LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122603.D
Acq On : 8 Dec 2020 22:57
Operator : JU/CG
Sample : L4967-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120720

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	501	505	511	rBV	37779	47171	1.26%	0.157%
2	5.457	568	573	576	rBV	3543138	3272268	87.50%	10.877%
3	5.787	625	629	637	rVB	71106	78032	2.09%	0.259%
4	6.469	740	745	761	rBV	3400004	3537746	94.59%	11.760%
5	6.663	776	778	792	rVB	260371	256221	6.85%	0.852%
6	6.840	804	808	811	rBV	1172645	967104	25.86%	3.215%
7	7.398	898	903	906	rBV	2346098	2228995	59.60%	7.409%
8	8.122	1020	1026	1035	rBV	1529733	1333973	35.67%	4.434%
9	9.198	1204	1209	1212	rBV	4451787	3739902	100.00%	12.432%
10	9.281	1219	1223	1227	rBV3	57042	51705	1.38%	0.172%
11	9.592	1273	1276	1280	rBV	313129	303525	8.12%	1.009%
12	9.810	1310	1313	1317	rVB	67615	48817	1.31%	0.162%
13	9.875	1317	1324	1328	rBV	1801691	1560970	41.74%	5.189%
14	10.310	1395	1398	1400	rVB	72960	56375	1.51%	0.187%
15	10.663	1454	1458	1469	rBV	2485862	2301689	61.54%	7.651%
16	10.780	1475	1478	1483	rBV	80764	99700	2.67%	0.331%
17	11.227	1548	1554	1557	rBV2	86895	94263	2.52%	0.313%
18	11.257	1557	1559	1565	rVB	48325	52536	1.40%	0.175%
19	11.363	1573	1577	1579	rBV	1743601	1506904	40.29%	5.009%
20	11.380	1579	1580	1584	rVB	123423	104136	2.78%	0.346%
21	11.657	1624	1627	1629	rVB	76522	56800	1.52%	0.189%
22	11.757	1640	1644	1646	rBV	134530	111639	2.99%	0.371%
23	11.892	1664	1667	1670	rVB	61959	52547	1.41%	0.175%
24	11.974	1678	1681	1683	rBV2	48376	45206	1.21%	0.150%
25	12.063	1693	1696	1699	rBV	93915	73201	1.96%	0.243%
26	12.339	1740	1743	1750	rBV3	31238	49489	1.32%	0.165%
27	12.410	1752	1755	1757	rBV	52475	50409	1.35%	0.168%
28	12.439	1757	1760	1762	rVV	444110	427561	11.43%	1.421%
29	12.463	1762	1764	1768	rVB2	338875	289594	7.74%	0.963%
30	12.545	1774	1778	1780	rBV2	56653	64989	1.74%	0.216%
31	12.574	1780	1783	1788	rVB	119488	113451	3.03%	0.377%
32	12.674	1796	1800	1802	rBV3	37548	49225	1.32%	0.164%
33	12.804	1818	1822	1823	rBV	136281	136890	3.66%	0.455%
34	12.821	1823	1825	1828	rVB	119090	102867	2.75%	0.342%
35	12.945	1842	1846	1850	rBV	3606972	3573876	95.56%	11.880%
36	13.180	1883	1886	1892	rBV2	124453	131876	3.53%	0.438%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4967-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120720

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.521	1941	1944	1947	rBV	126025	113795	3.04%	0.378%
38	13.851	1997	2000	2002	rBV	94394	99148	2.65%	0.330%
39	13.998	2021	2025	2028	rBV	1244121	1187207	31.74%	3.946%
40	14.168	2051	2054	2060	rVB	102551	109562	2.93%	0.364%
41	14.468	2103	2105	2109	rVB	77961	76545	2.05%	0.254%
42	14.780	2155	2158	2161	rBV2	83716	99157	2.65%	0.330%
43	15.039	2199	2202	2206	rBV	55086	93076	2.49%	0.309%
44	15.115	2212	2215	2218	rVB2	88098	92182	2.46%	0.306%
45	15.462	2269	2274	2278	rBV	935091	1153480	30.84%	3.834%
46	15.927	2350	2353	2358	rVB	62161	87859	2.35%	0.292%

Sum of corrected areas: 30083663

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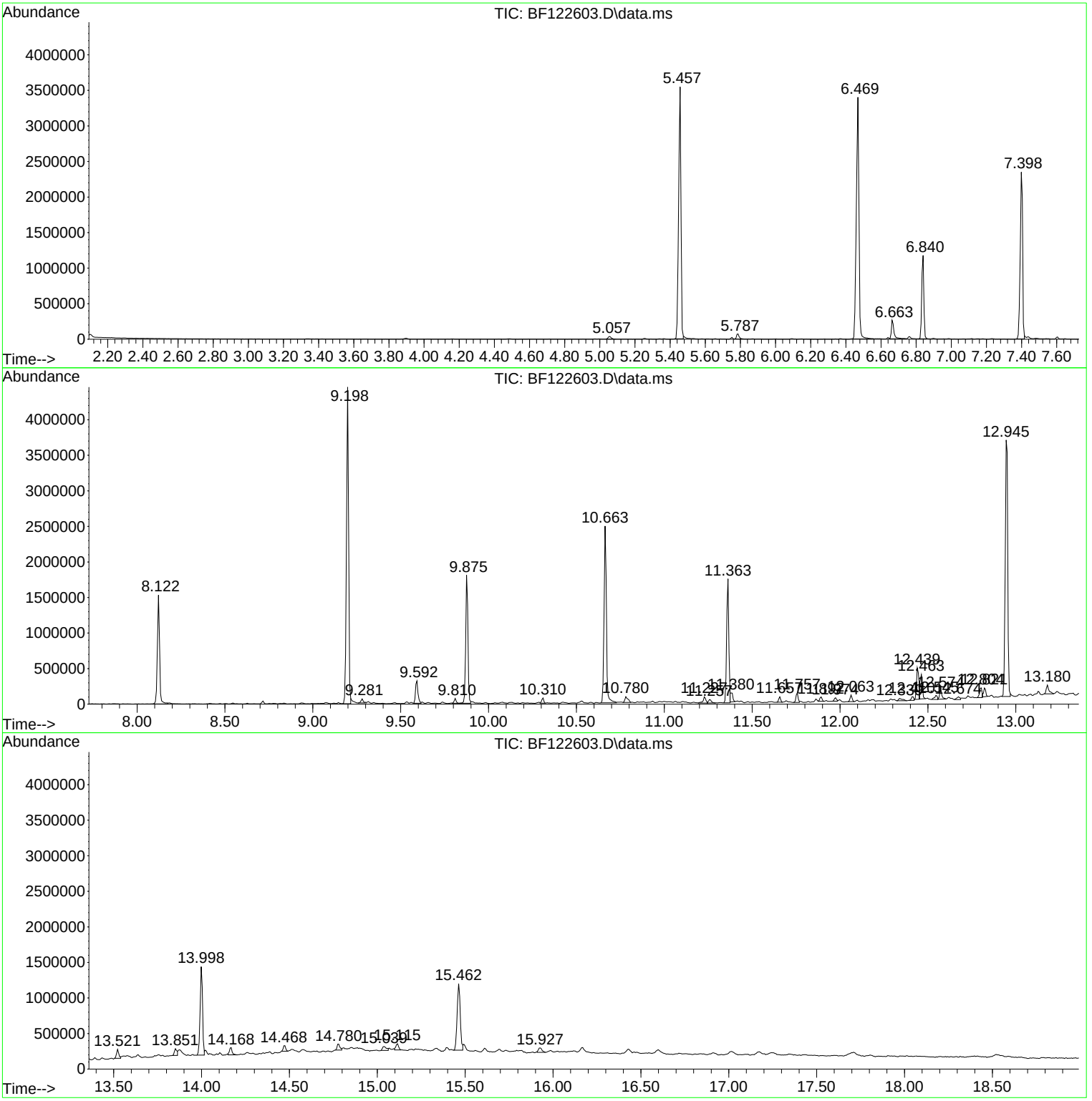
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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Instrument : BNA_F
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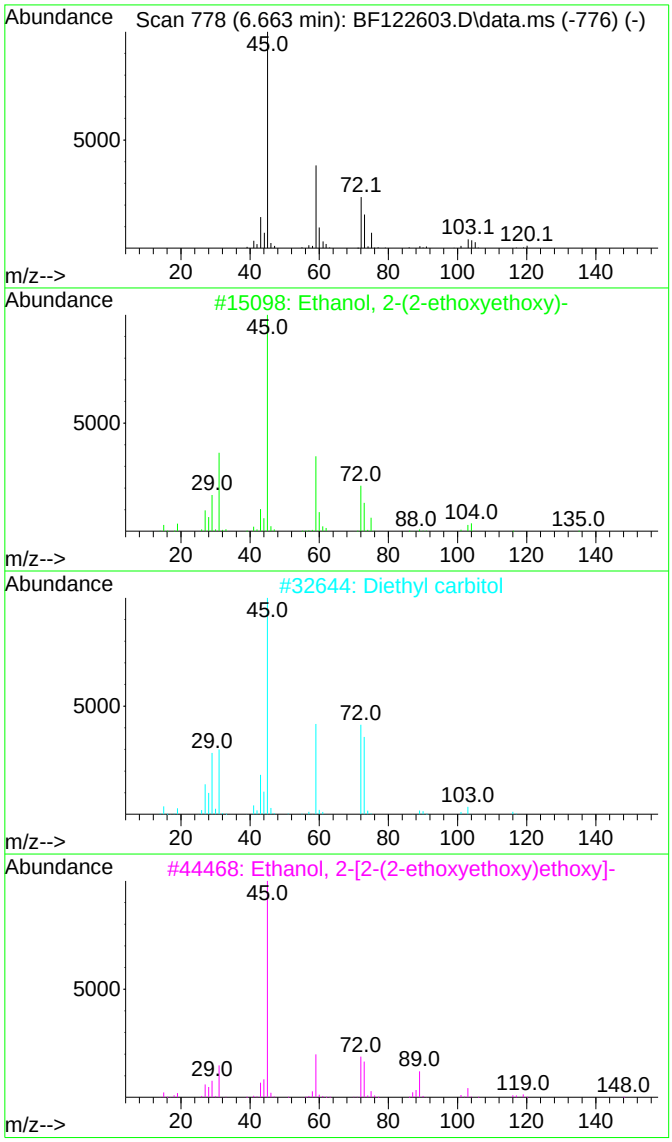
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

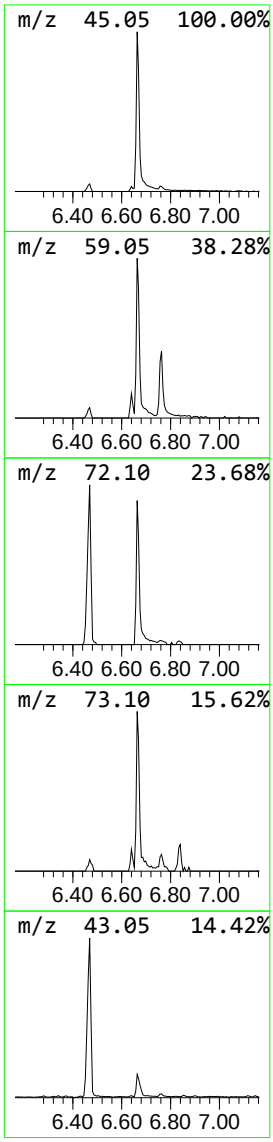
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	5.30 ng	256221	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-120720

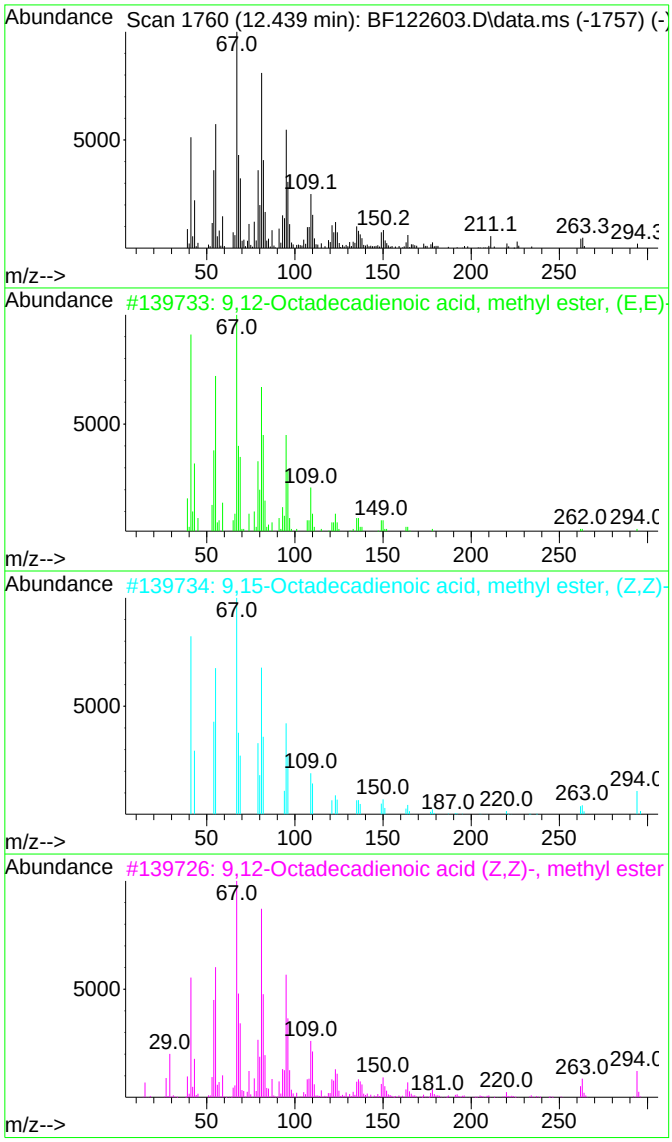
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

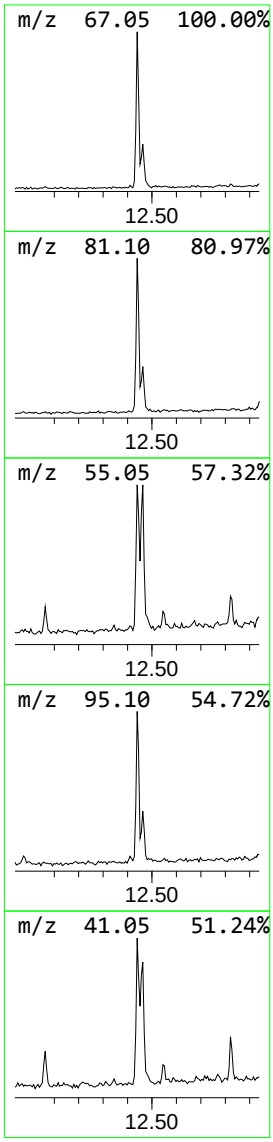
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	5.67 ng	427561	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94





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Operator : JU/CG
Sample : L4967-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-120720

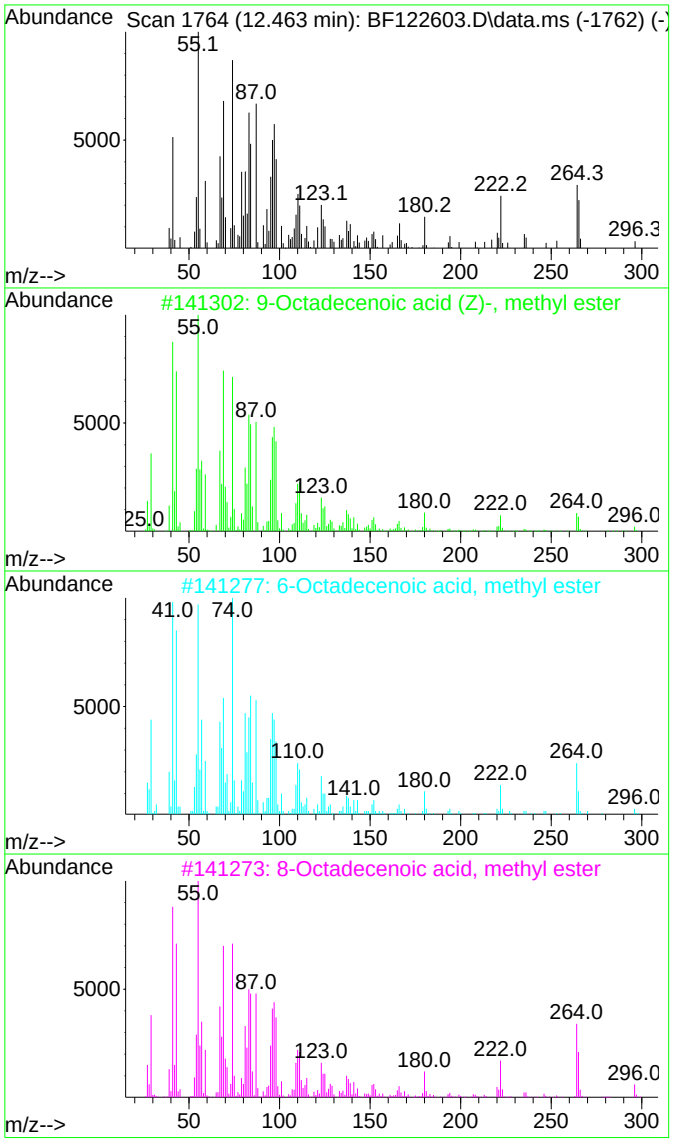
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

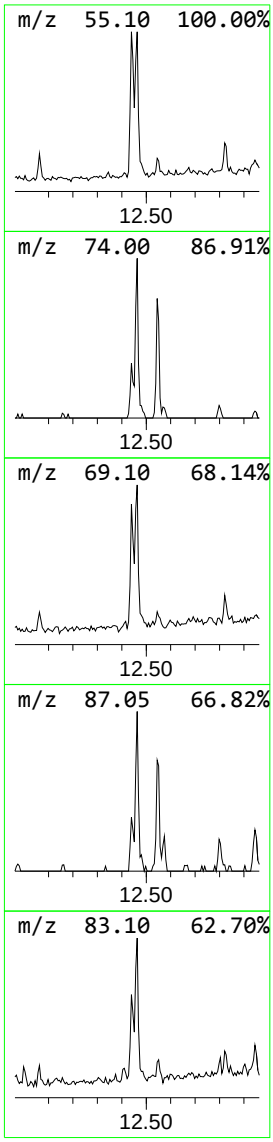
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.84 ng	289594	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98





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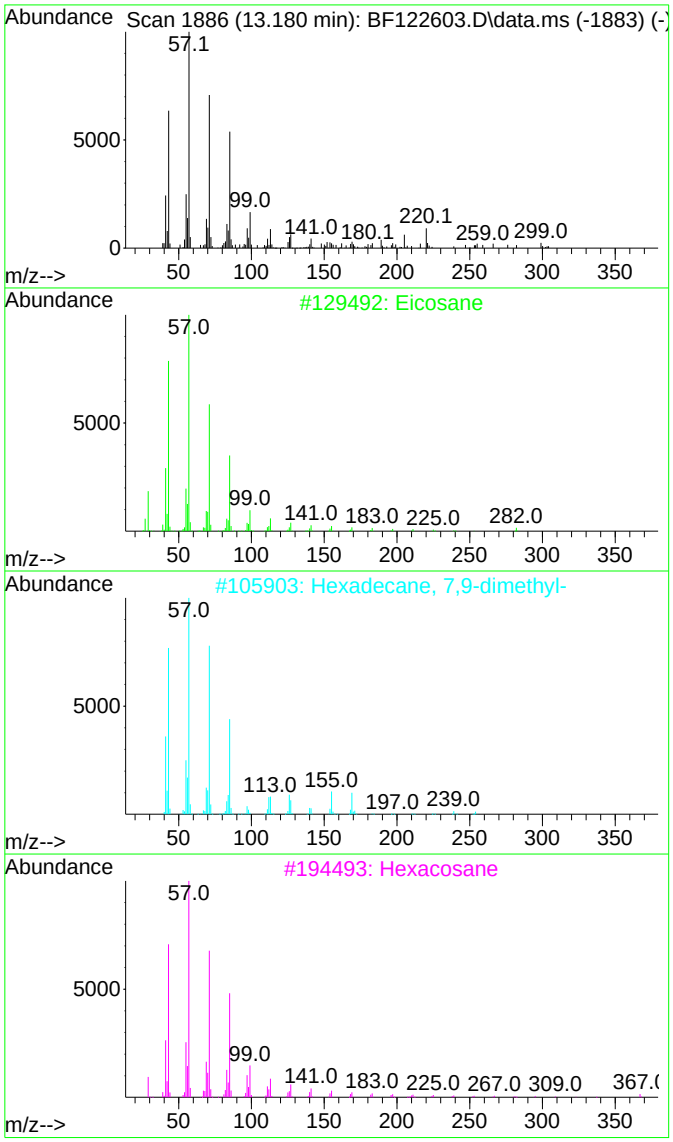
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

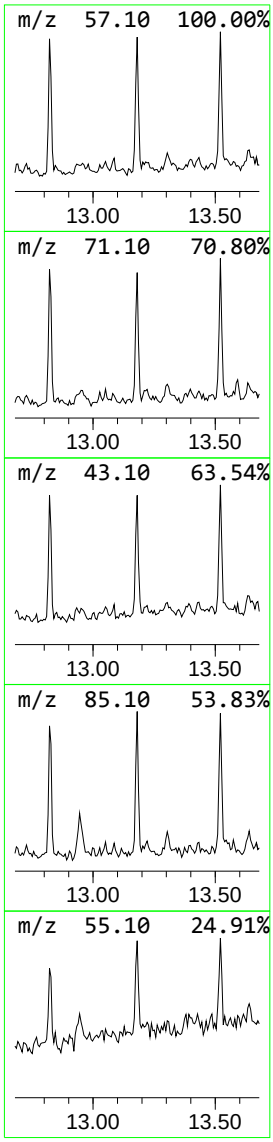
****

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.22 ng	131876	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.663	5.3	ng	256221	1	6.840	967104	20.0
9,12-Octadecadi...	12.439	5.7	ng	427561	4	11.363	1506900	20.0
9-Octadecenoic ...	12.463	3.8	ng	289594	4	11.363	1506900	20.0
Eicosane	13.180	2.2	ng	131876	5	13.998	1187210	20.0