LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111791.D
Acq On : 28 Dec 2018 16:23
Operator : JU/SJ
Sample : J6193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-A

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-BF121918.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	2.187	12	17	24	rVB	65468	88014	7.09%	0.650%
2	5.104	507	513	517	rBV	45733	44763	3.60%	0.331%
3	5.534	582	586	589	rBV	772852	704581	56.73%	5.202%
4	6.540	753	757	763	rBV	844841	790130	63.62%	5.834%
5	6.675	776	780	783	rBV	973762	753504	60.67%	5.564%
6	6.904	815	819	822	rBV	1171084	981523	79.03%	7.247%
7	7.057	841	845	849	rBV	713504	588419	47.38%	4.345%
8	7.457	909	913	916	rBV	519995	442654	35.64%	3.268%
9	8.187	1032	1037	1040	rBV	1506442	1221596	98.36%	9.020%
10	8.898	1155	1158	1163	rVB	23822	19005	1.53%	0.140%
11	8.998	1172	1175	1179	rVB	21920	20332	1.64%	0.150%
12	9.257	1215	1219	1222	rBV	965145	779455	62.76%	5.755%
13	9.339	1229	1233	1238	rBV4	13682	17807	1.43%	0.131%
14	9.528	1261	1265	1268	rVB3	9949	14507	1.17%	0.107%
15	9.598	1274	1277	1279	rBV	17088	15931	1.28%	0.118%
16	9.645	1283	1285	1290	rVB	96015	84506	6.80%	0.624%
17	9.798	1308	1311	1315	rBV	15558	14668	1.18%	0.108%
18	9.869	1318	1323	1328	rVB3	15568	17647	1.42%	0.130%
19	9.939	1331	1335	1339	rVV	1456904	1242009	100.00%	9.170%
20	9.969	1339	1340	1344	rVB	49267	38371	3.09%	0.283%
21	10.139	1366	1369	1374	rBV	23315	26343	2.12%	0.195%
22	10.486	1425	1428	1435	rBV	40567	38063	3.06%	0.281%
23	10.728	1465	1469	1477	rVB	488649	421199	33.91%	3.110%
24	10.851	1486	1490	1493	rBV4	16799	26621	2.14%	0.197%
25	11.286	1560	1564	1568	rBV3	15818	23652	1.90%	0.175%
26	11.322	1568	1570	1574	rVB	20306	20421	1.64%	0.151%
27	11.427	1584	1588	1590	rBV	1210156	1046581	84.27%	7.728%
28	11.451	1590	1592	1595	rVV	166810	132958	10.71%	0.982%
29	11.498	1598	1600	1603	rVB	45235	36122	2.91%	0.267%
30	11.657	1623	1627	1634	rVB	13896	23617	1.90%	0.174%
31	11.716	1634	1637	1640	rBV2	16574	14453	1.16%	0.107%
32	11.816	1650	1654	1657	rBV	113830	102118	8.22%	0.754%
33	11.927	1670	1673	1675	rBV	23742	25693	2.07%	0.190%
34	11.957	1675	1678	1680	rVB	31095	31013	2.50%	0.229%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.039	1689	1692	1695	rBV2	43629	47076	3.79%	0.348%
36	12.222	1720	1723	1725	rBV	22827	20879	1.68%	0.154%
37	12.404	1752	1754	1761	rBV7	10767	16492	1.33%	0.122%
38	12.498	1767	1770	1772	rBV	463601	369391	29.74%	2.727%
39	12.522	1772	1774	1779	rVB	266814	236693	19.06%	1.748%
40	12.604	1785	1788	1790	rBV	60076	45562	3.67%	0.336%
41	12.639	1790	1794	1797	rVV	247037	195083	15.71%	1.440%
42	12.869	1827	1833	1838	rBV	215525	242100	19.49%	1.788%
43	13.004	1853	1856	1860	rBV	670908	568293	45.76%	4.196%
44	13.198	1886	1889	1893	rVB2	48956	42653	3.43%	0.315%
45	13.263	1898	1900	1902	rVB2	47768	37821	3.05%	0.279%
46	13.298	1904	1906	1910	rBV3	38645	49317	3.97%	0.364%
47	13.392	1920	1922	1924	rBV	25884	17633	1.42%	0.130%
48	14.068	2032	2037	2039	rBV	1095875	1098779	88.47%	8.113%
49	14.092	2039	2041	2043	rVB	97174	76918	6.19%	0.568%
50	15.563	2287	2291	2294	rBV	553463	630610	50.77%	4.656%

Sum of corrected areas: 13543576

LSC Report - Integrated Chromatogram

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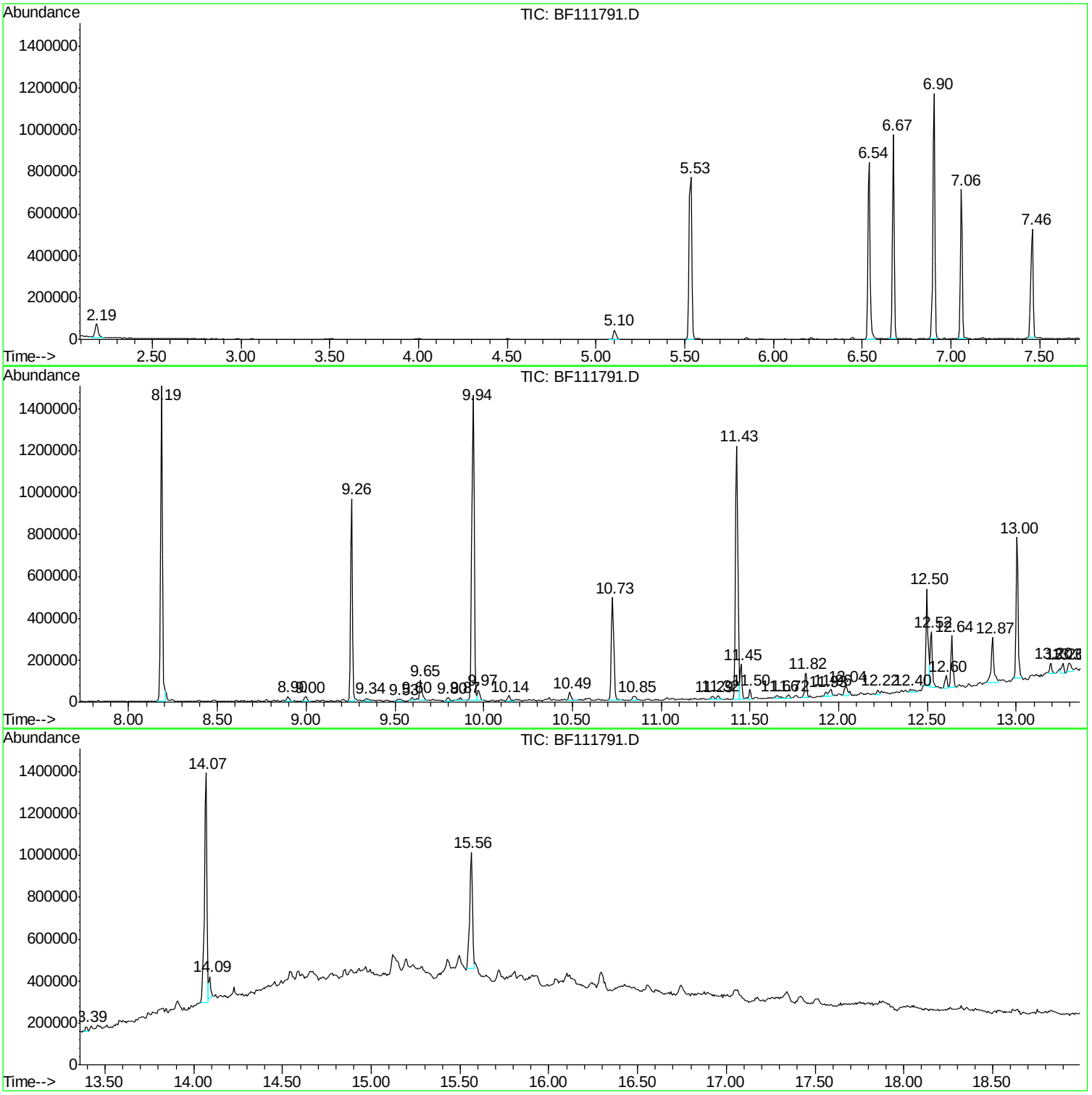
Sample : J6193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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 F\DATA\BF122818\
Data File : BF111791.D
Acq On : 28 Dec 2018 16:23
Operator : JU/SJ
Sample : J6193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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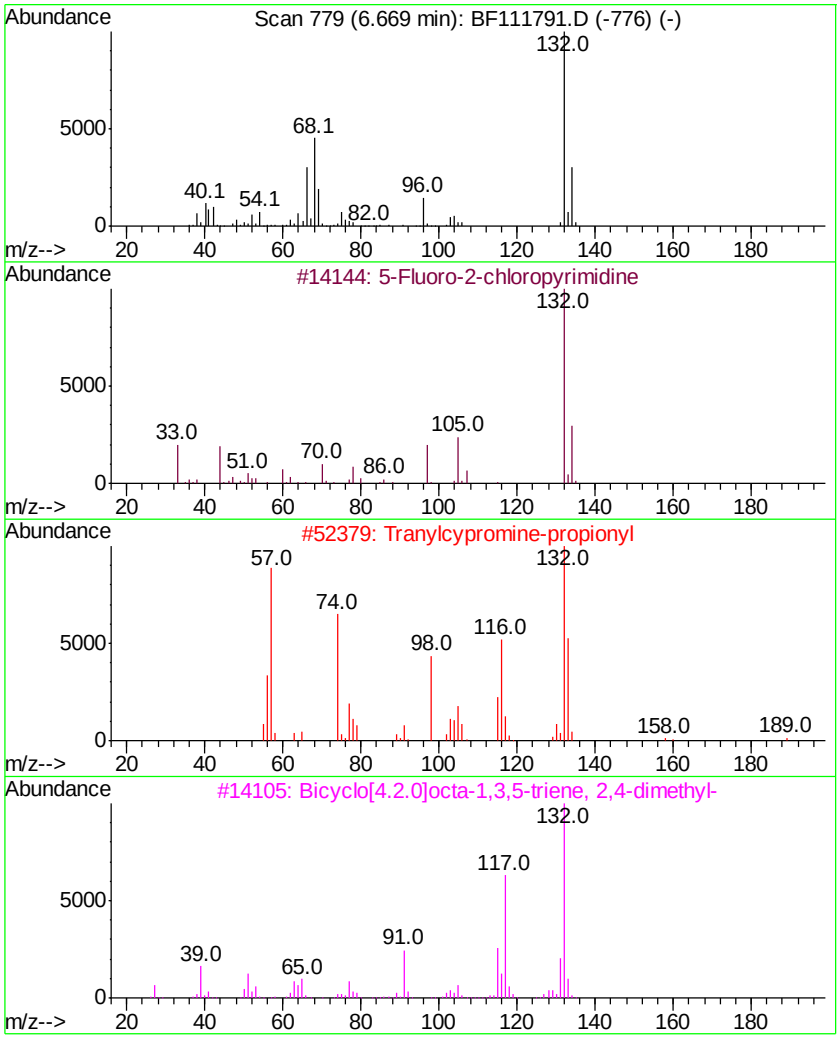
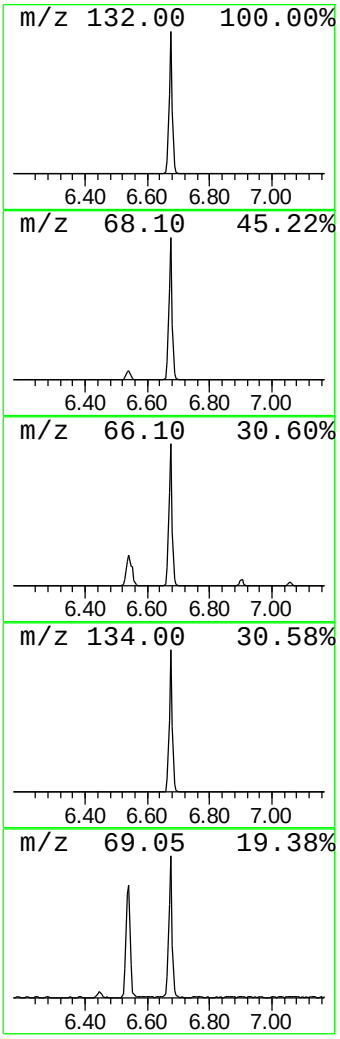
Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	15.35 ng	753504	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-122718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

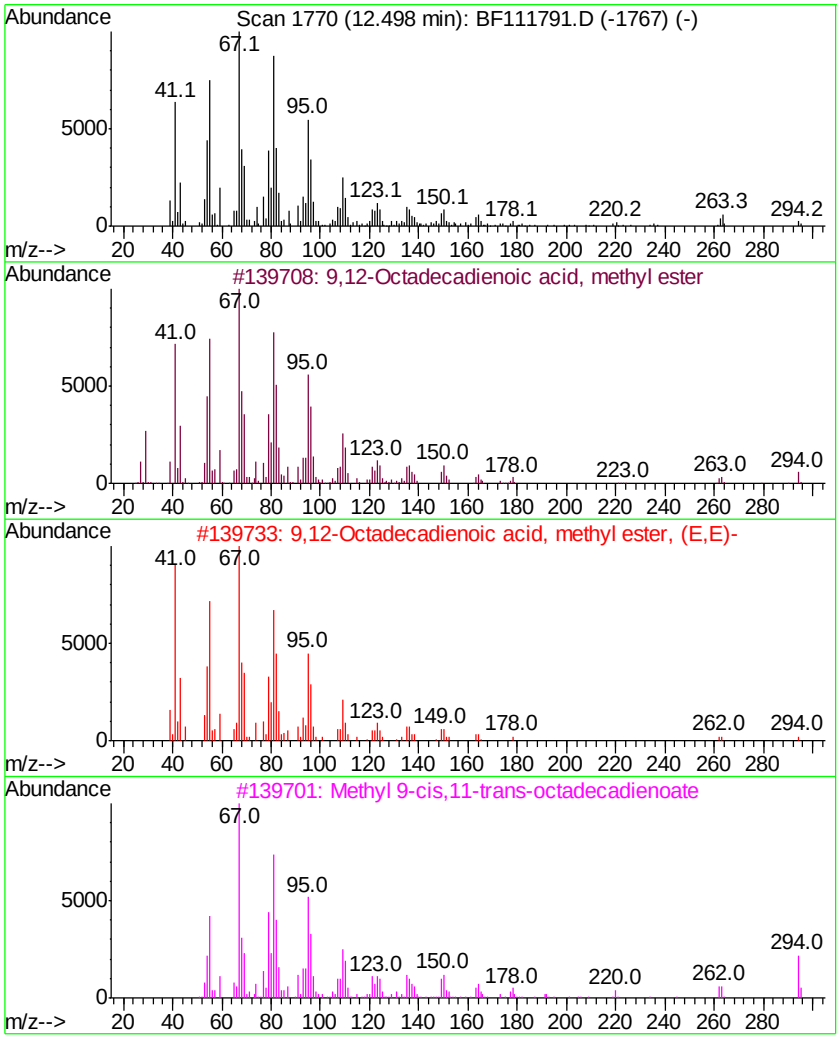
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

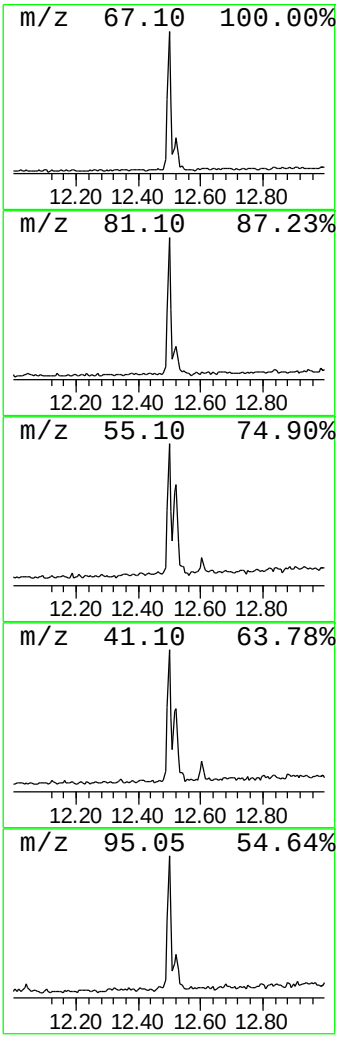
****

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	7.06 ng	369391	Phenanthrene-d10	11.43

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, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97





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Instrument : BNA_F
ClientSampleId : CL-02-122718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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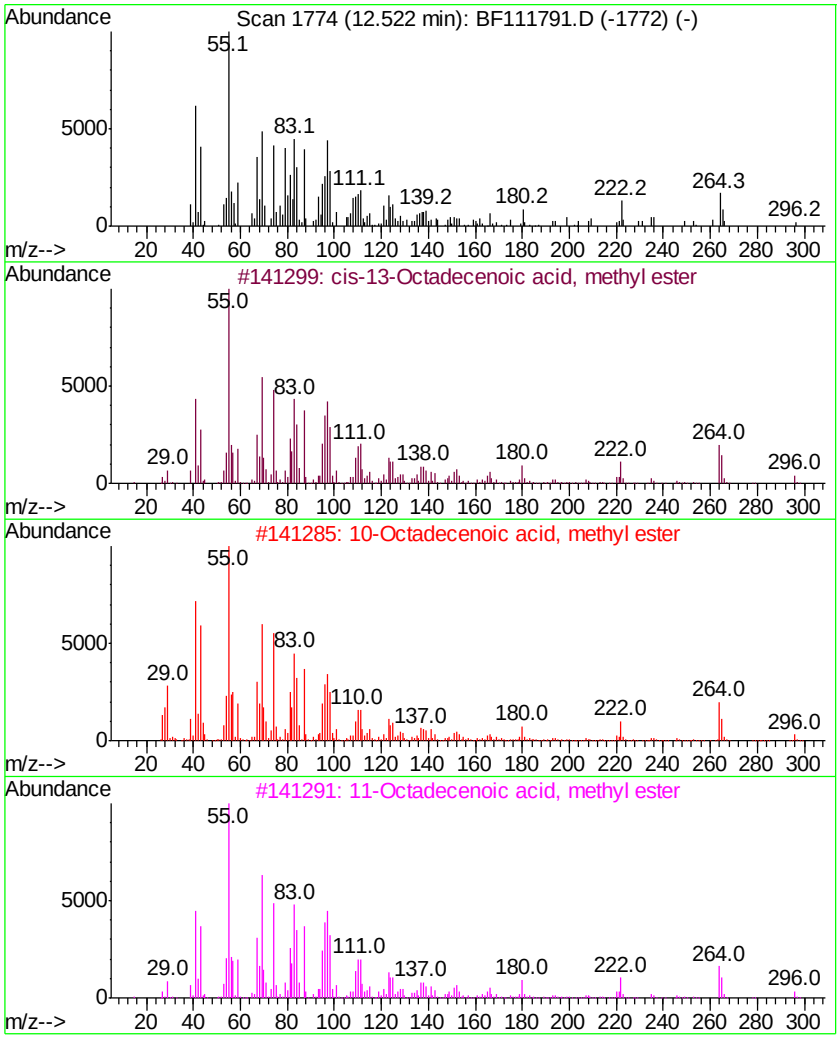
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

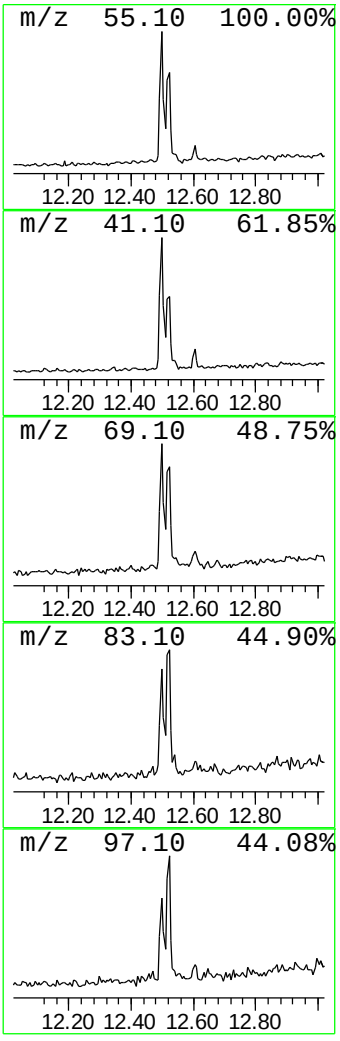
****

Peak Number 4 cis-13-Octadecenoic acid, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.52 ng	236693	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.67	6.67	15.4	ng	753504	1	6.90	981523	20.0
9,12-Octadecadien...	12.50	7.1	ng	369391	4	11.43	1046580	20.0
cis-13-Octadeceno...	12.52	4.5	ng	236693	4	11.43	1046580	20.0