LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	492888	603900	10.93%	1.164%
2	2.228	13	24	31	rBV2	103834	141171	2.56%	0.272%
3	4.404	390	394	399	rBV	258246	275317	4.98%	0.531%
4	5.034	495	501	510	rVB	1995676	2782527	50.38%	5.362%
5	5.387	558	561	563	rBV	203659	134587	2.44%	0.259%
6	5.434	563	569	573	rVB	4750555	5413578	98.01%	10.432%
7	5.834	634	637	641	rVB	266785	219697	3.98%	0.423%
8	6.445	734	741	744	rBV	4660310	5523544	100.00%	10.644%
9	6.645	771	775	780	rBV	199161	177259	3.21%	0.342%
10	6.816	800	804	807	rBV	1589578	1218961	22.07%	2.349%
11	6.875	811	814	819	rBV	100226	90411	1.64%	0.174%
12	7.381	893	900	903	rBV	3587552	3520043	63.73%	6.783%
13	7.587	932	935	938	rBV2	53101	56667	1.03%	0.109%
14	8.004	1002	1006	1018	rBV	596209	546939	9.90%	1.054%
15	8.098	1018	1022	1025	rBV	1943941	1623345	29.39%	3.128%
16	8.428	1074	1078	1081	rBV	65494	60621	1.10%	0.117%
17	9.181	1200	1206	1209	rBV	5017265	4644481	84.09%	8.950%
18	9.263	1216	1220	1223	rBV2	86098	90803	1.64%	0.175%
19	9.669	1286	1289	1294	rBV	75174	101725	1.84%	0.196%
20	9.851	1314	1320	1323	rBV	1579595	1365327	24.72%	2.631%
21	9.886	1323	1326	1335	rVB	144847	148086	2.68%	0.285%
22	10.057	1352	1355	1358	rBV	85958	76872	1.39%	0.148%
23	10.269	1388	1391	1393	rBV2	106714	104449	1.89%	0.201%
24	10.398	1410	1413	1419	rVB	116551	112935	2.04%	0.218%
25	10.639	1450	1454	1457	rBV	2466406	2188644	39.62%	4.217%
26	10.763	1473	1475	1483	rVB4	81791	137220	2.48%	0.264%
27	10.857	1487	1491	1499	rVB3	55420	104215	1.89%	0.201%
28	11.139	1536	1539	1544	rVB	77383	67397	1.22%	0.130%
29	11.216	1544	1552	1553	rBV4	86558	116151	2.10%	0.224%
30	11.233	1553	1555	1561	rVB2	64073	83951	1.52%	0.162%
31	11.304	1564	1567	1569	rVV	123283	91719	1.66%	0.177%
32	11.339	1569	1573	1575	rVV	1177961	1156910	20.95%	2.229%
33	11.357	1575	1576	1580	rVV	940717	726537	13.15%	1.400%
34	11.410	1580	1585	1588	rVB	203954	204433	3.70%	0.394%
35	11.510	1599	1602	1606	rBV	78805	77411	1.40%	0.149%
36	11.563	1607	1611	1613	rBV	145064	126764	2.29%	0.244%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Acq On : 17 Dec 2021 19:31
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Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.639	1621	1624	1627	rBV	64594	55796	1.01%	0.108%
38	11.739	1638	1641	1647	rVB	247530	204140	3.70%	0.393%
39	11.798	1647	1651	1654	rBV5	36157	62076	1.12%	0.120%
40	11.839	1654	1658	1660	rBV	80193	76458	1.38%	0.147%
41	11.869	1660	1663	1666	rBV	472035	406096	7.35%	0.783%
42	11.904	1666	1669	1673	rVB	184296	161429	2.92%	0.311%
43	11.951	1673	1677	1679	rBV	155181	175973	3.19%	0.339%
44	12.127	1704	1707	1709	rBV3	102011	116106	2.10%	0.224%
45	12.151	1709	1711	1715	rVB	139769	118106	2.14%	0.228%
46	12.380	1747	1750	1754	rBV3	79692	114459	2.07%	0.221%
47	12.445	1758	1761	1763	rVV3	214047	212772	3.85%	0.410%
48	12.469	1763	1765	1769	rVB2	121800	124710	2.26%	0.240%
49	12.551	1774	1779	1781	rBV	1167012	1120524	20.29%	2.159%
50	12.651	1793	1796	1799	rBV3	136883	156780	2.84%	0.302%
51	12.774	1811	1817	1820	rBV	1109162	1151804	20.85%	2.219%
52	12.810	1820	1823	1829	rVB3	54912	106539	1.93%	0.205%
53	12.892	1835	1837	1839	rBV	67433	65364	1.18%	0.126%
54	12.927	1839	1843	1846	rVV	3680119	3402582	61.60%	6.557%
55	13.104	1871	1873	1876	rVB2	105344	92225	1.67%	0.178%
56	13.169	1881	1884	1887	rVB2	98624	98048	1.78%	0.189%
57	13.204	1887	1890	1893	rBV2	99699	117859	2.13%	0.227%
58	13.398	1921	1923	1927	rVB	95795	89468	1.62%	0.172%
59	13.610	1956	1959	1960	rBV	102511	92485	1.67%	0.178%
60	13.721	1974	1978	1980	rBV2	99419	137659	2.49%	0.265%
61	13.751	1981	1983	1985	rVV	75577	57657	1.04%	0.111%
62	13.816	1991	1994	1995	rBV	136225	111346	2.02%	0.215%
63	13.839	1995	1998	2004	rVB	419669	489189	8.86%	0.943%
64	13.969	2016	2020	2023	rBV2	1292161	1661068	30.07%	3.201%
65	13.998	2023	2025	2028	rVB	523596	392412	7.10%	0.756%
66	14.457	2100	2103	2105	rBV2	187303	177514	3.21%	0.342%
67	14.480	2105	2107	2114	rVB6	174083	264205	4.78%	0.509%
68	14.833	2165	2167	2171	rVB2	220759	232580	4.21%	0.448%
69	14.904	2176	2179	2183	rVB2	310651	310334	5.62%	0.598%
70	15.004	2192	2196	2199	rBV	439213	699195	12.66%	1.347%
71	15.098	2208	2212	2215	rBV2	347986	410097	7.42%	0.790%
72	15.133	2215	2218	2226	rVB	463014	747242	13.53%	1.440%
73	15.298	2243	2246	2252	rVB	303135	350272	6.34%	0.675%
74	15.357	2253	2256	2260	rVB	321429	350499	6.35%	0.675%
75	15.421	2263	2267	2270	rBV	575345	619481	11.22%	1.194%
76	15.668	2305	2309	2317	rVB	530945	729379	13.20%	1.405%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

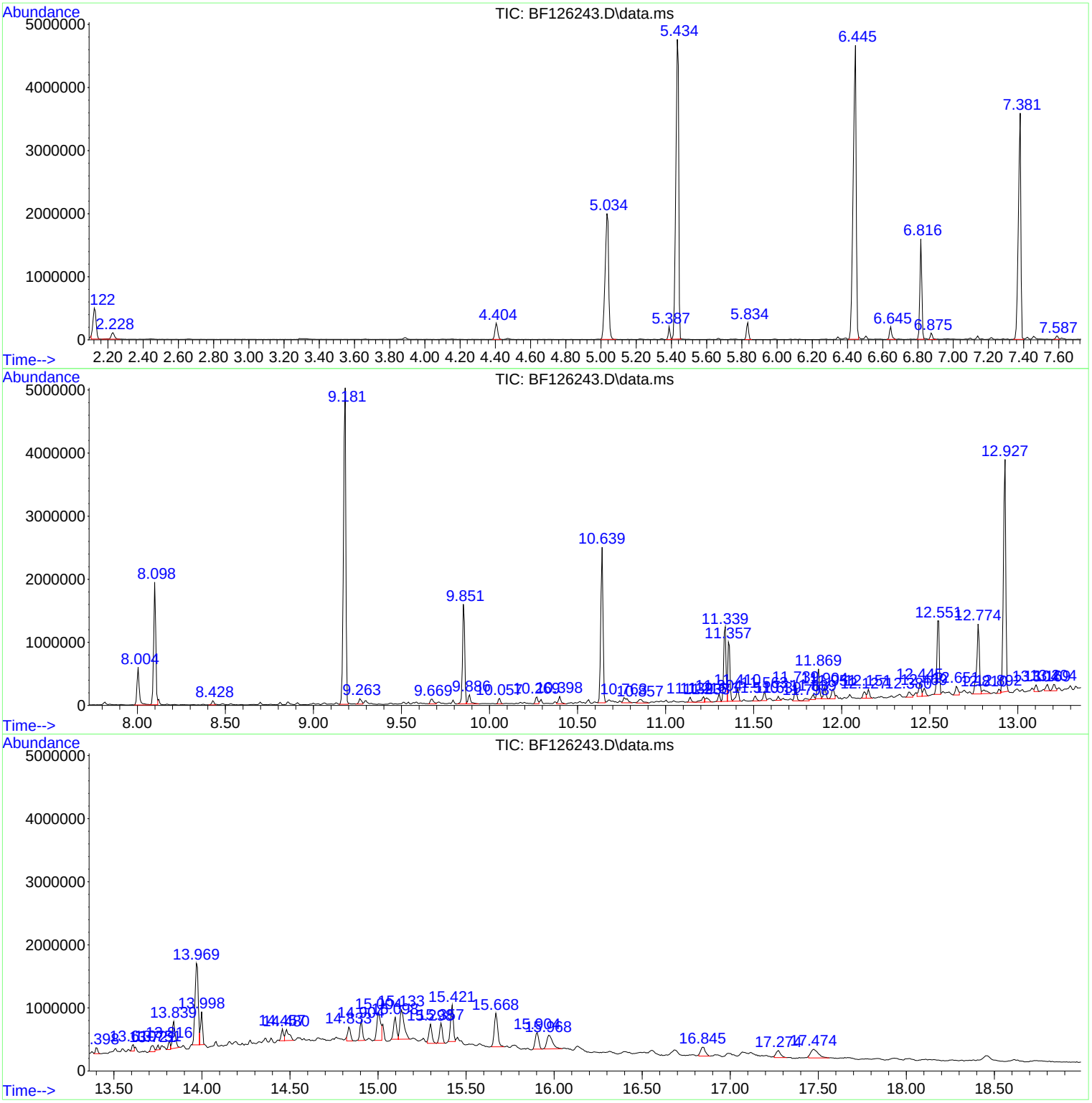
77	15.904	2345	2349	2354	rBV	264642	366451	6.63%	0.706%
78	15.968	2356	2360	2373	rVB3	216202	491476	8.90%	0.947%
79	16.845	2505	2509	2516	rVB2	142793	264452	4.79%	0.510%
80	17.274	2578	2582	2590	rVB	112255	197144	3.57%	0.380%
81	17.474	2611	2616	2631	rVB7	137656	399282	7.23%	0.769%

Sum of corrected areas: 51895330

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

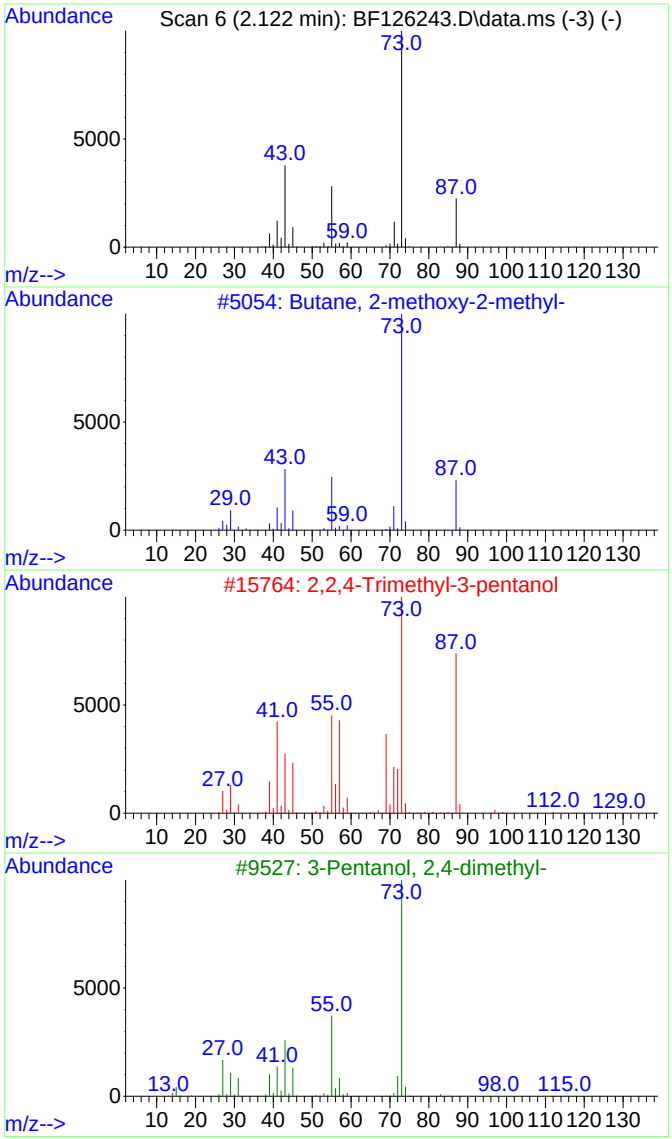
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

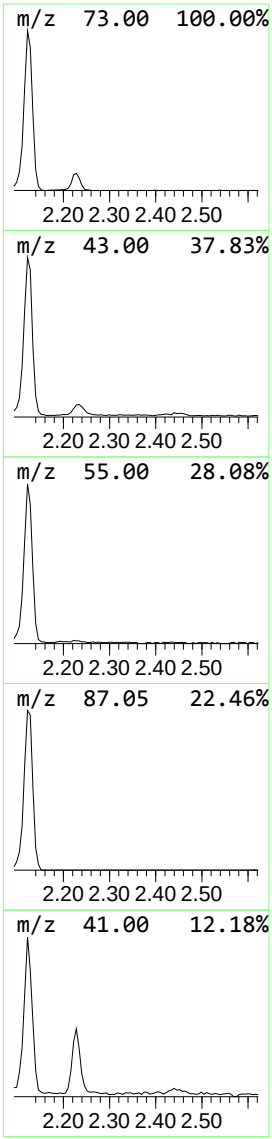
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	9.91 ng	603900	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

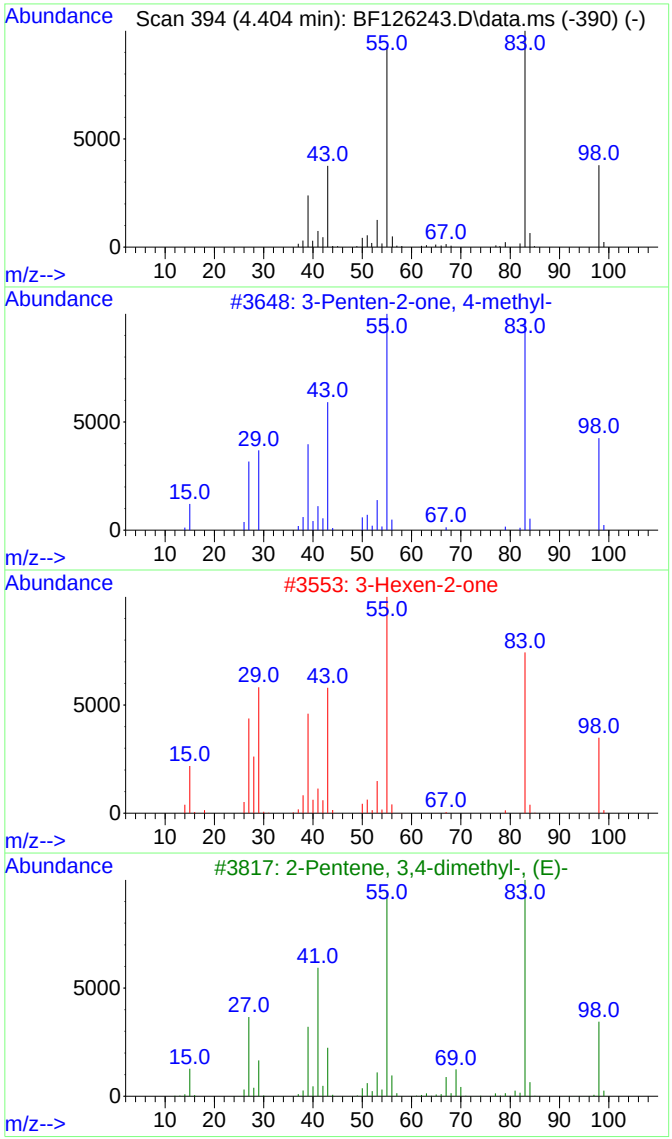
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

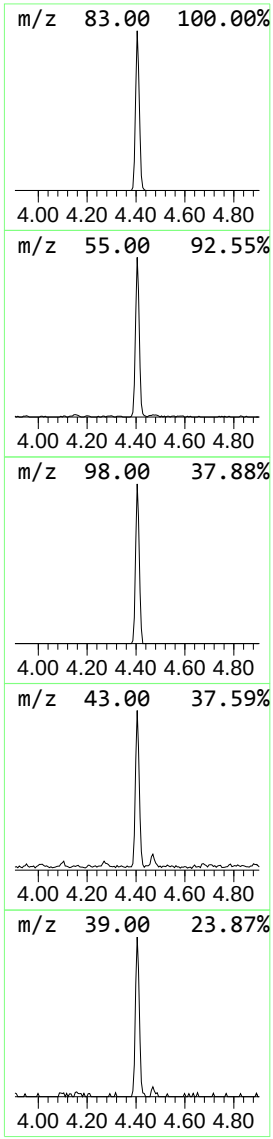
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.404	4.52 ng	275317	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

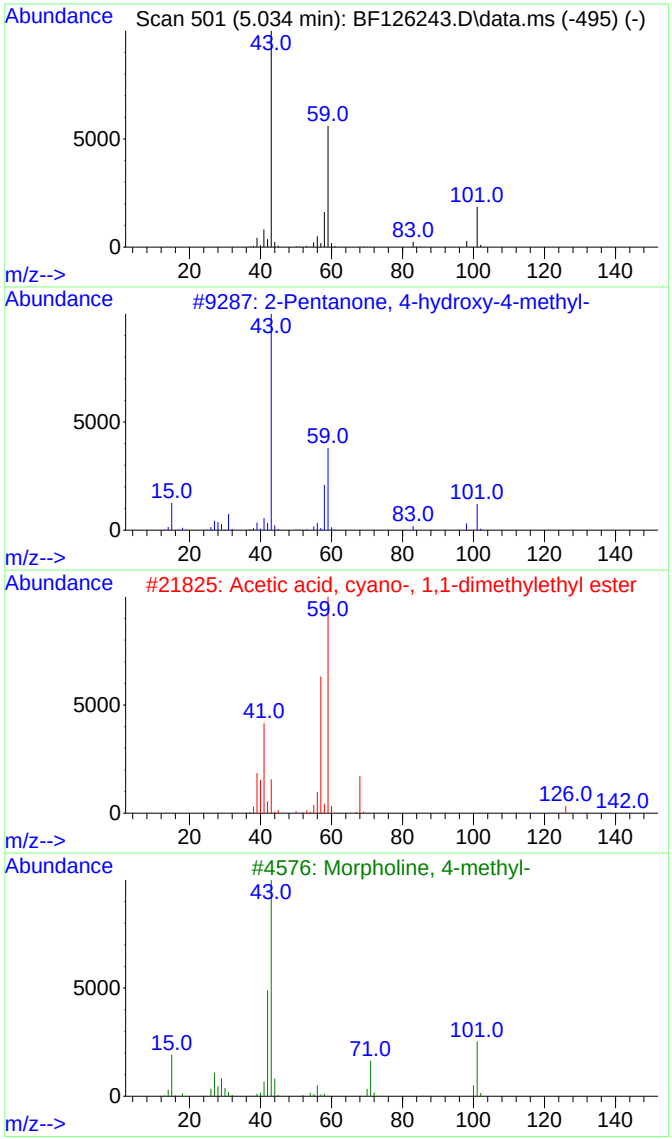
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

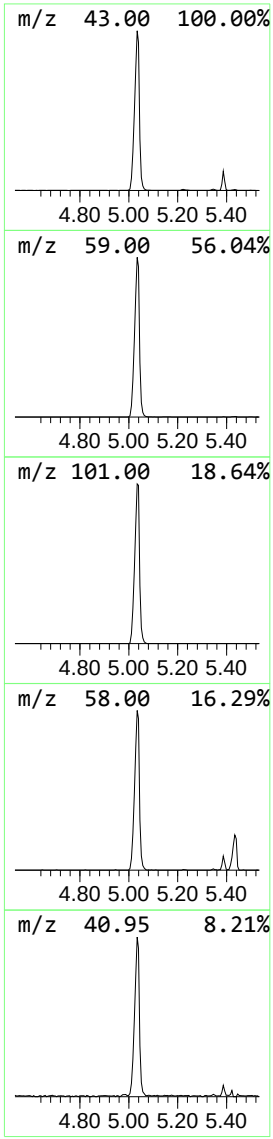
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	45.65 ng	2782530	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

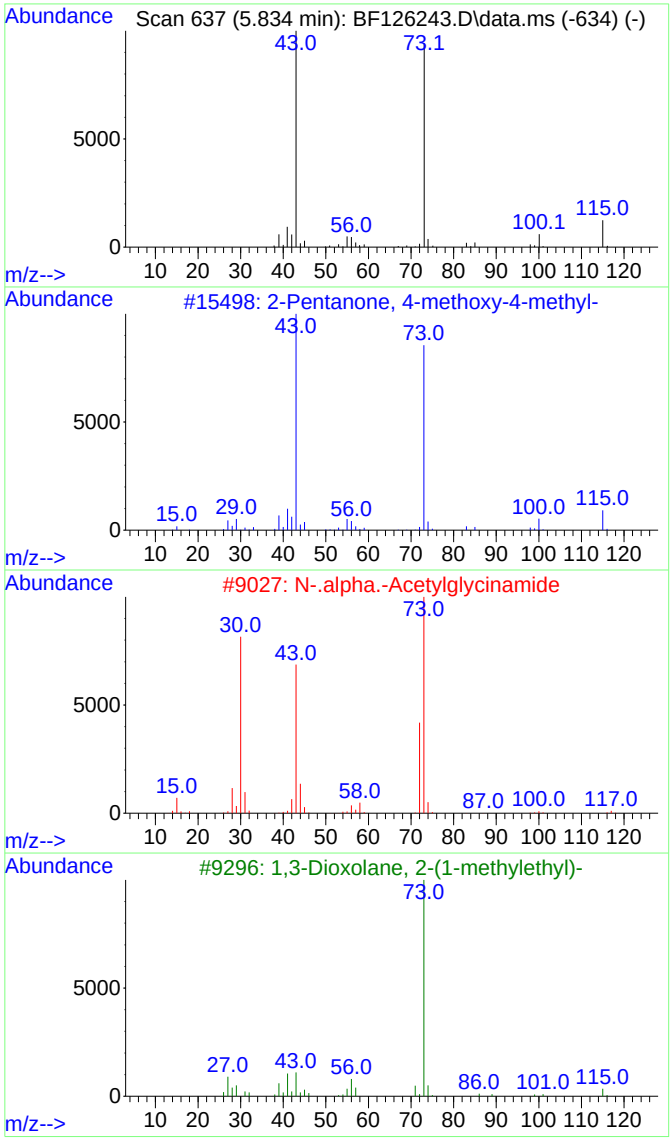
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

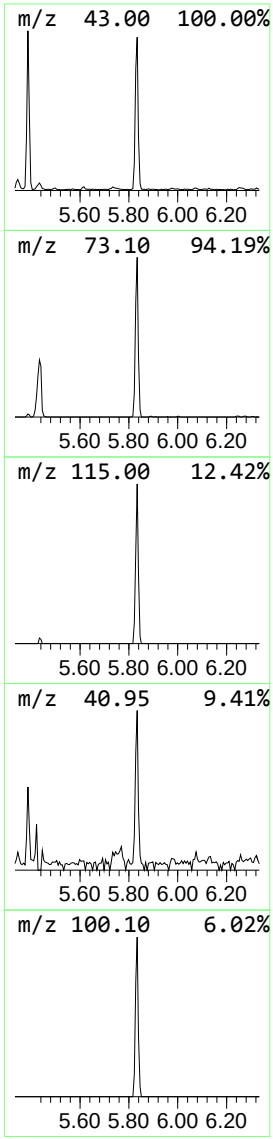
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	3.60 ng	219697	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Acq On : 17 Dec 2021 19:31
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Sample : M5086-01
Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

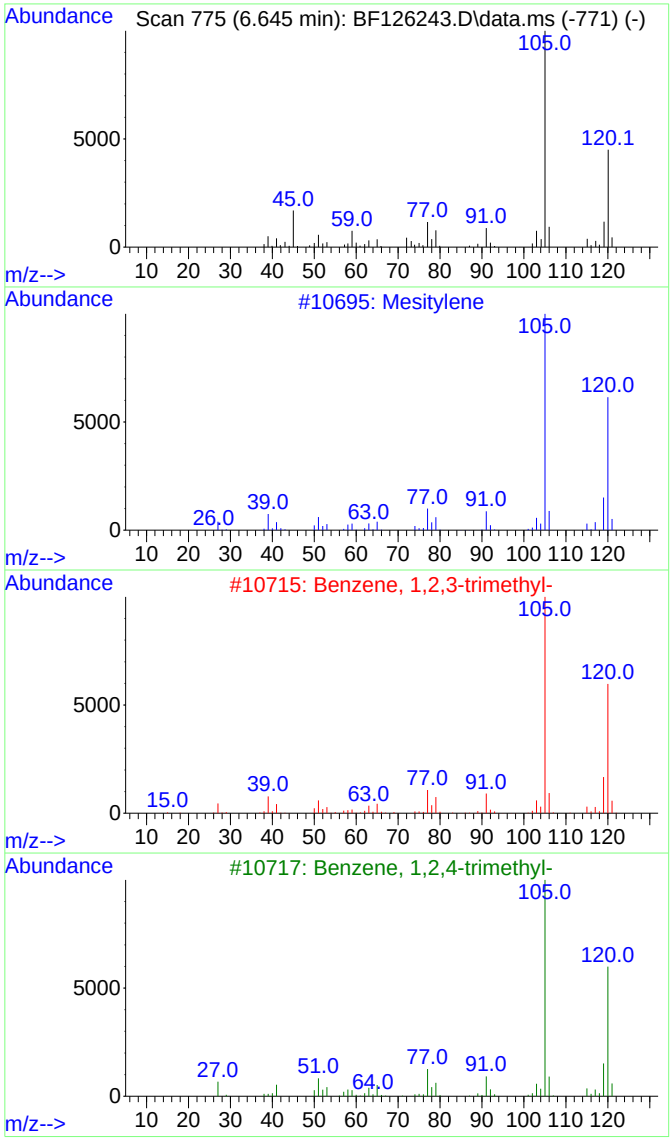
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

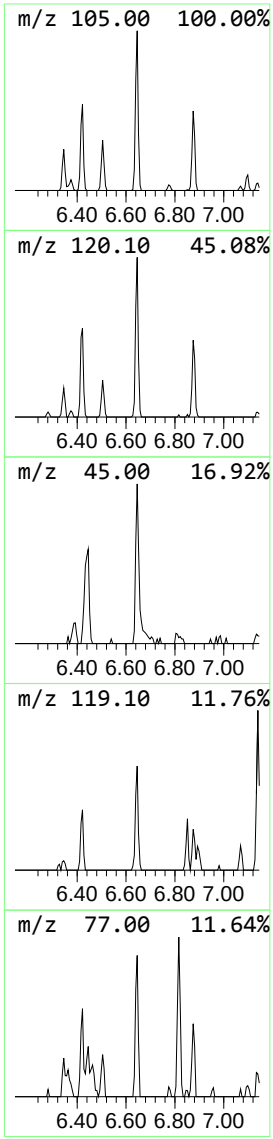
****

Peak Number 5 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	2.91 ng	177259	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

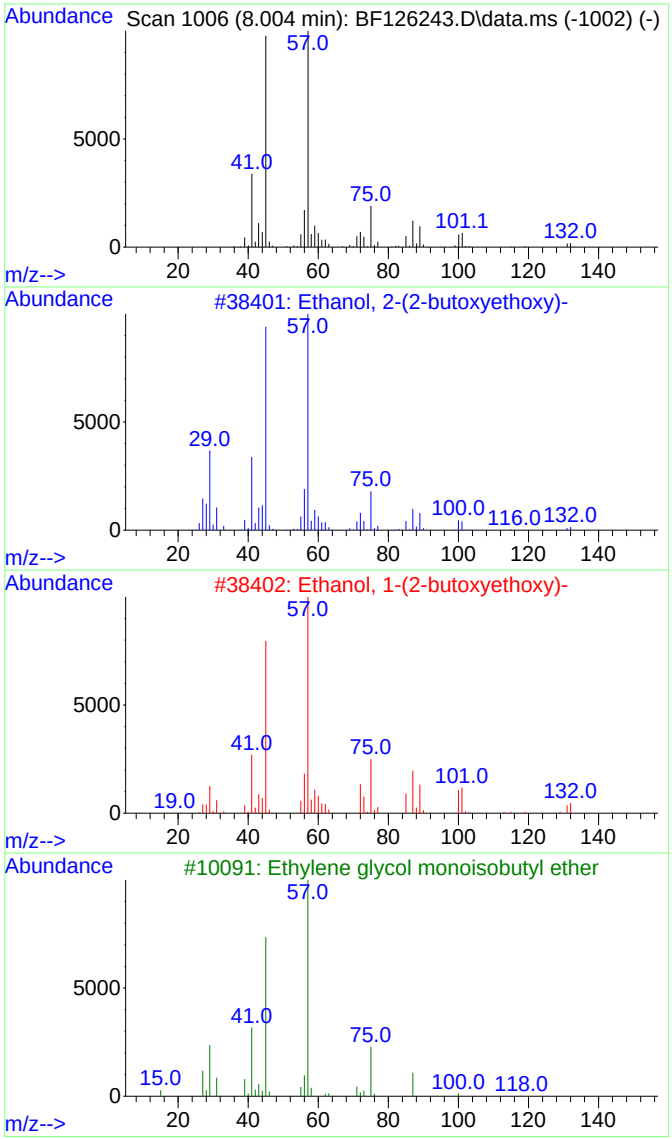
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

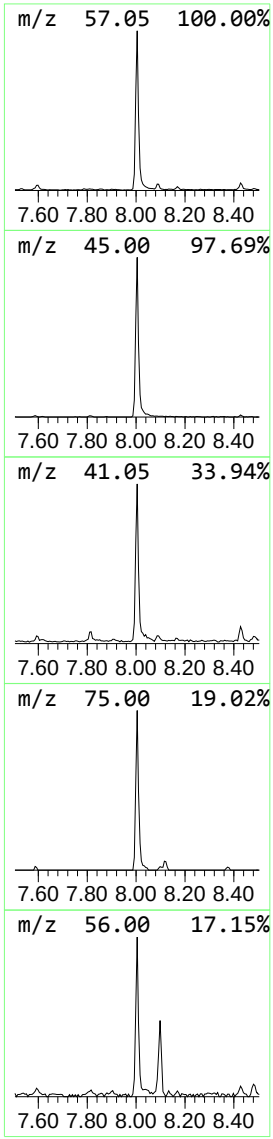
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	6.74 ng	546939	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
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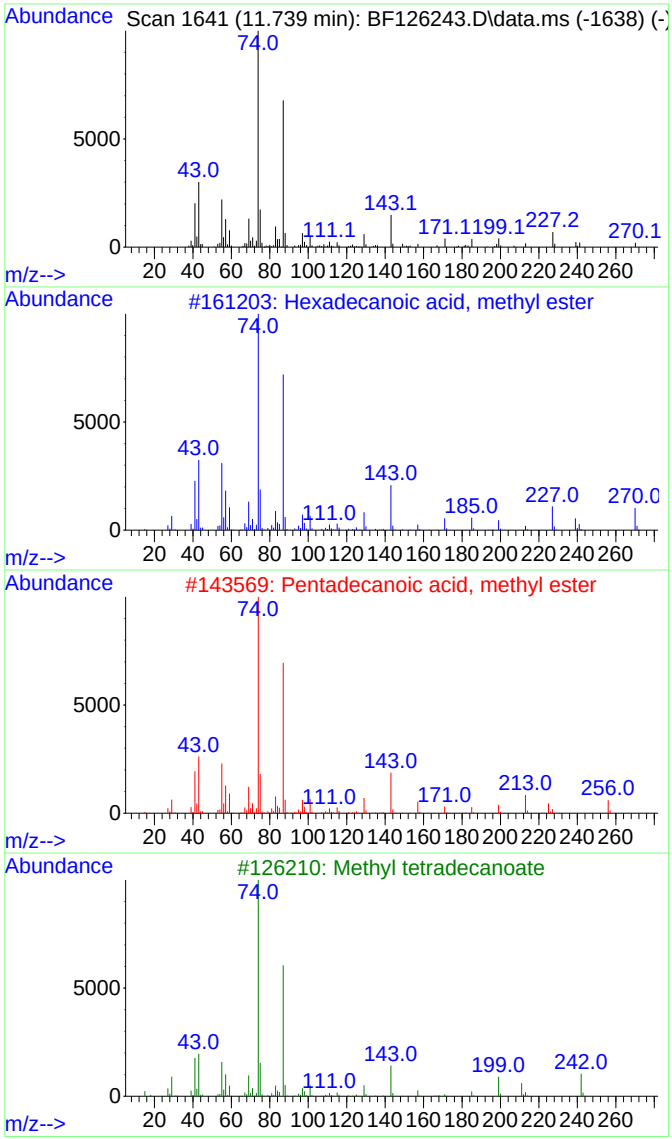
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

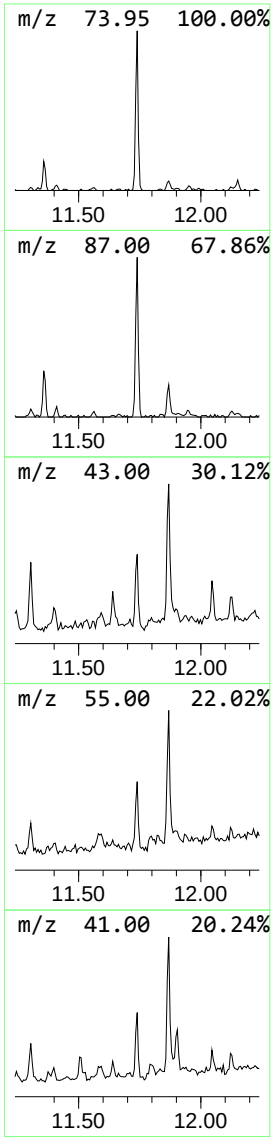
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	3.53 ng	204140	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86





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Misc :
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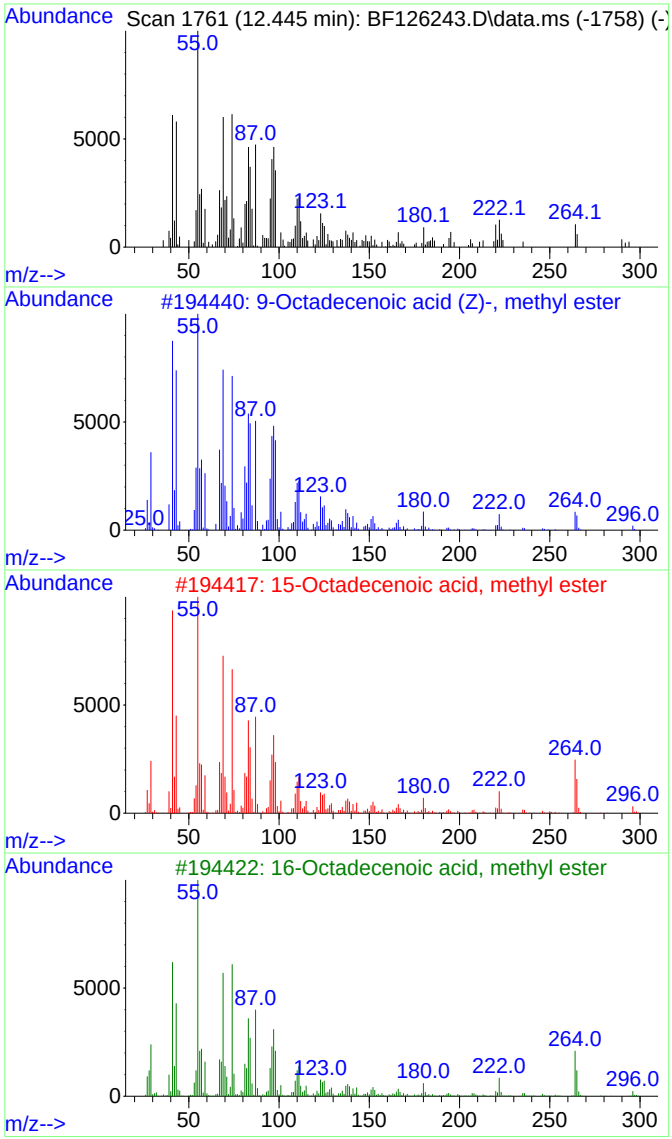
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

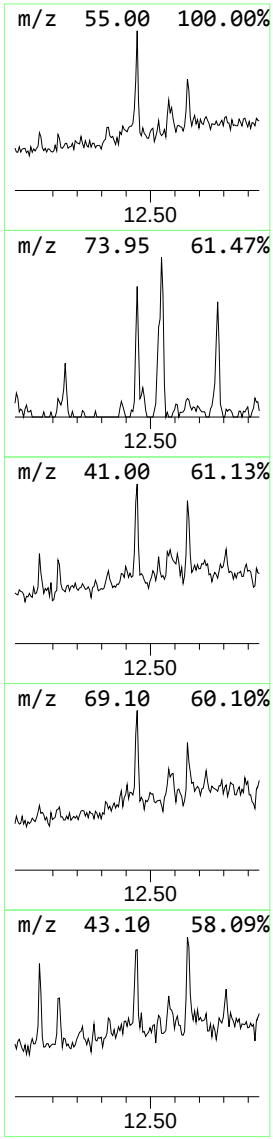
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.68 ng	212772	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91





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Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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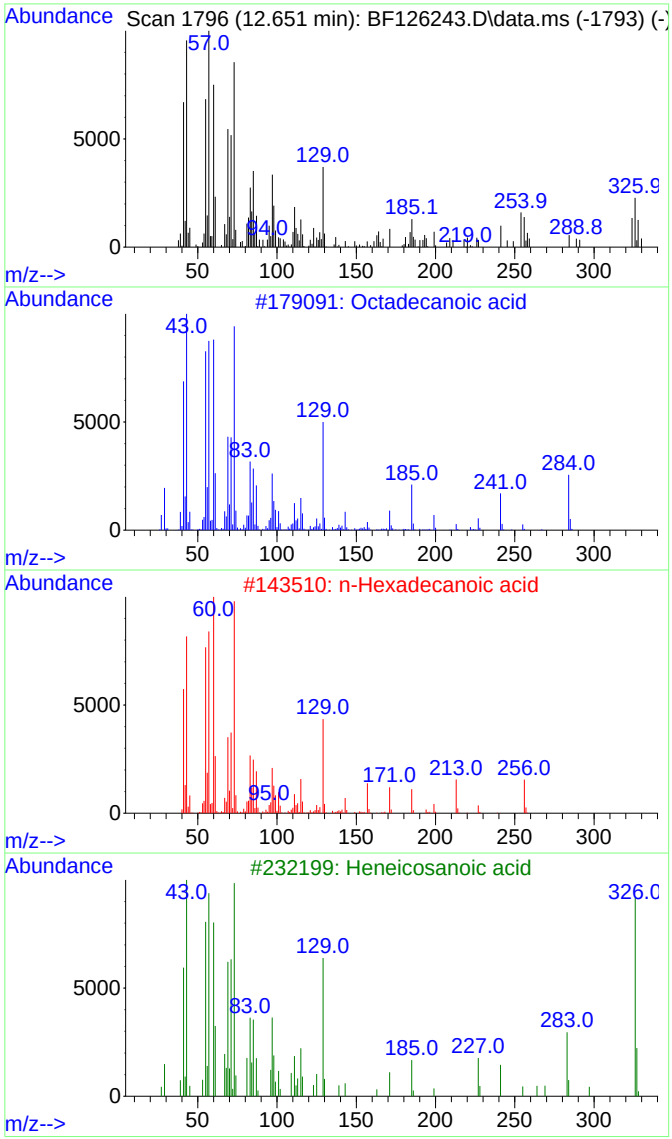
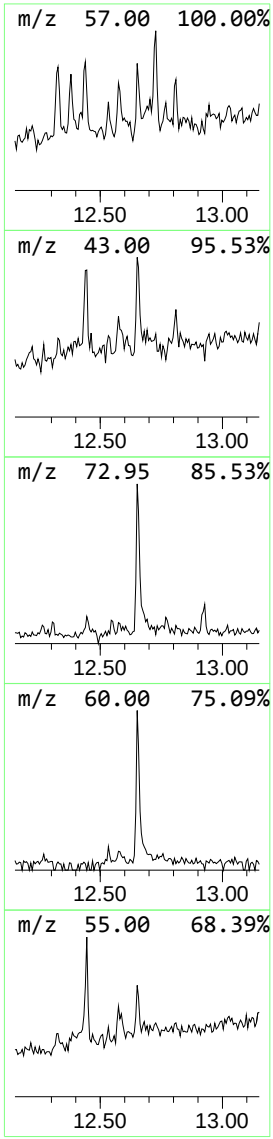
Peak Number 9 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	2.71 ng	156780	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Heneicosanoic acid	326	C21H42O2	002363-71-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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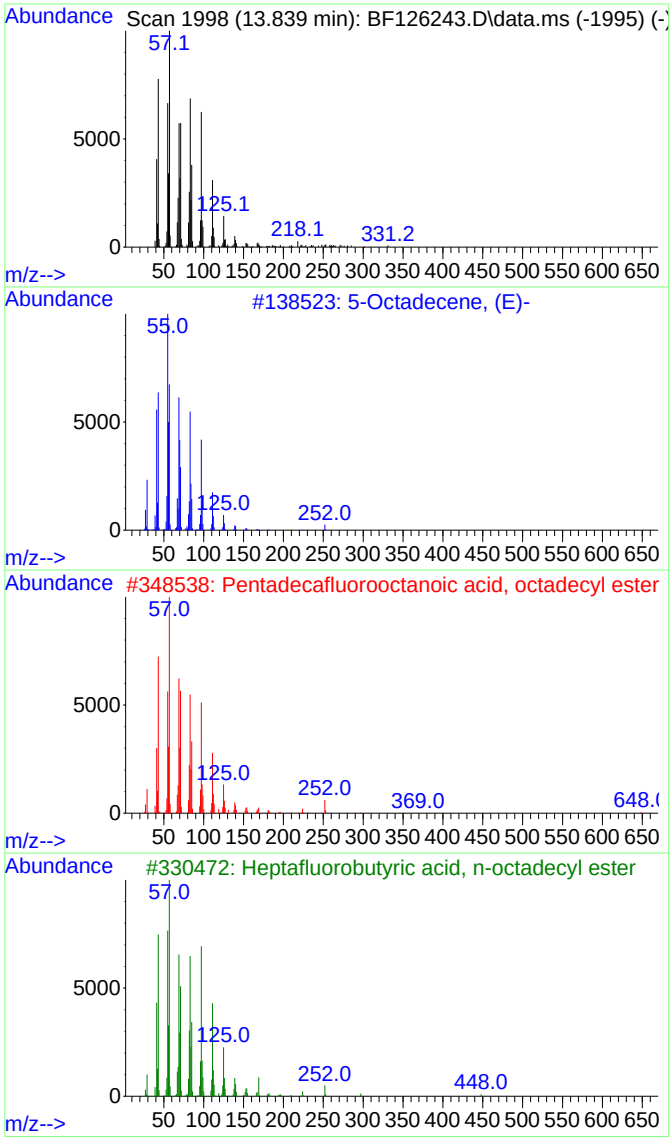
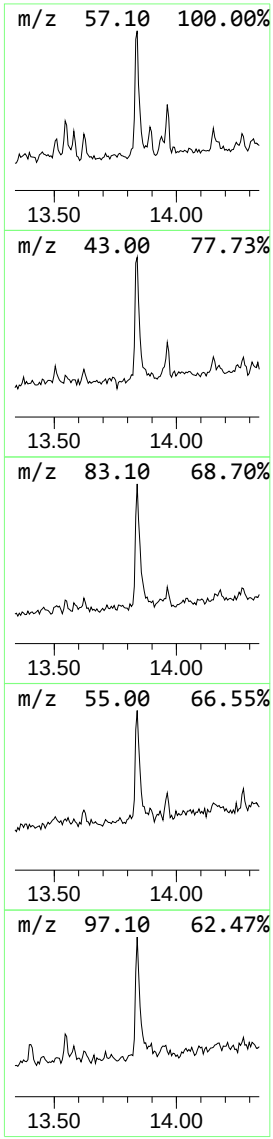
Peak Number 10 5-Octadecene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	5.89 ng	489189	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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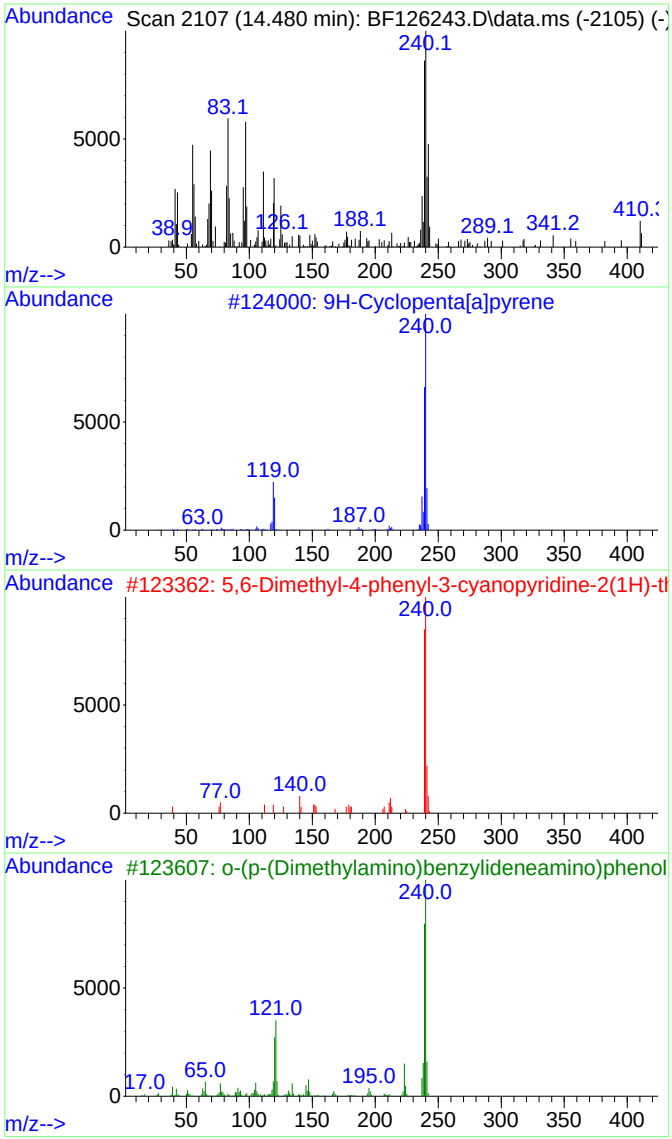
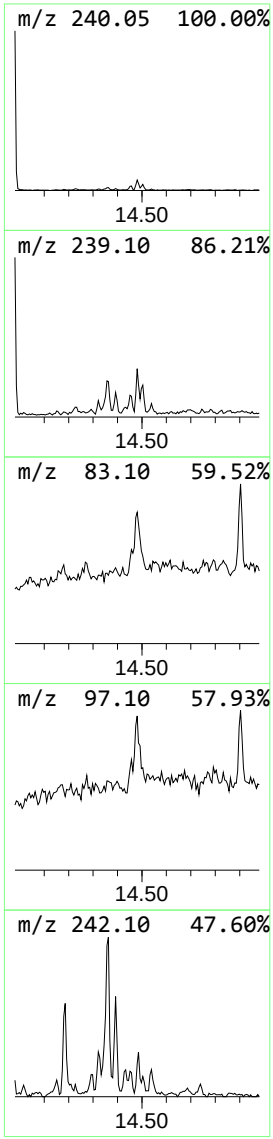
Peak Number 11 unknown14.480 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	3.18 ng	264205	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	47
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	46
3	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	37
4	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	35
5	9H-Pyrrolo[3,2-f]quinolin-9-one,...	240	C15H16N2O	1000319-84-1	32





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Sample : M5086-01
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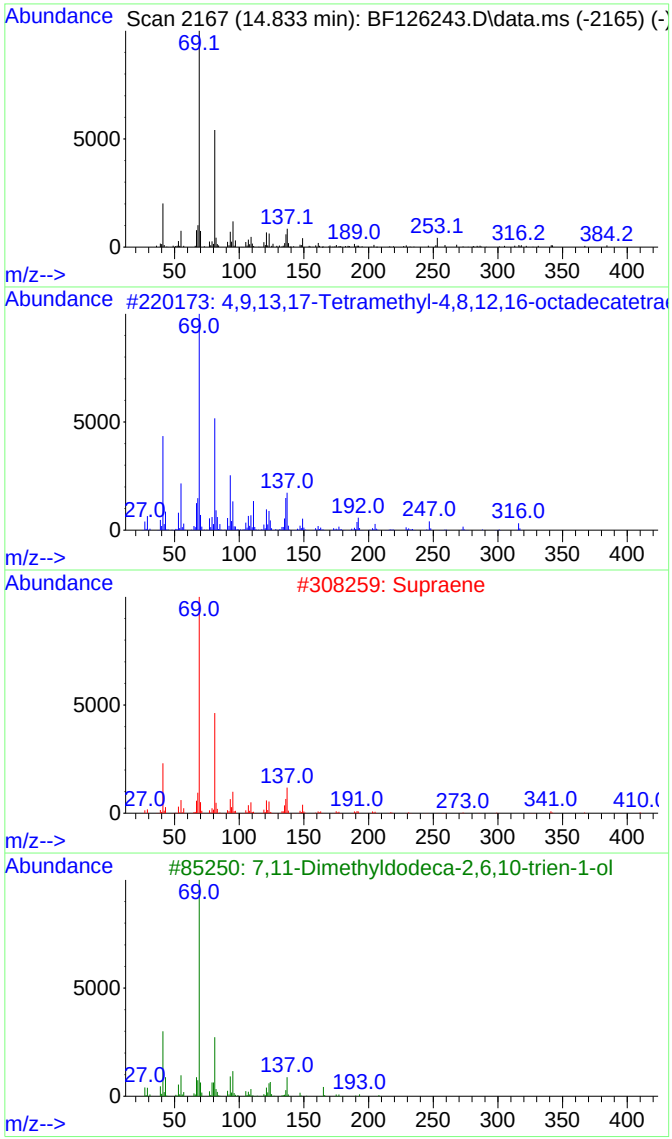
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

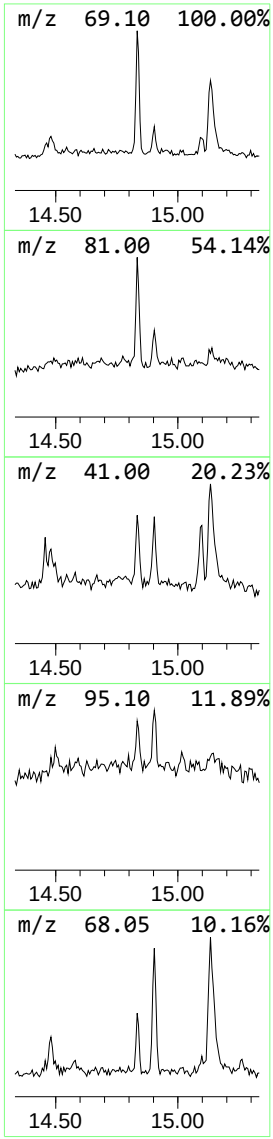
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4,9,13,17-Tetramethyl-4,8,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	7.51 ng	232580	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	87
2	Supraene	410	C30H50	007683-64-9	86
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72





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Sample : M5086-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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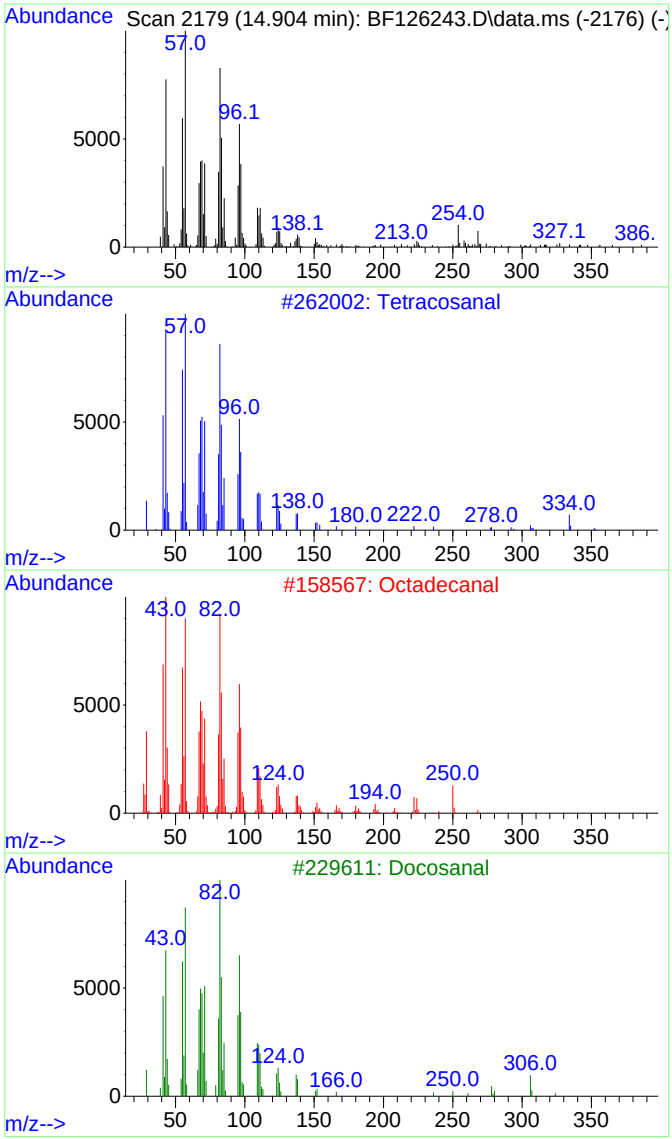
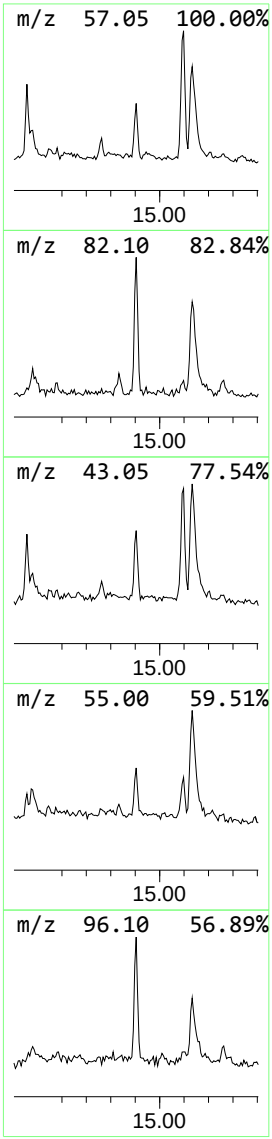
Peak Number 13 Tetracosanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	10.02 ng	310334	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanal	352	C24H48O	057866-08-7	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Docosanal	324	C22H44O	057402-36-5	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	Eicosanal-	296	C20H40O	002400-66-0	81





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Sample : M5086-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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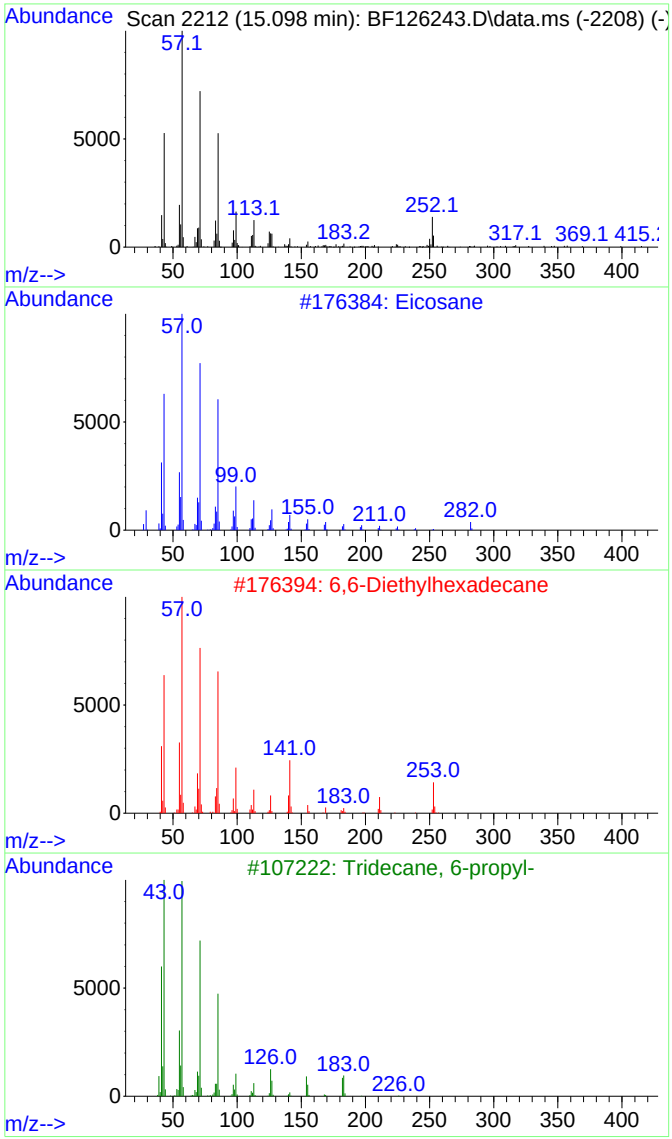
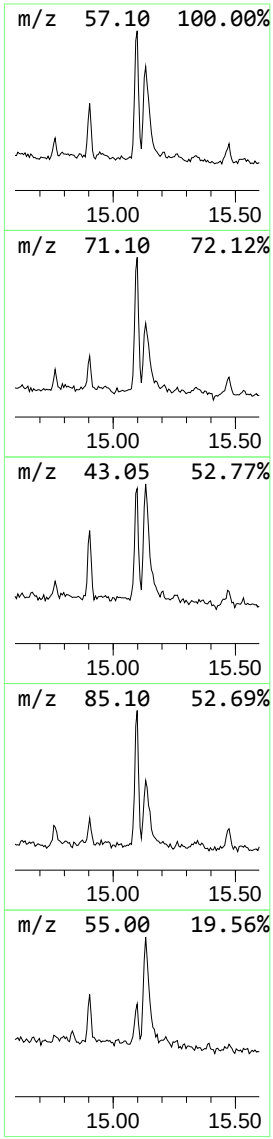
Peak Number 14 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	13.24 ng	410097	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	6,6-Diethylhexadecane	282	C20H42	1000360-41-4	80
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
4	Tetradecane	198	C14H30	000629-59-4	74
5	Heptadecane	240	C17H36	000629-78-7	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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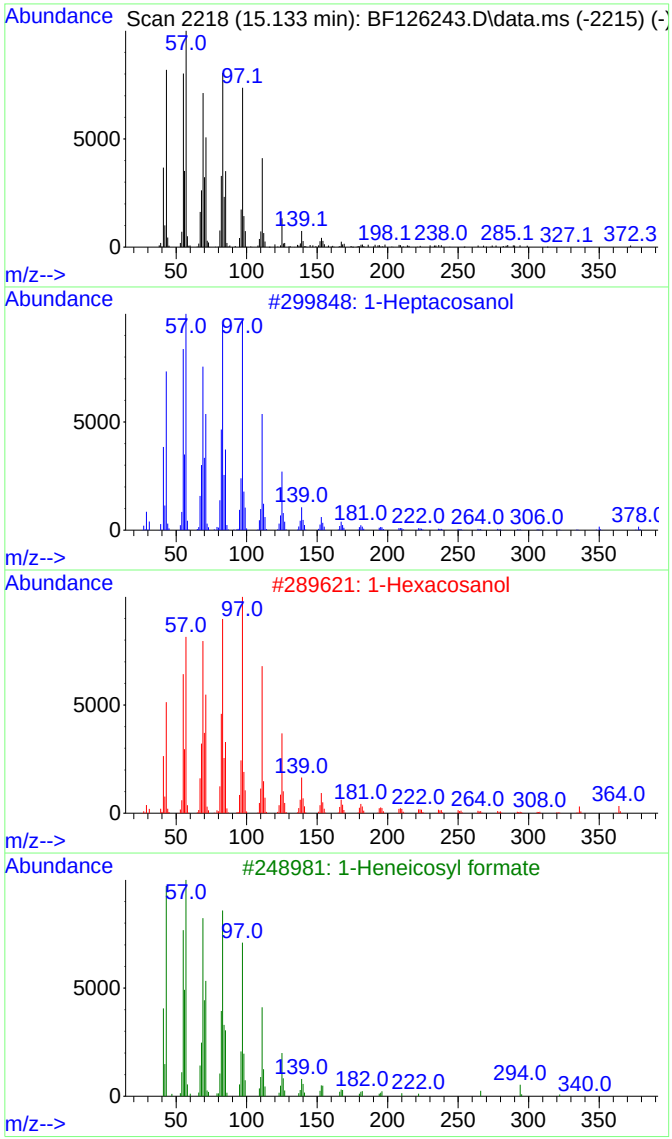
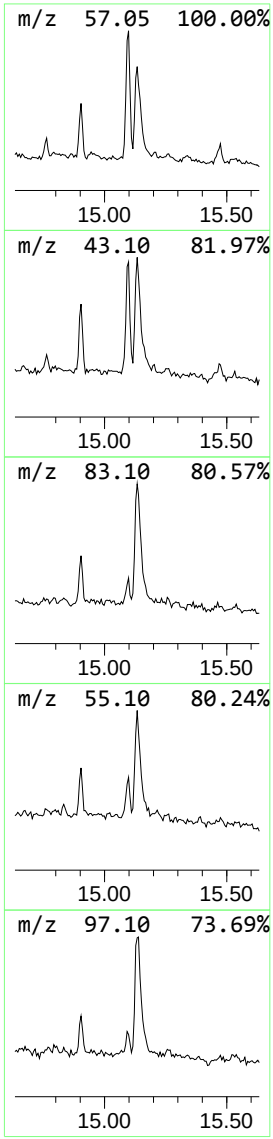
Peak Number 15 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	24.12 ng	747242	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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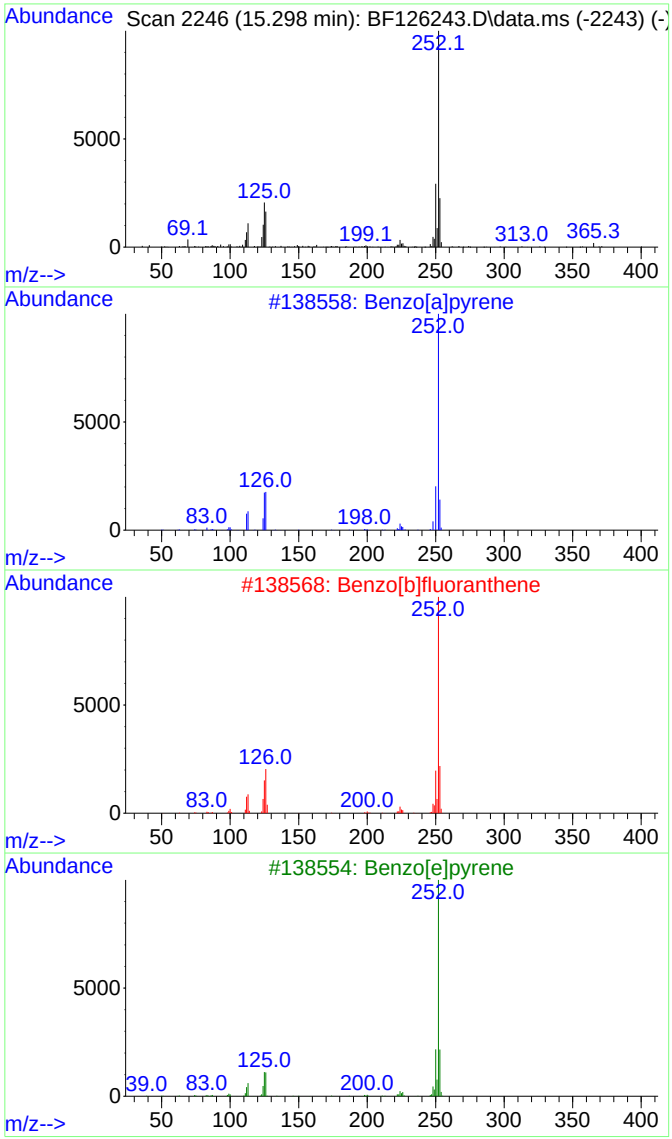
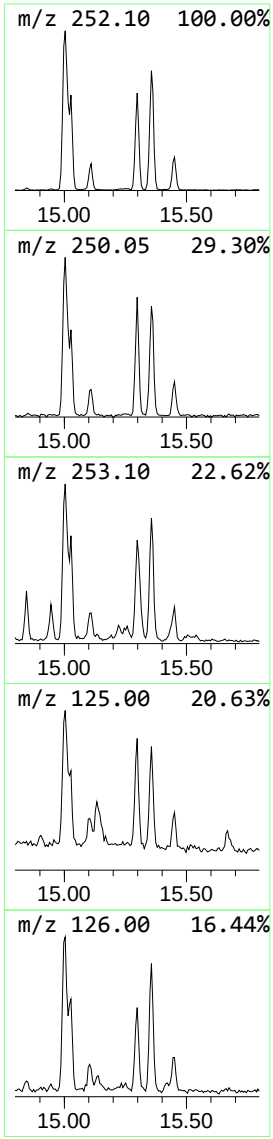
Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	11.31 ng	350272	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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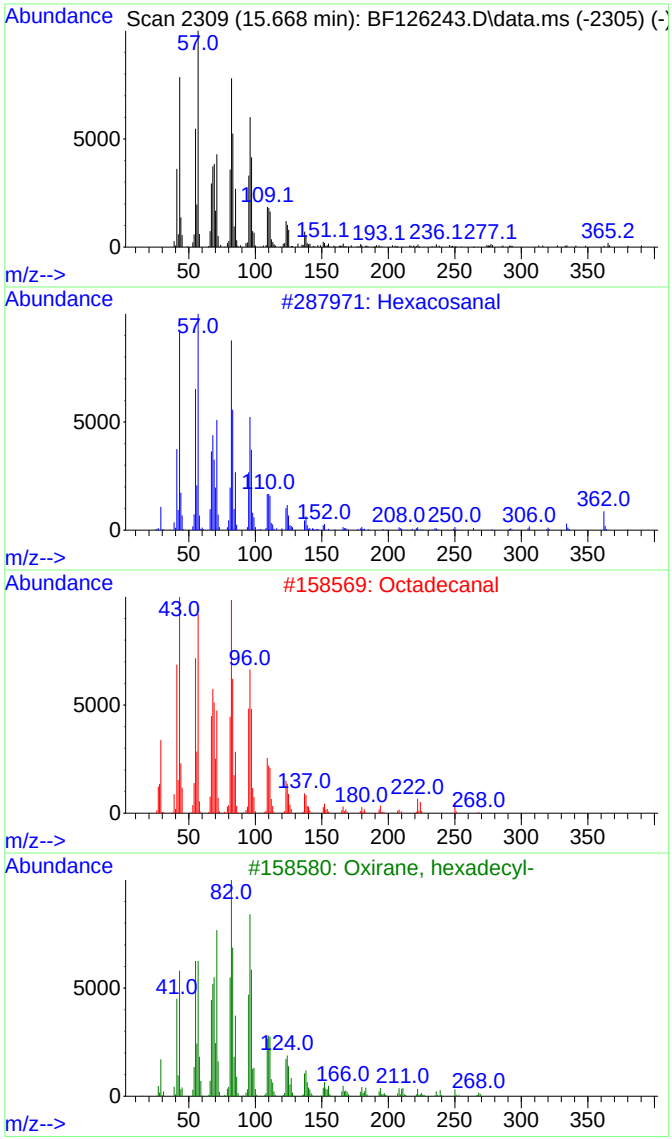
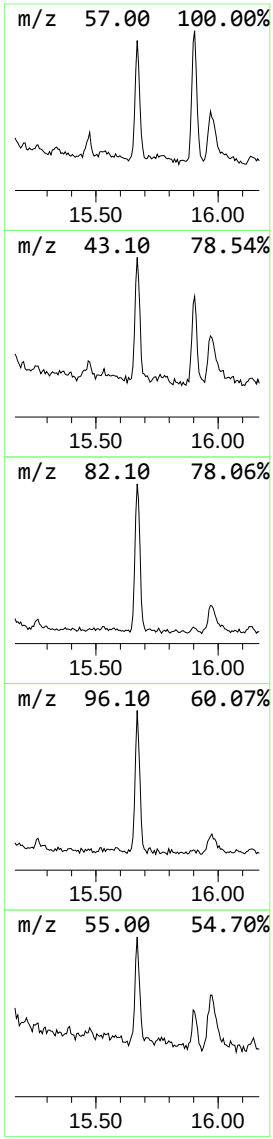
Peak Number 17 Hexacosanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.668	23.55 ng	729379	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	99
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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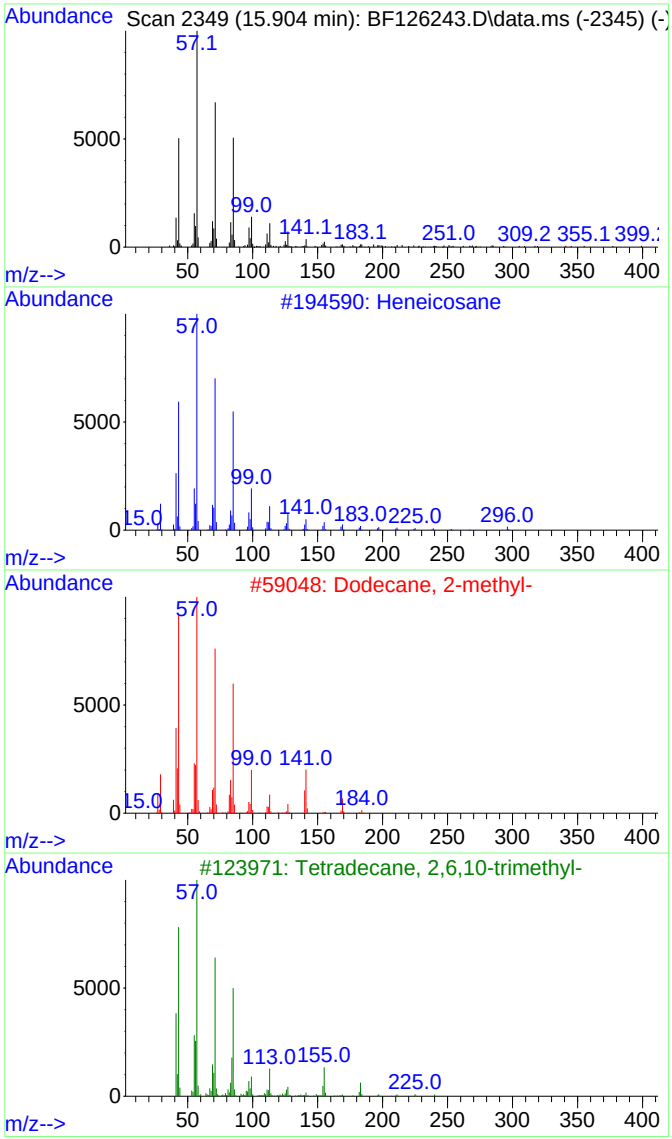
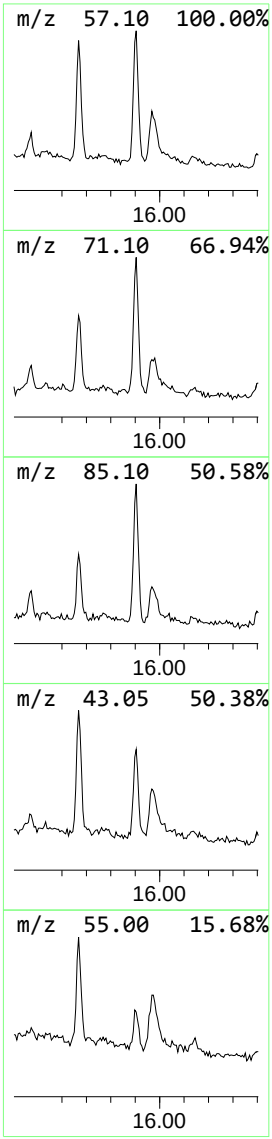
Peak Number 18 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	11.83 ng	366451	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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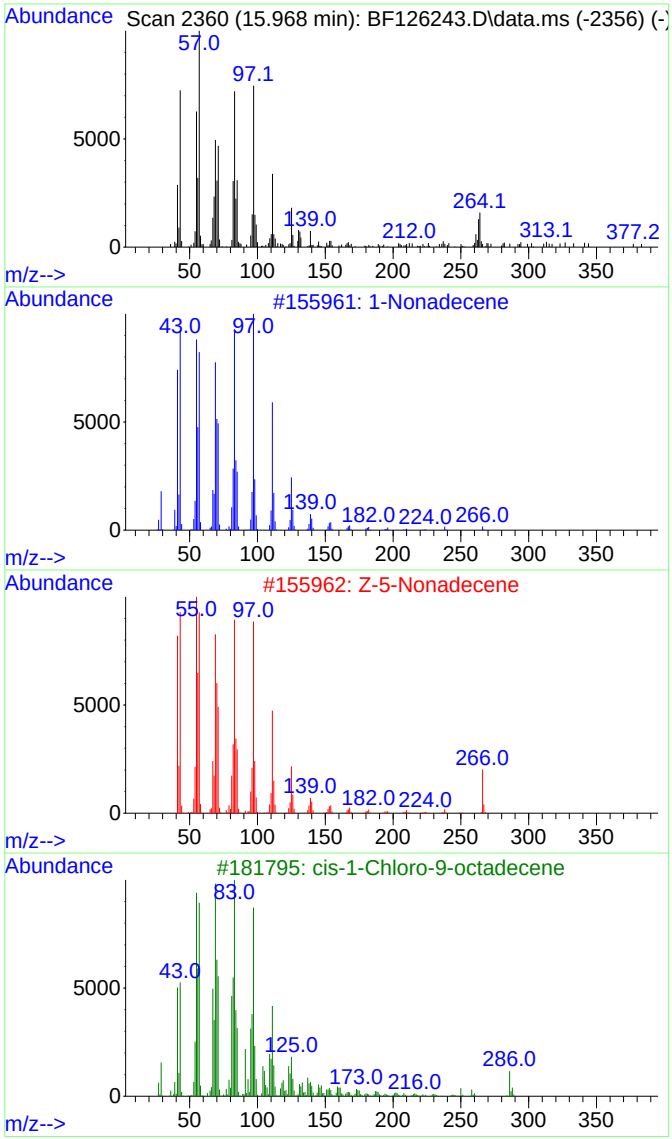
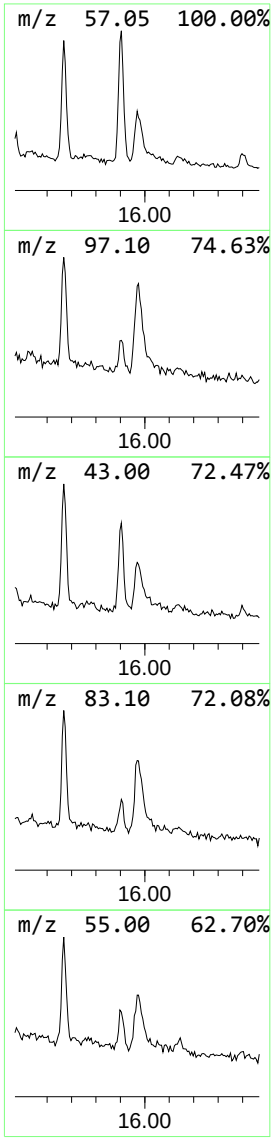
Peak Number 19 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	15.87 ng	491476	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
3	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	89
4	Henicos-1-ene	294	C21H42	001599-68-4	89
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





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Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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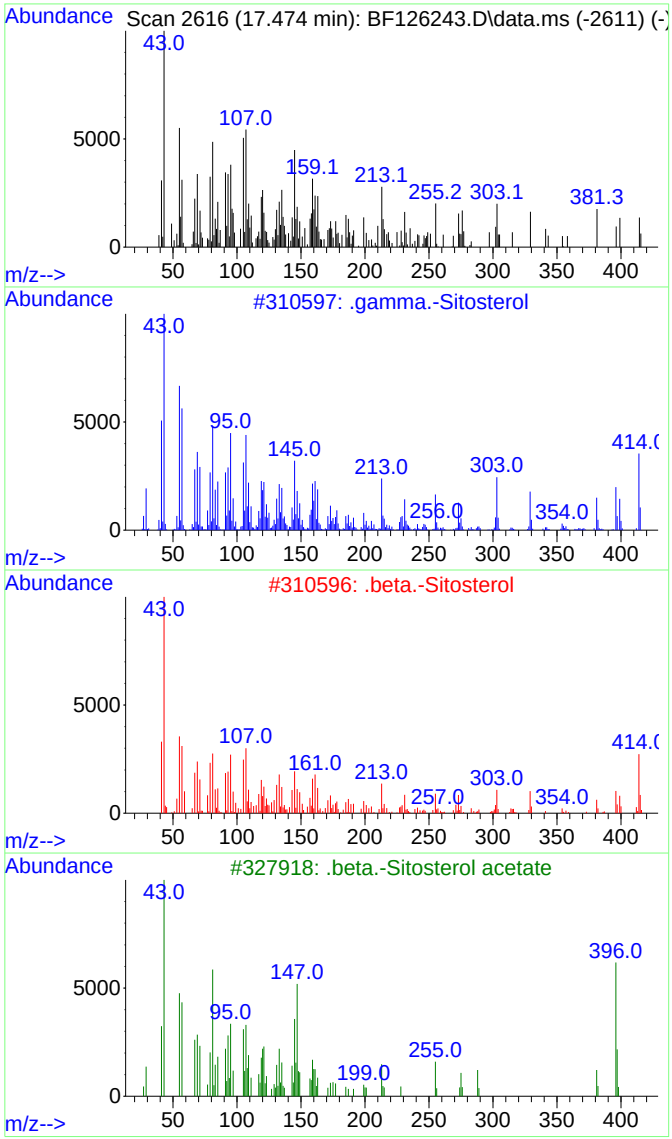
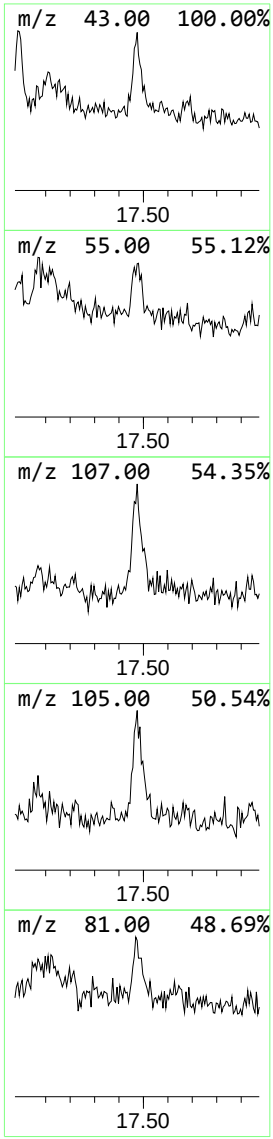
Peak Number 20 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.474	12.89 ng	399282	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	86
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	43
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	41
5	Stigmasta-3,5-diene	396	C29H48	004970-37-0	37





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Data File : BF126243.D
Acq On : 17 Dec 2021 19:31
Operator : JU/CG
Sample : M5086-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.122	9.9	ng	603900	1	6.816	1218960	20.0
3-Penten-2-one,...	4.404	4.5	ng	275317	1	6.816	1218960	20.0
2-Pentanone, 4-...	5.034	45.6	ng	2782530	1	6.816	1218960	20.0
2-Pentanone, 4-...	5.834	3.6	ng	219697	1	6.816	1218960	20.0
Mesitylene	6.645	2.9	ng	177259	1	6.816	1218960	20.0
Ethanol, 2-(2-b...	8.004	6.7	ng	546939	2	8.098	1623350	20.0
Hexadecanoic ac...	11.739	3.5	ng	204140	4	11.339	1156910	20.0
9-Octadecenoic ...	12.445	3.7	ng	212772	4	11.339	1156910	20.0
Octadecanoic acid	12.651	2.7	ng	156780	4	11.339	1156910	20.0
5-Octadecene, (E)-	13.839	5.9	ng	489189	5	13.974	1661070	20.0
unknown14.480	14.480	3.2	ng	264205	5	13.974	1661070	20.0
4,9,13,17-Tetra...	14.833	7.5	ng	232580	6	15.421	619481	20.0
Tetracosanal	14.904	10.0	ng	310334	6	15.421	619481	20.0
Eicosane	15.098	13.2	ng	410097	6	15.421	619481	20.0
1-Heptacosanol	15.133	24.1	ng	747242	6	15.421	619481	20.0
Benzo[e]pyrene	15.298	11.3	ng	350272	6	15.421	619481	20.0
Hexacosanal	15.668	23.6	ng	729379	6	15.421	619481	20.0
Heneicosane	15.904	11.8	ng	366451	6	15.421	619481	20.0
1-Nonadecene	15.968	15.9	ng	491476	6	15.421	619481	20.0
.gamma.-Sitosterol	17.474	12.9	ng	399282	6	15.421	619481	20.0