LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127212.D
Acq On : 04 Mar 2022 20:35
Operator : CG\JU
Sample : N1785-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-030322

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_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.498	713	716	724	rBV	464793	434254	1.61%	0.796%
2	6.875	776	780	784	rBV	863734	687852	2.55%	1.260%
3	7.440	872	876	878	rBV	369442	326975	1.21%	0.599%
4	8.163	995	999	1001	rVV	992882	968841	3.60%	1.775%
5	9.234	1177	1181	1184	rBV	745488	556049	2.07%	1.019%
6	9.916	1294	1297	1300	rVB	964858	825476	3.07%	1.513%
7	11.410	1547	1551	1553	rBV	906479	744194	2.76%	1.364%
8	11.433	1553	1555	1559	rVB	652219	493075	1.83%	0.904%
9	11.804	1612	1618	1621	rBV	7165444	6756298	25.09%	12.381%
10	12.516	1725	1739	1741	rBV	10945386	26924990	100.00%	49.340%
11	12.533	1741	1742	1746	rVV2	10669102	9554096	35.48%	17.508%
12	12.598	1749	1753	1756	rVV	3500520	3069681	11.40%	5.625%
13	12.627	1756	1758	1761	rVV	337183	293649	1.09%	0.538%
14	12.863	1794	1798	1801	rBV	425369	386212	1.43%	0.708%
15	12.998	1815	1821	1824	rBV	440577	435094	1.62%	0.797%
16	13.310	1869	1874	1878	rBV2	307238	307273	1.14%	0.563%
17	13.980	1985	1988	1994	rBV	289101	275492	1.02%	0.505%
18	14.057	1997	2001	2004	rVV2	577219	640705	2.38%	1.174%
19	14.151	2014	2017	2021	rVV	348776	338751	1.26%	0.621%
20	15.551	2250	2255	2259	rBV	442476	551189	2.05%	1.010%

Sum of corrected areas: 54570146

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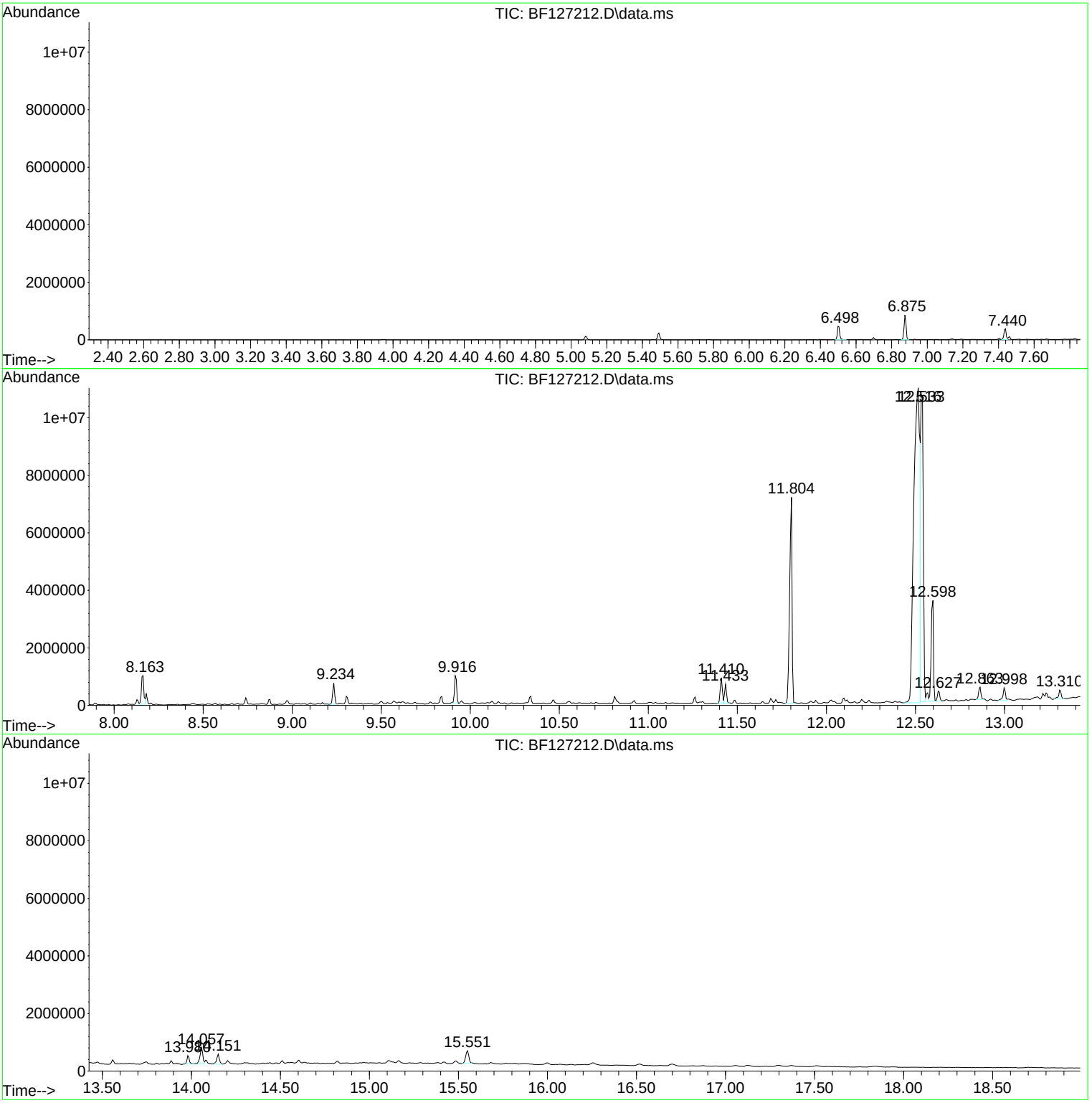
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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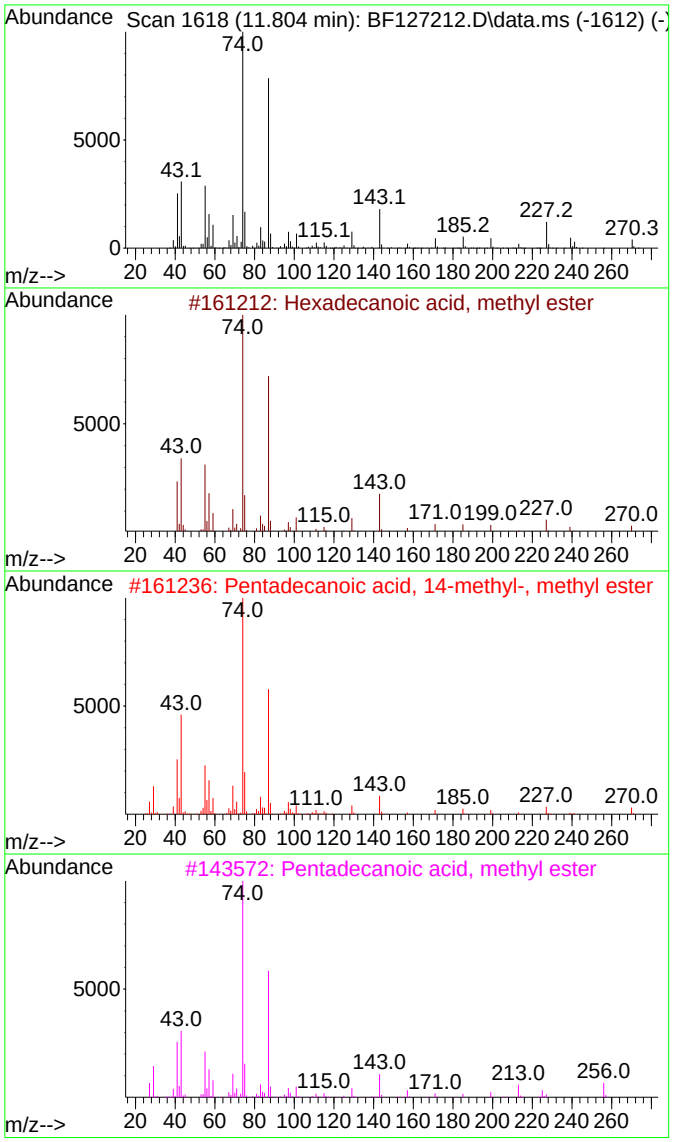
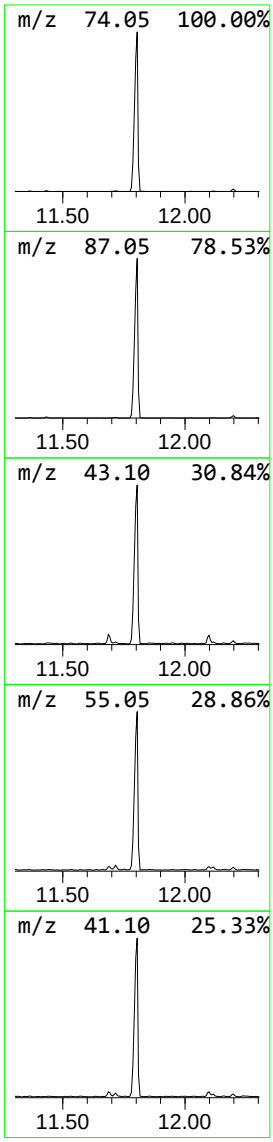
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	181.57 ng	6756300	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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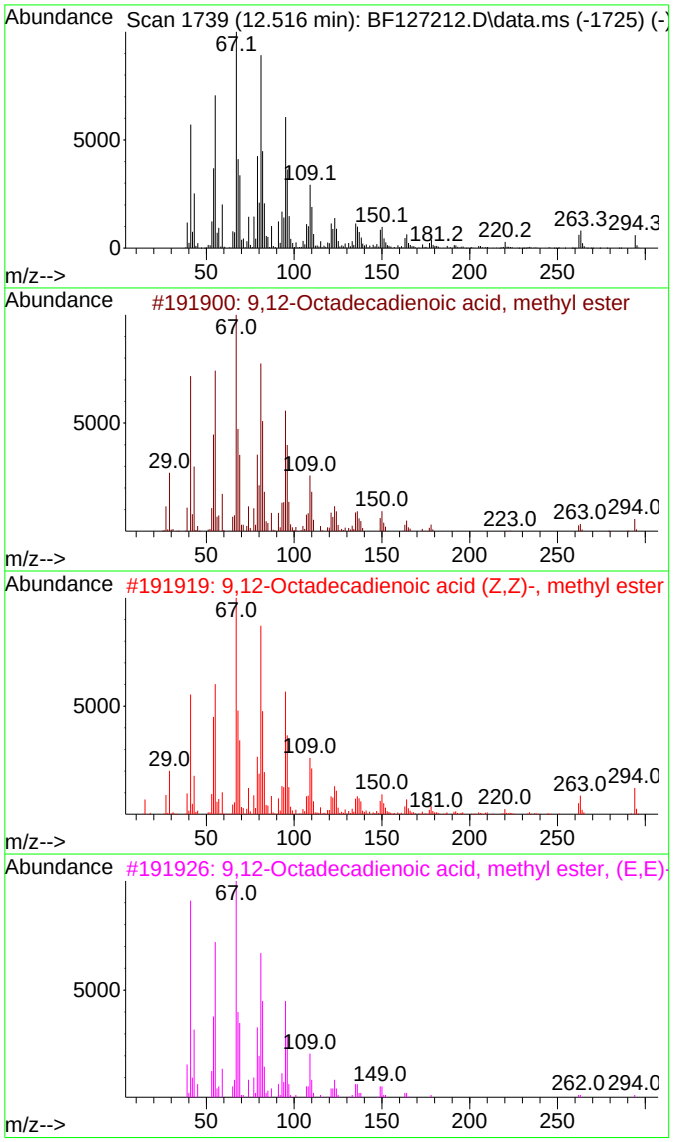
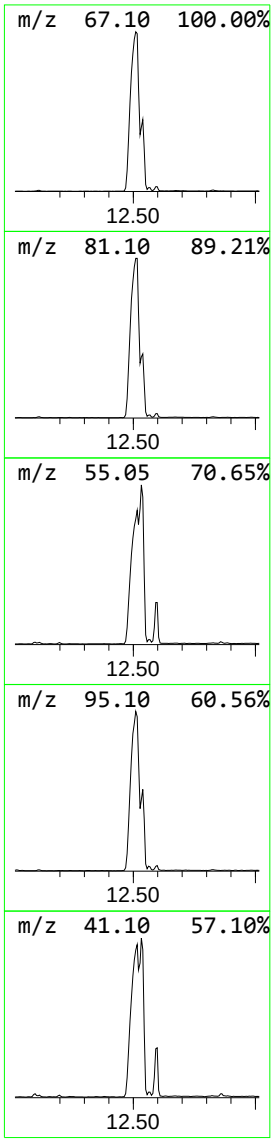
****
Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	723.60 ng	26925000	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98





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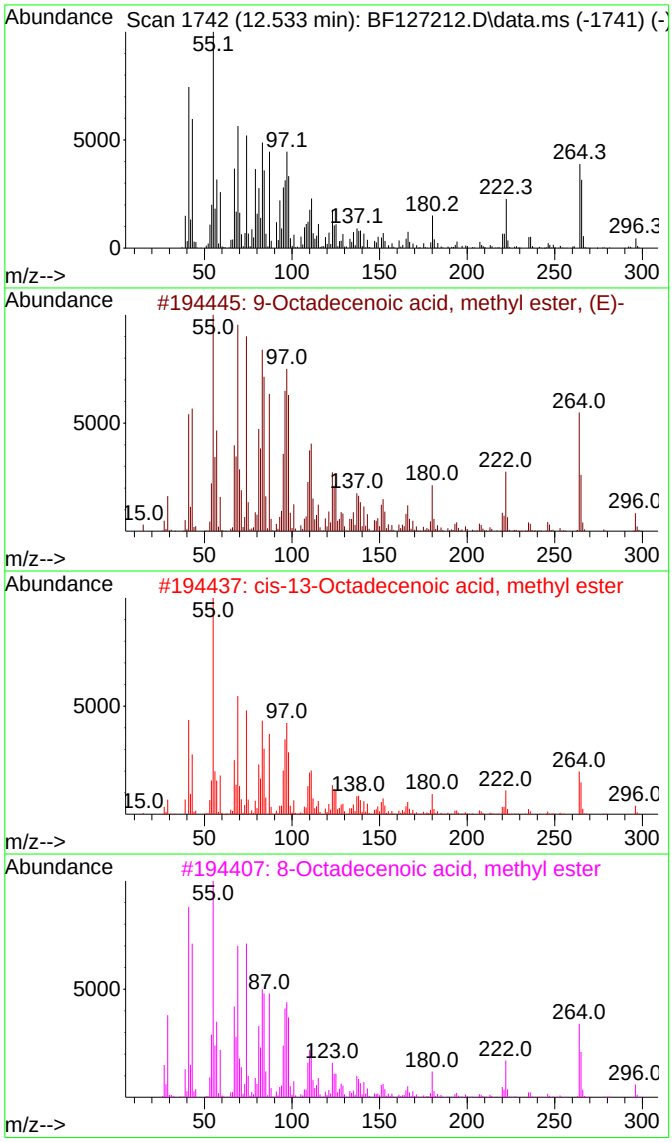
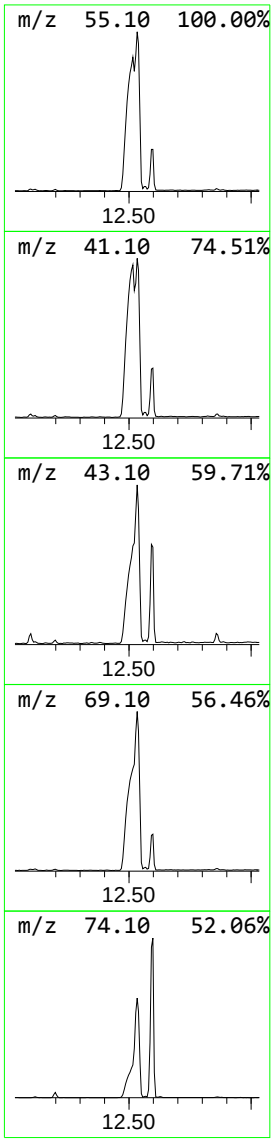
****
Peak Number 3 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	256.76 ng	9554100	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99





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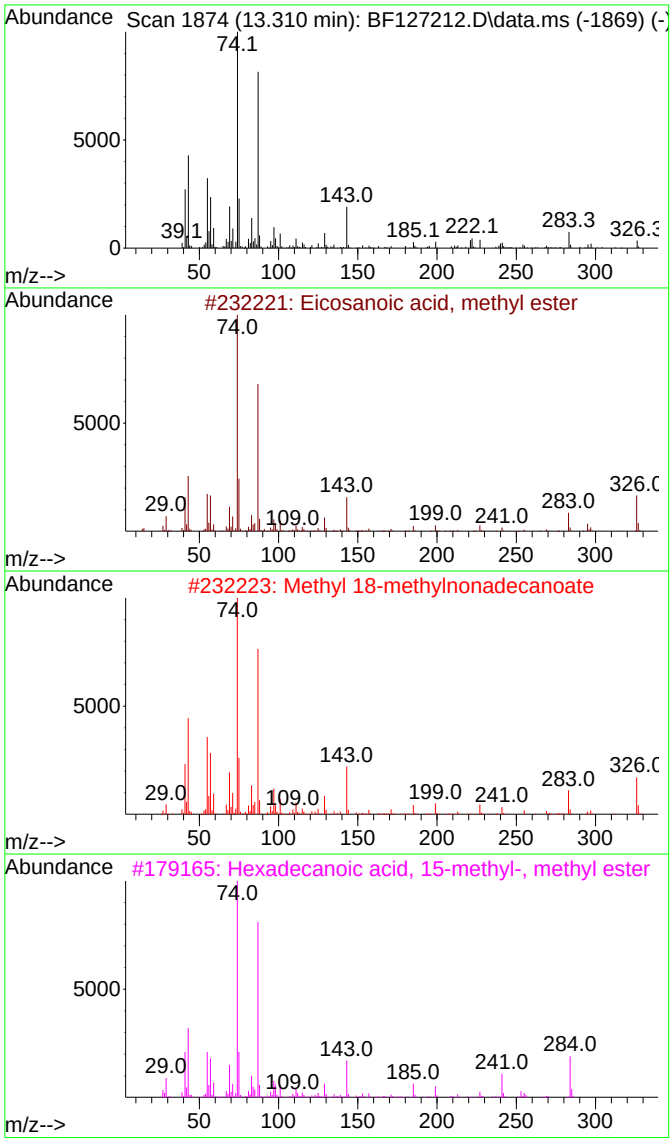
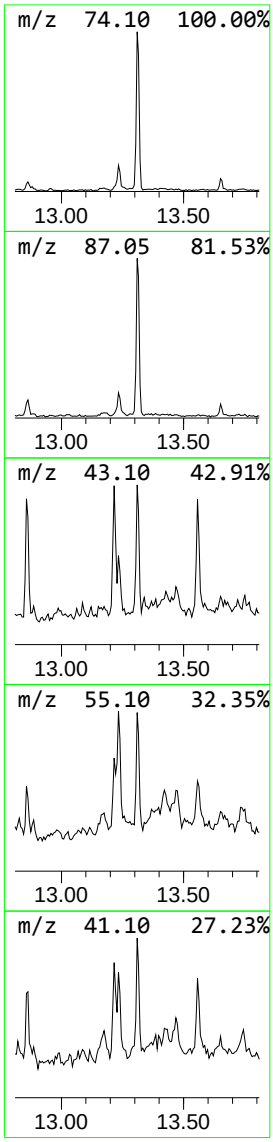
Peak Number 4 Eicosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	9.59 ng	307273	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	96
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

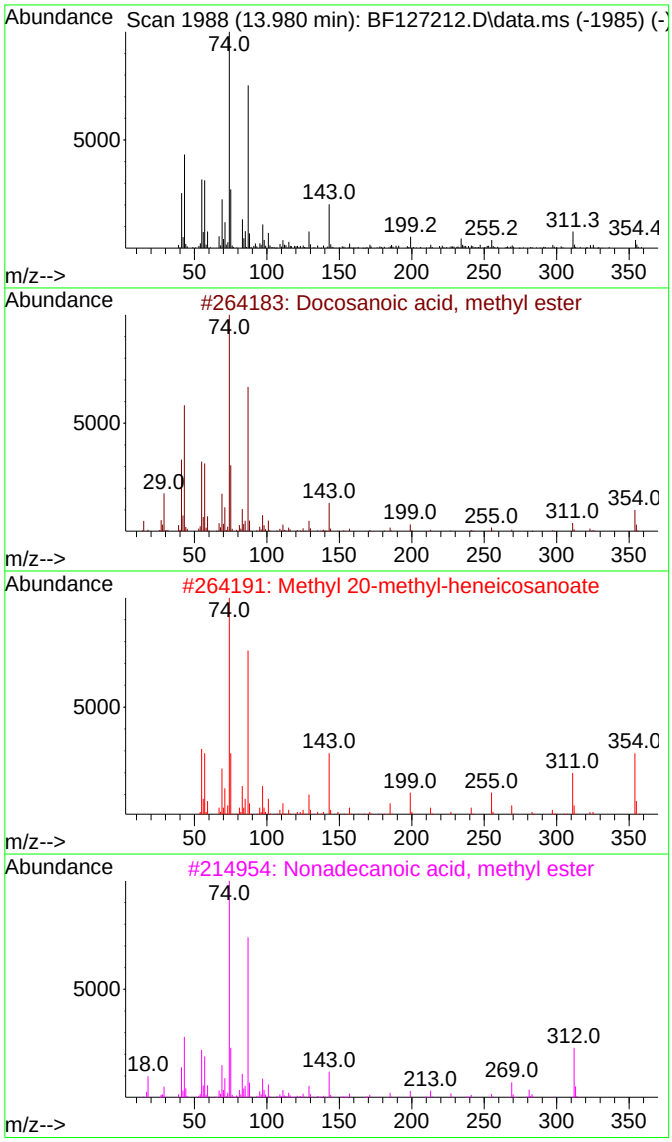
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

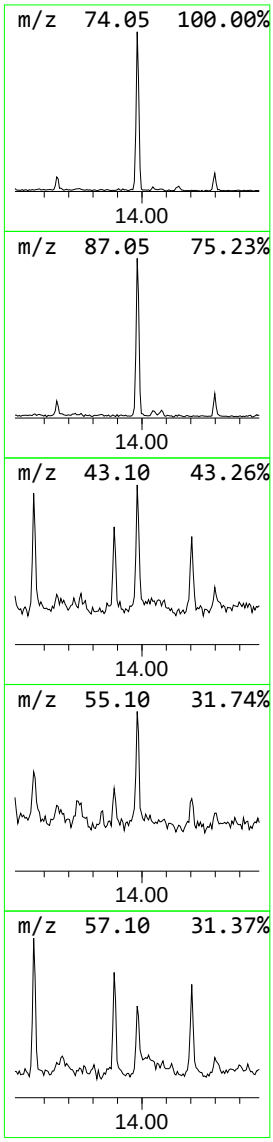
****

Peak Number 5 Docosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	8.60 ng	275492	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	96
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	94
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
5	Methyl stearate	298	C19H38O2	000112-61-8	86





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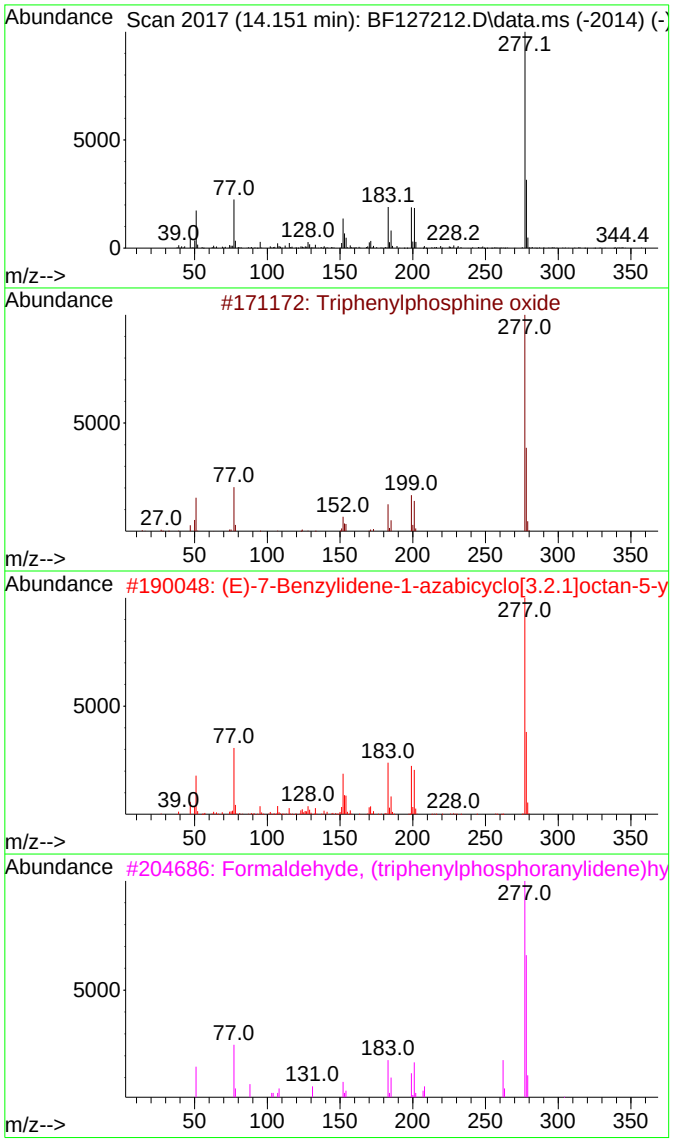
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

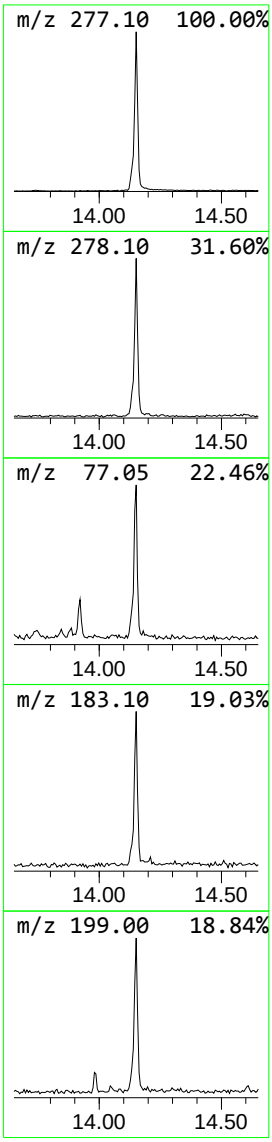
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	10.57 ng	338751	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	72
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.804	181.6	ng	6756300	4	11.410	744194	20.0
9,12-Octadecadi...	12.516	723.6	ng	26925000	4	11.410	744194	20.0
9-Octadecenoic ...	12.533	256.8	ng	9554100	4	11.410	744194	20.0
Eicosanoic acid...	13.310	9.6	ng	307273	5	14.057	640705	20.0
Docosanoic acid...	13.980	8.6	ng	275492	5	14.057	640705	20.0
Triphenylphosph...	14.151	10.6	ng	338751	5	14.057	640705	20.0