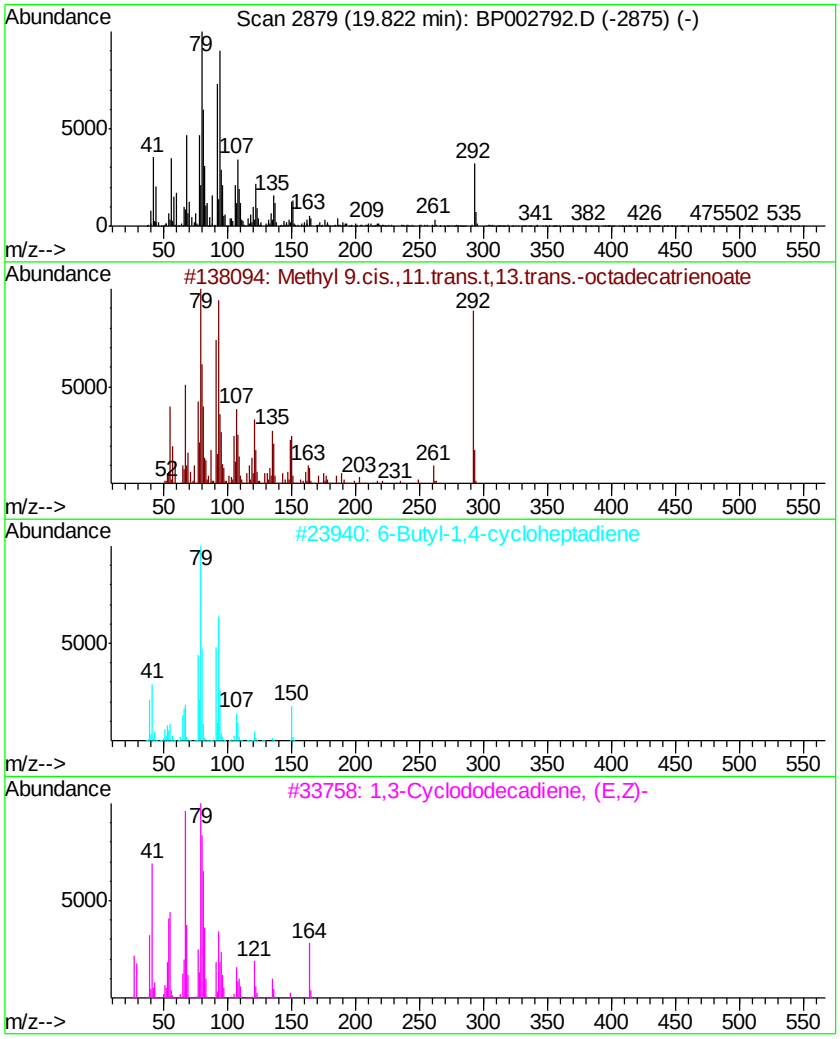
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

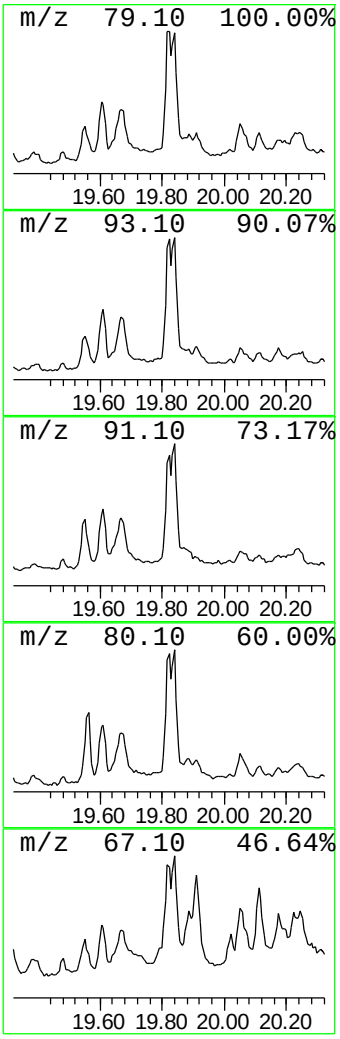
****

Peak Number 9 Methyl 9.cis.,11.trans.t,13... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	5.06 ng	513260	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	99
2	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	64
3	1,3-Cyclododecadiene, (E,Z)-	164	C12H20	001129-92-6	55
4	Camphene	136	C10H16	000079-92-5	53
5	Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	52





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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

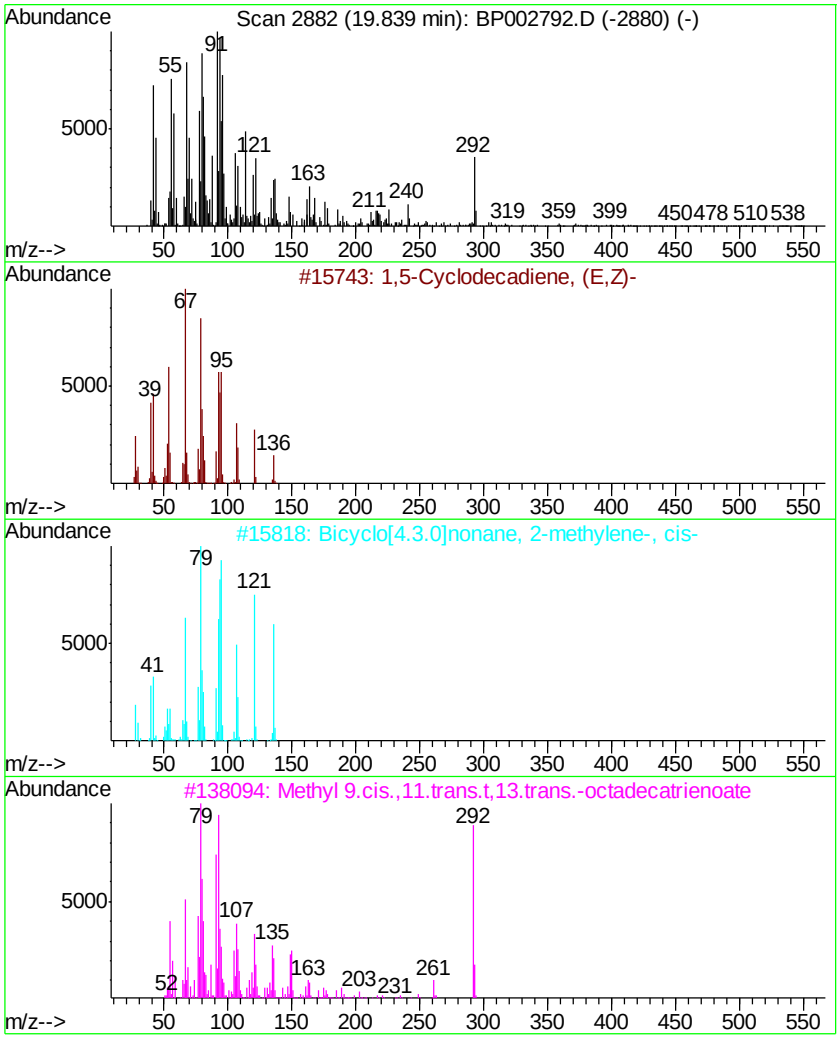
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

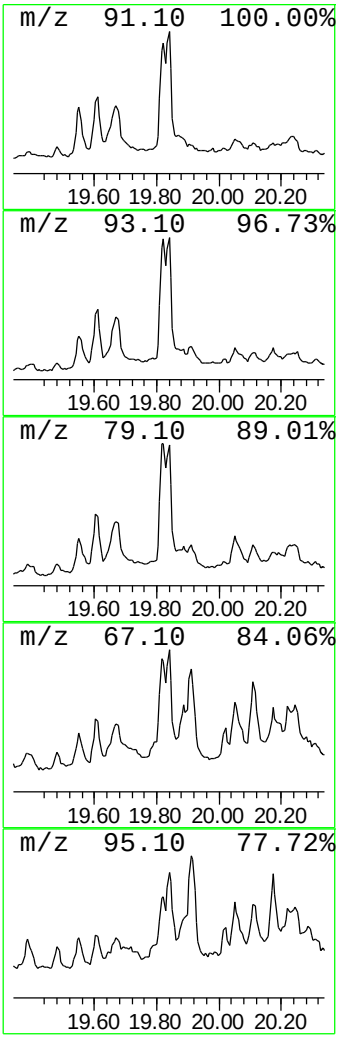
****

Peak Number 10 1,5-Cyclodecadiene, (E,Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	5.82 ng	590486	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	74
2	Bicyclo[4.3.0]nonane, 2-methylen...	136	C10H16	040954-37-8	62
3	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	46
4	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	43
5	8,11,14-Eicosatrienoic acid, (Z,...	306	C20H34O2	001783-84-2	38





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Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

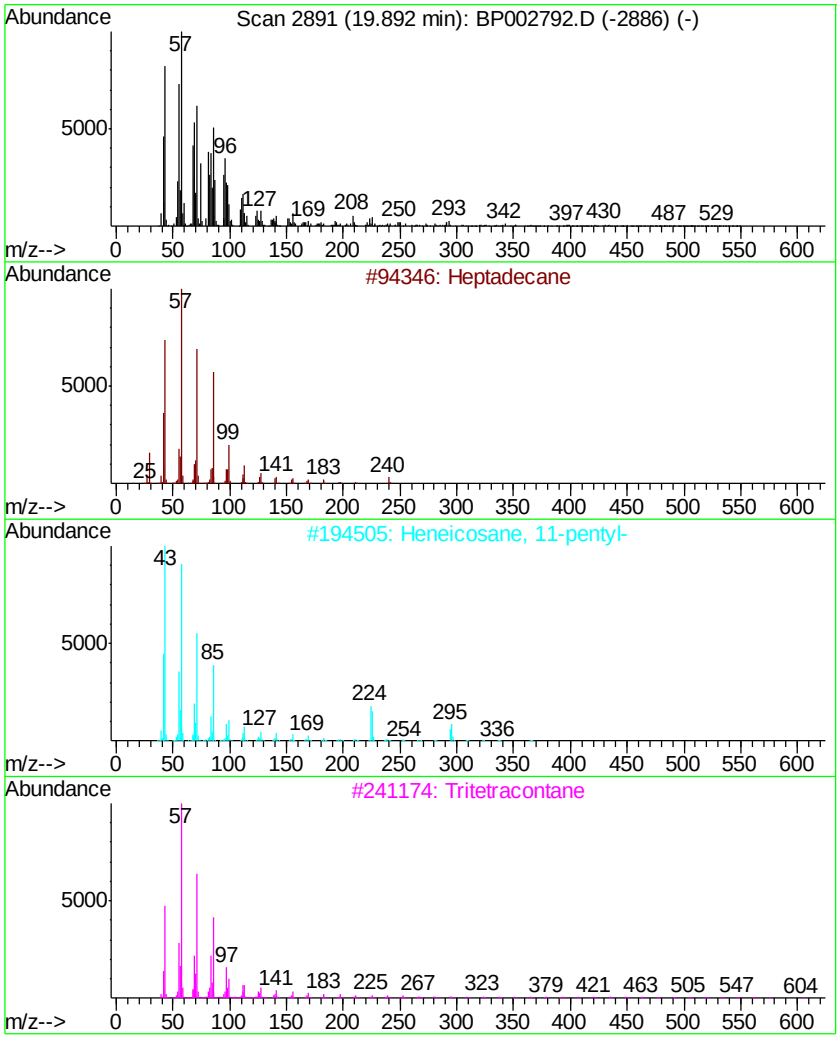
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

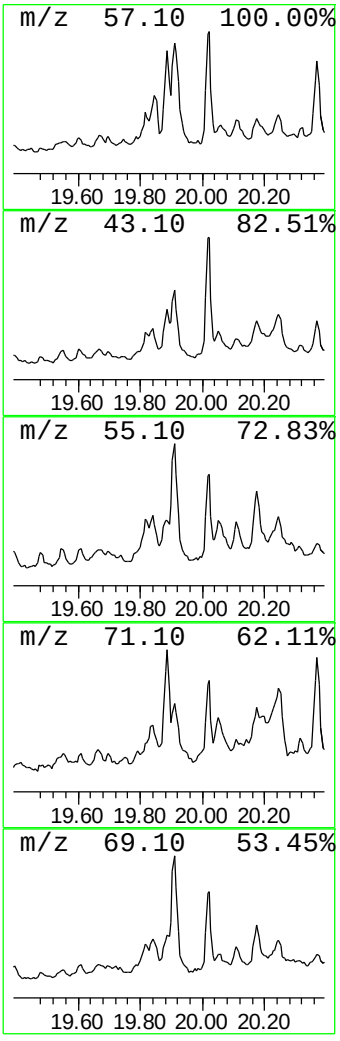
****

Peak Number 11 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.59 ng	363903	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	78
3	Tritetracontane	605	C43H88	007098-21-7	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	60





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Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

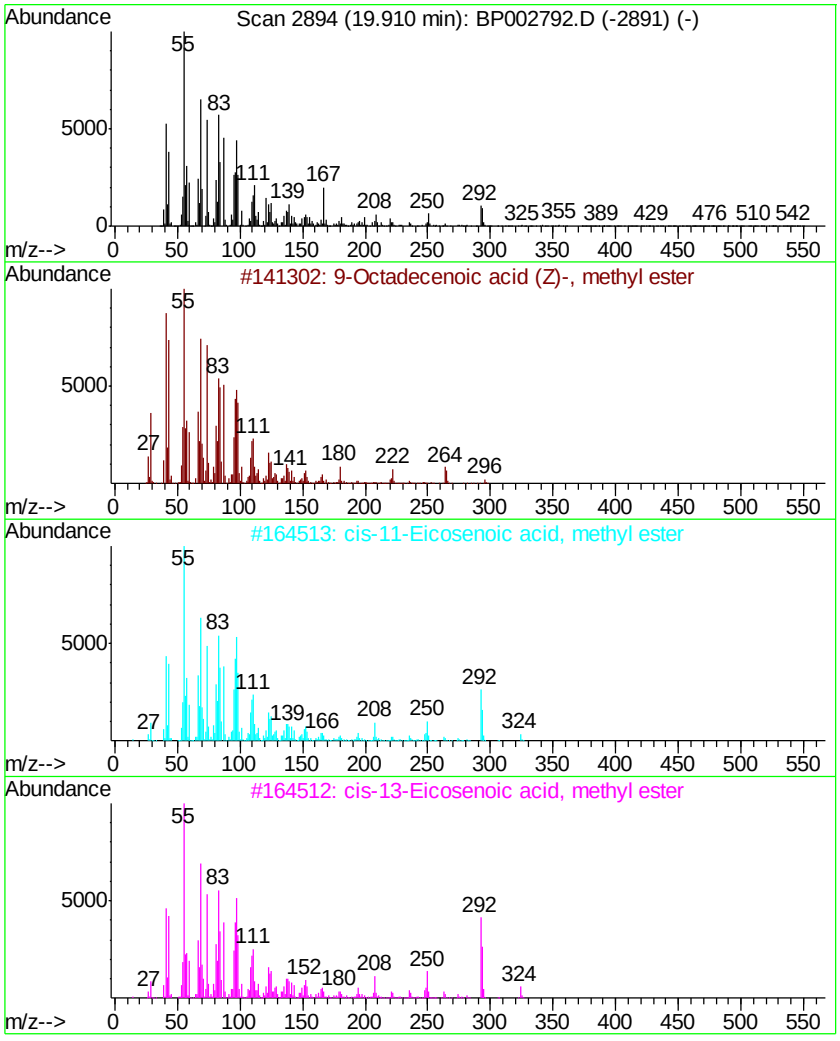
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

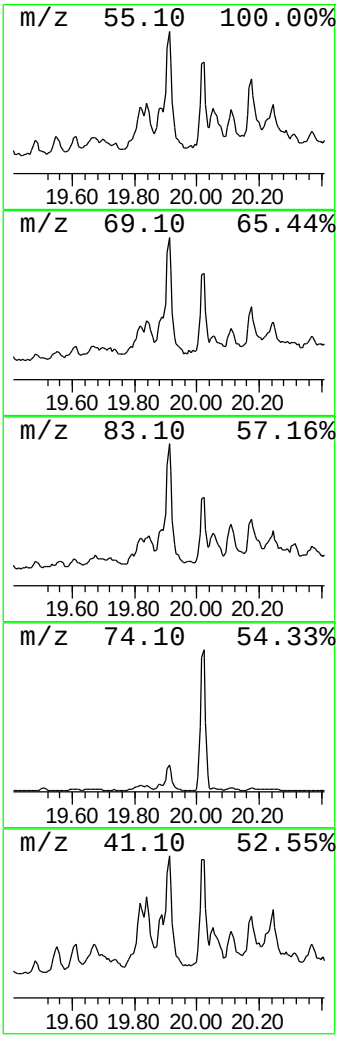
****

Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	9.74 ng	988433	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	76
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	76
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	76
4	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	74
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	72





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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

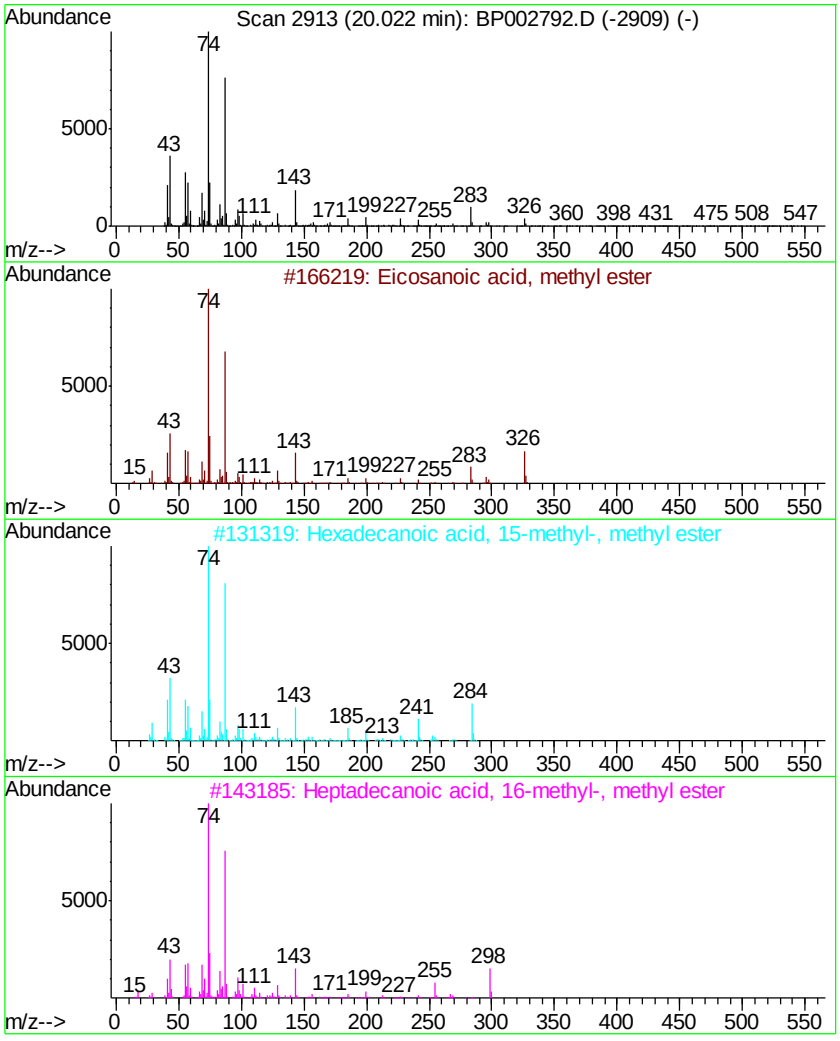
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

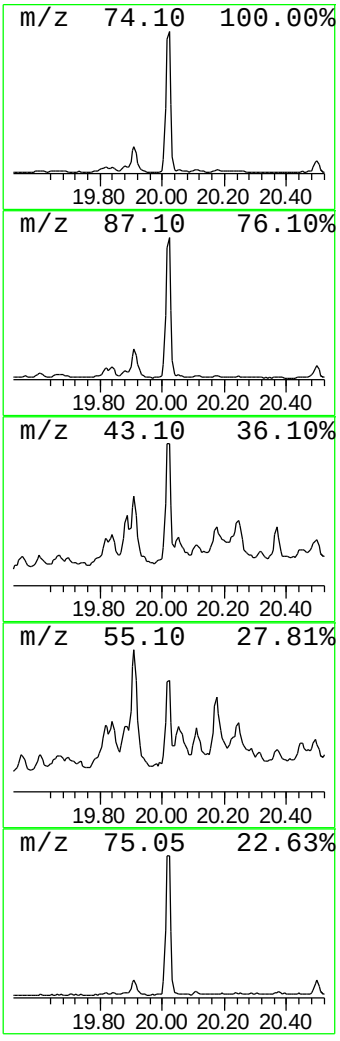
****

Peak Number 13 Eicosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	8.82 ng	894386	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91





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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

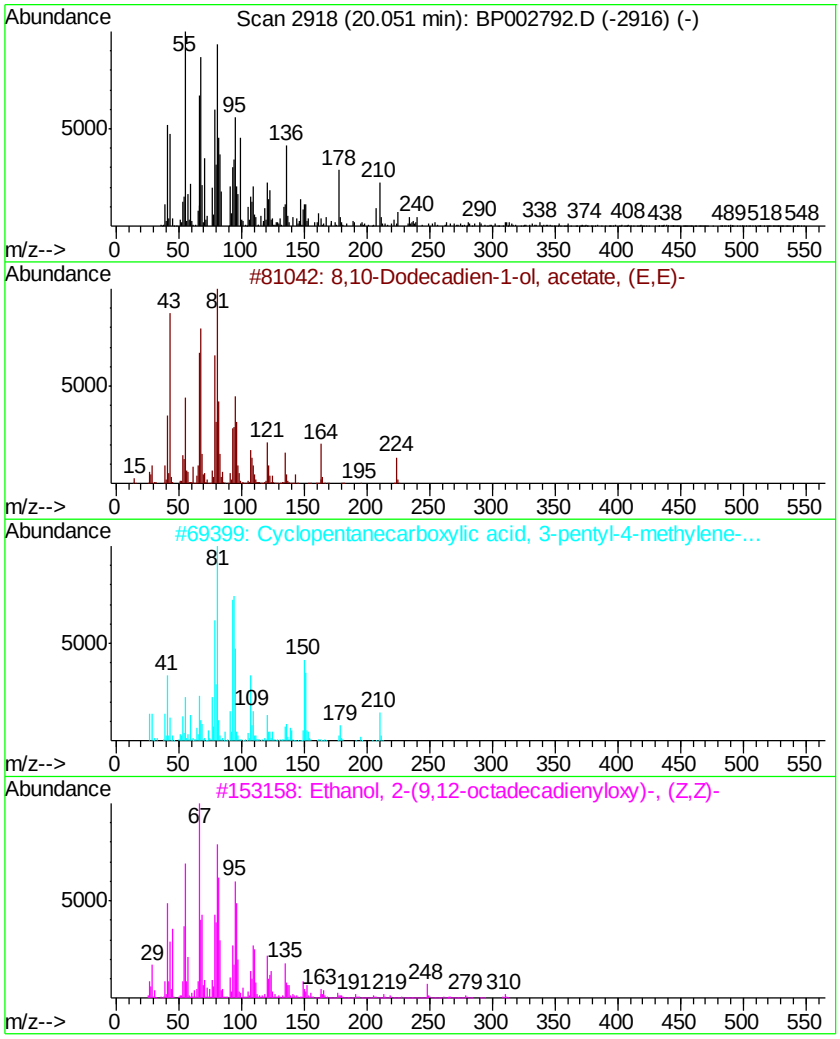
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

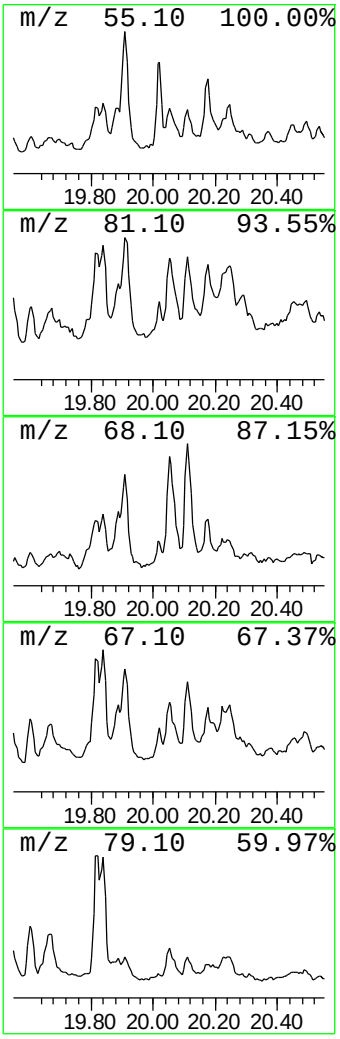
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 8,10-Dodecadien-1-ol, aceta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.07 ng	311428	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,10-Dodecadien-1-ol, acetate, (...	224	C14H24O2	053880-51-6	53
2	Cyclopentanecarboxylic acid, 3-p...	210	C13H22O2	1000154-24-9	47
3	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	44
4	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	40
5	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

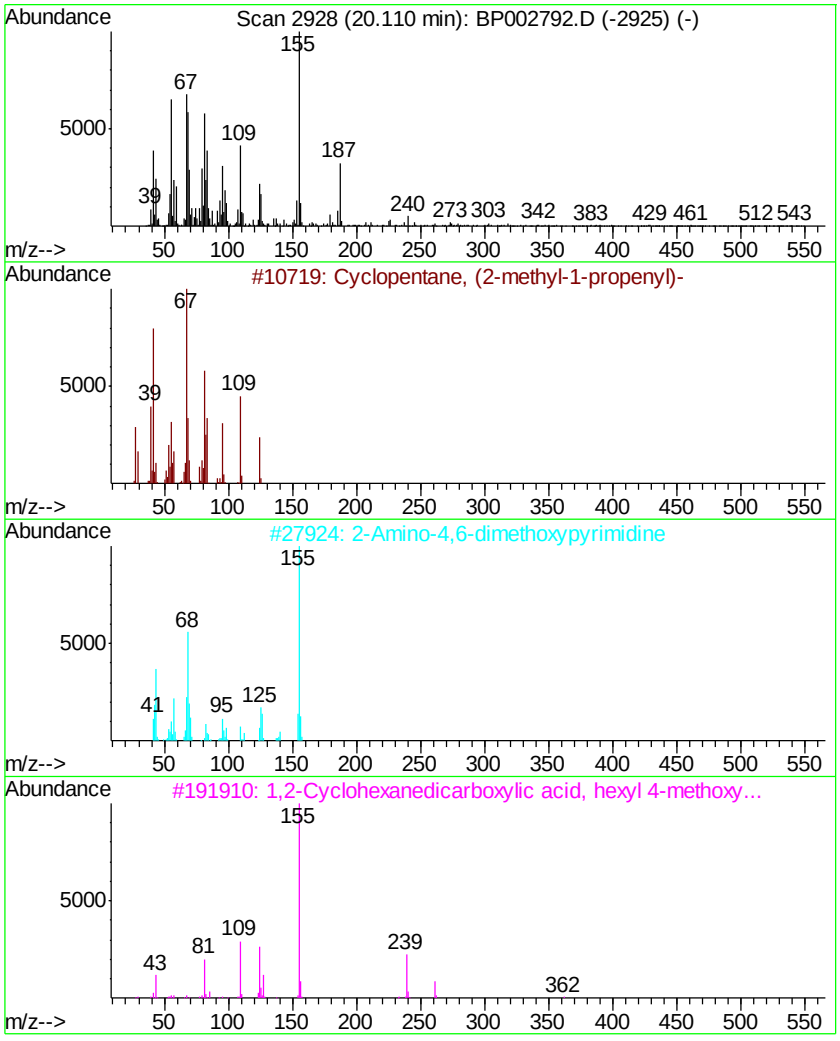
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

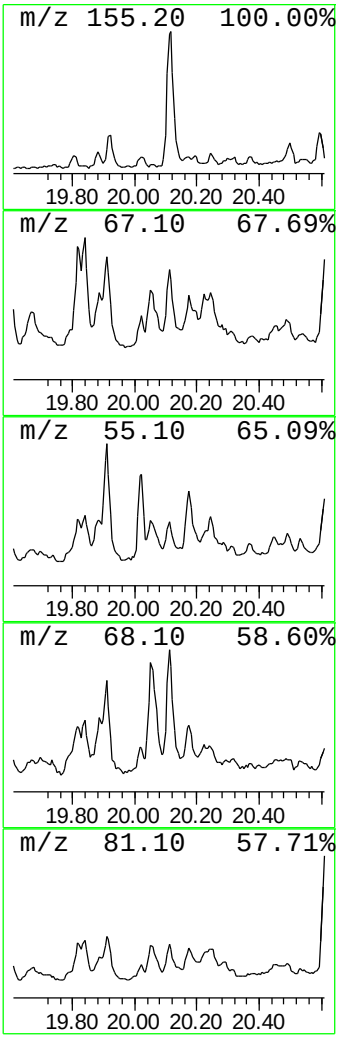
****

Peak Number 15 Cyclopentane, (2-methyl-1-p... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.83 ng	286925	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	55
2	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	38
3	1,2-Cyclohexanedicarboxylic acid...	362	C21H30O5	1000339-67-1	27
4	1,2-Cyclohexanedicarboxylic acid...	322	C18H23FO4	1000339-78-1	27
5	Propenoic acid, 2-cyano-3-[2-(4-...	318	C14H14N4O5	304464-63-9	27





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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

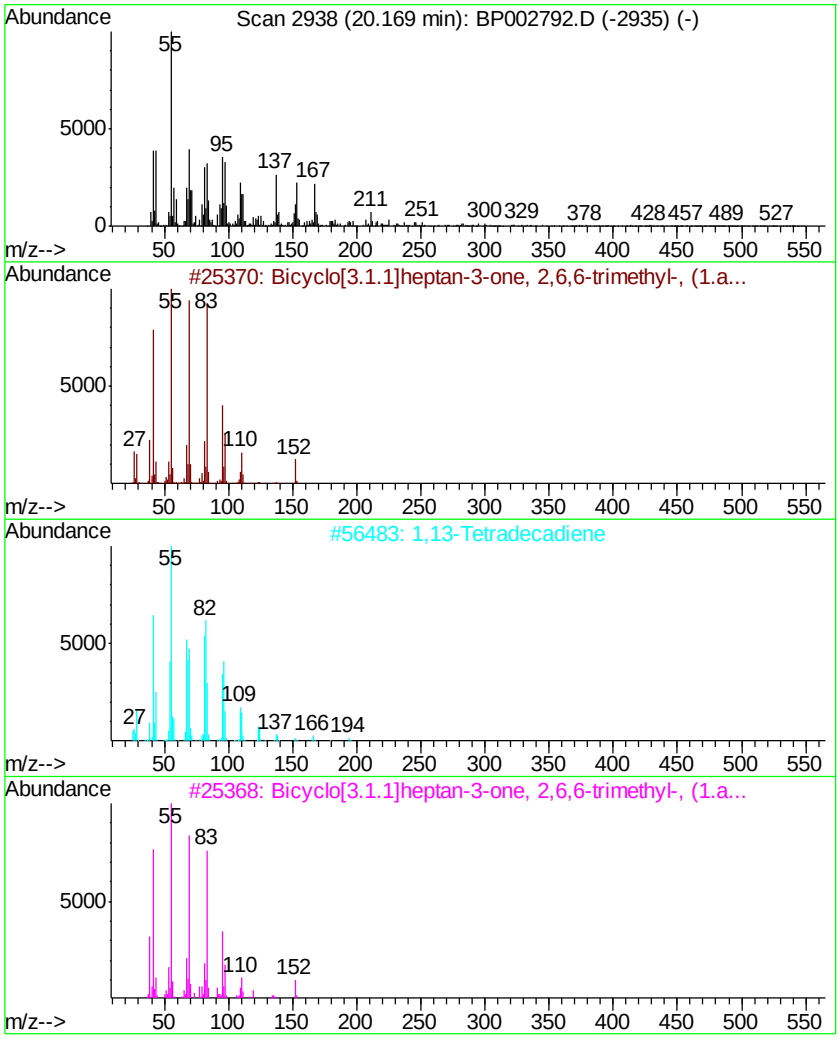
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

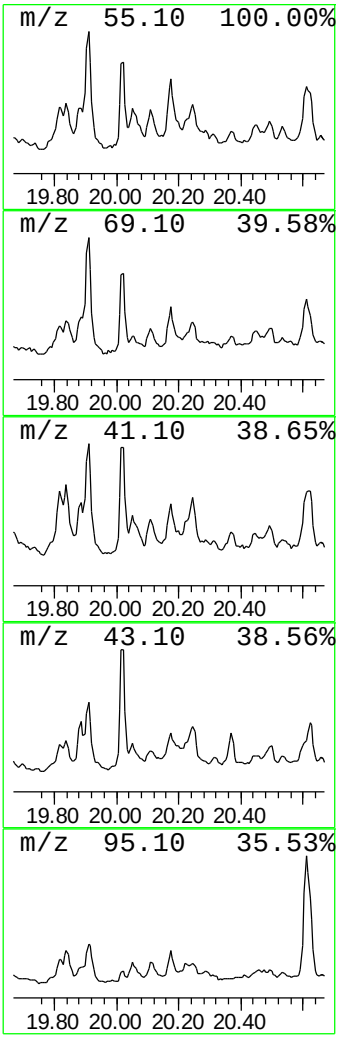
****

Peak Number 16 unknown20.17 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	4.62 ng	469194	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
2	1,13-Tetradecadiene	194	C14H26	021964-49-8	35
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
4	Cyclohexane, 1,1'-dodecylidenebi...	362	C26H50	055334-09-3	14
5	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	14





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Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

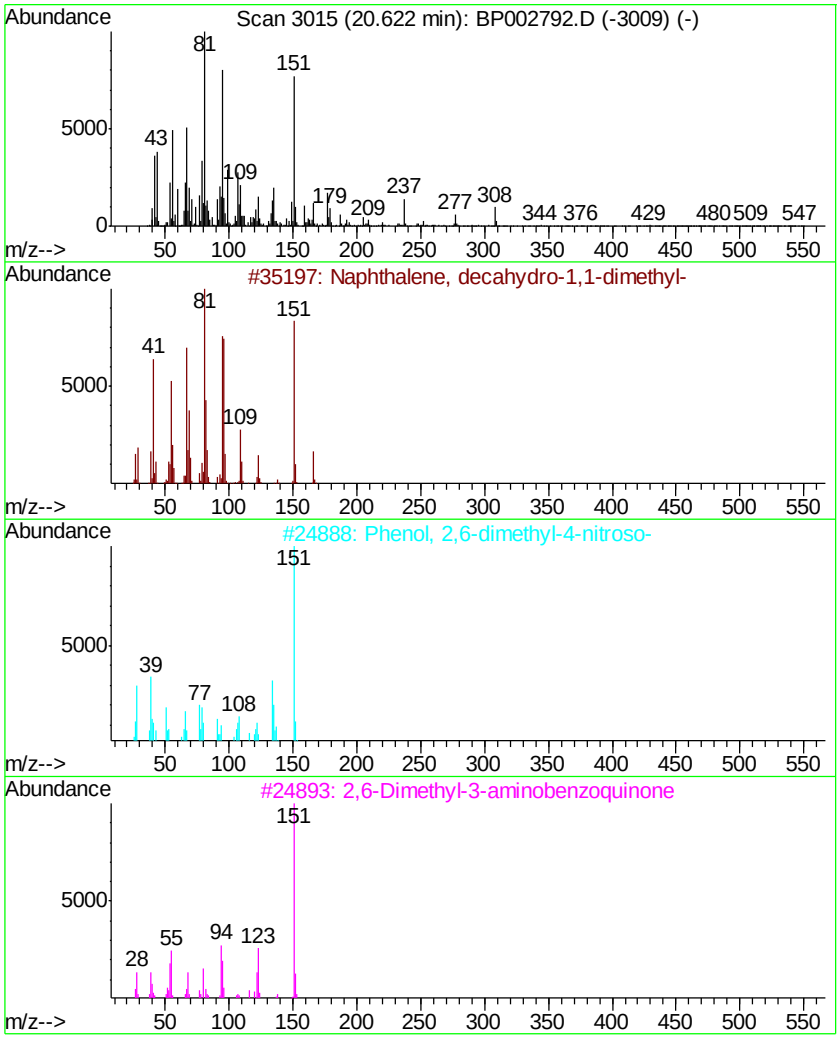
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

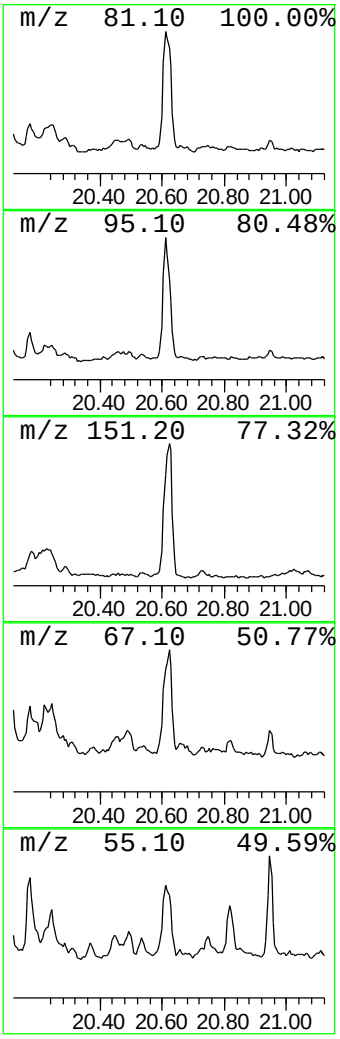
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, decahydro-1,1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	9.17 ng	930654	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	60
2	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	15
3	2,6-Dimethyl-3-aminobenzoquinone	151	C8H9NO2	090005-56-4	15
4	Benzeneacetic acid, 3,4-dimethox...	210	C11H14O4	015964-79-1	15
5	1,4-Benzenedimethanol, .alpha.,....	166	C10H14O2	006781-43-7	11





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Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

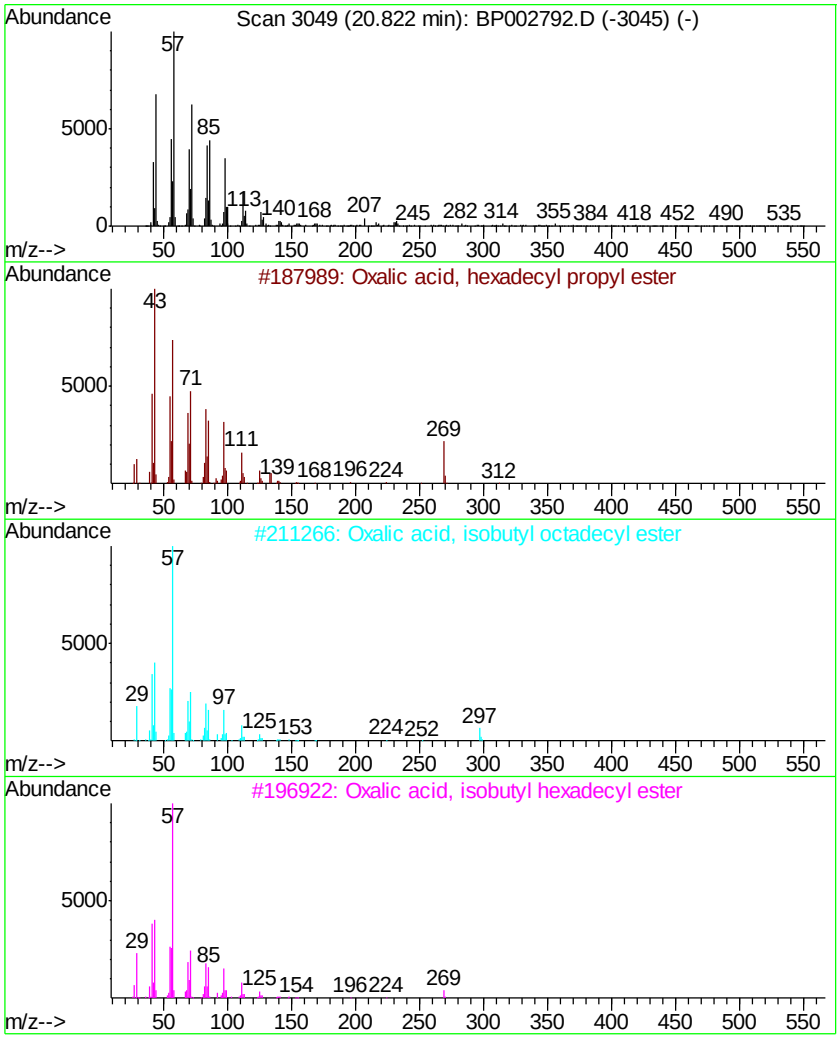
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

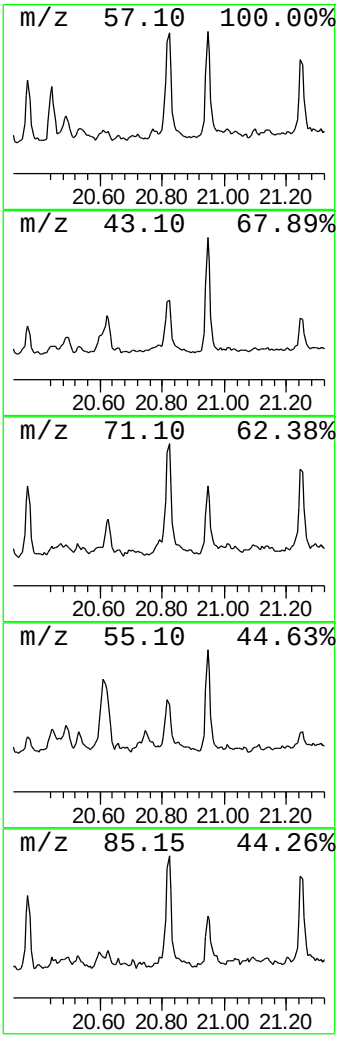
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Oxalic acid, hexadecyl prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.96 ng	300484	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76





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Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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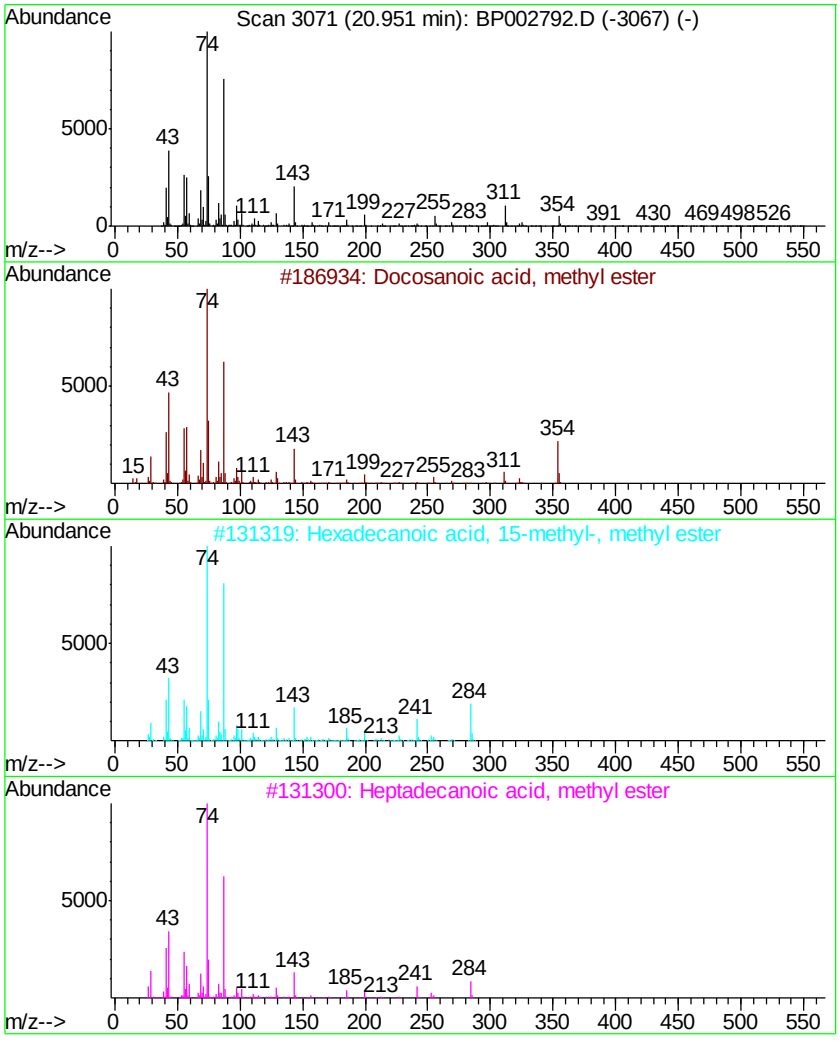
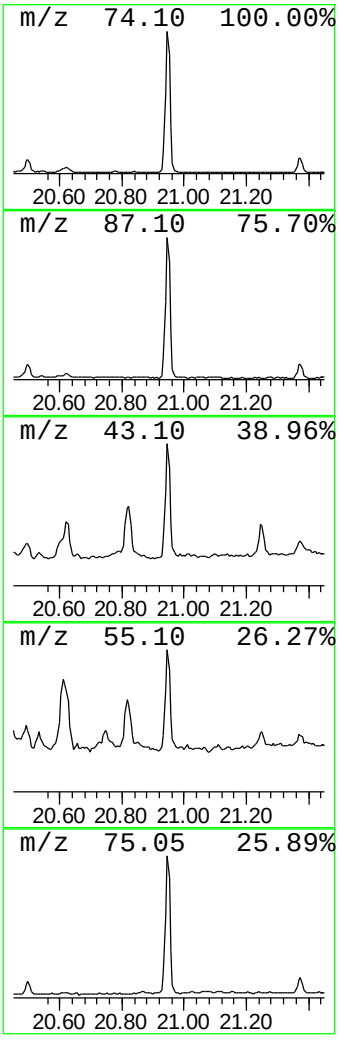
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	7.09 ng	719070	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071720\
Data File : BP002792.D
Acq On : 17 Jul 2020 15:11
Operator : CG/JU
Sample : L3188-13 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-071620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
9-Hexadecenoic ac...	17.55	3.1	ng	401592	4	16.97	2553010	20.0
Hexadecanoic acid...	17.68	87.2	ng	11125200	4	16.97	2553010	20.0
n-Hexadecanoic acid	17.91	3.4	ng	431565	4	16.97	2553010	20.0
9,12-Octadecadien...	18.81	188.7	ng	24091900	4	16.97	2553010	20.0
11-Octadecenoic a...	18.85	139.8	ng	17843600	4	16.97	2553010	20.0
9,12,15-Octadecat...	18.90	3.8	ng	489808	4	16.97	2553010	20.0
Methyl stearate	18.96	49.2	ng	6278900	4	16.97	2553010	20.0
Methyl 10-trans,1...	19.30	5.4	ng	552008	5	21.08	2029200	20.0
Methyl 9.cis.,11....	19.82	5.1	ng	513260	5	21.08	2029200	20.0
1,5-Cyclodecadien...	19.84	5.8	ng	590486	5	21.08	2029200	20.0
Heptadecane	19.89	3.6	ng	363903	5	21.08	2029200	20.0
9-Octadecenoic ac...	19.91	9.7	ng	988433	5	21.08	2029200	20.0
Eicosanoic acid, ...	20.02	8.8	ng	894386	5	21.08	2029200	20.0
8,10-Dodecadien-1...	20.05	3.1	ng	311428	5	21.08	2029200	20.0
Cyclopentane, (2-...	20.11	2.8	ng	286925	5	21.08	2029200	20.0
unknown20.17	20.17	4.6	ng	469194	5	21.08	2029200	20.0
Naphthalene, deca...	20.62	9.2	ng	930654	5	21.08	2029200	20.0
Oxalic acid, hexa...	20.82	3.0	ng	300484	5	21.08	2029200	20.0
Docosanoic acid, ...	20.95	7.1	ng	719070	5	21.08	2029200	20.0