LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	295	301	307	rVB	13966	23005	1.27%	0.121%
2	5.093	483	493	499	rBV2	20642	37085	2.06%	0.195%
3	5.493	555	561	575	rBV	1394424	1804334	100.00%	9.476%
4	6.498	726	732	744	rBV	1224476	1561286	86.53%	8.200%
5	6.887	792	798	803	rBV	518924	658724	36.51%	3.460%
6	7.440	884	892	897	rBV	787227	989014	54.81%	5.194%
7	8.163	1008	1015	1022	rBV	549421	720293	39.92%	3.783%
8	8.228	1022	1026	1029	rVB	19951	25133	1.39%	0.132%
9	8.463	1060	1066	1072	rBV5	12326	29086	1.61%	0.153%
10	8.587	1083	1087	1098	rVB	28027	45277	2.51%	0.238%
11	8.757	1112	1116	1120	rBV	19891	24477	1.36%	0.129%
12	9.045	1160	1165	1168	rBV4	12294	23923	1.33%	0.126%
13	9.122	1174	1178	1181	rBV	17117	21794	1.21%	0.114%
14	9.186	1186	1189	1193	rVB	28869	34170	1.89%	0.179%
15	9.239	1193	1198	1203	rBV	1065714	1301629	72.14%	6.836%
16	9.322	1207	1212	1217	rBV	44648	62184	3.45%	0.327%
17	9.581	1252	1256	1262	rBV4	12084	18295	1.01%	0.096%
18	9.639	1262	1266	1270	rVV3	28784	47737	2.65%	0.251%
19	9.681	1270	1273	1280	rVB2	17813	37775	2.09%	0.198%
20	9.851	1298	1302	1306	rVB	16759	23261	1.29%	0.122%
21	9.922	1309	1314	1318	rBV	512671	619907	34.36%	3.256%
22	10.216	1360	1364	1375	rVB	13200	23700	1.31%	0.124%
23	10.333	1380	1384	1390	rVB3	9428	18266	1.01%	0.096%
24	10.633	1431	1435	1442	rVB	41433	53336	2.96%	0.280%
25	10.710	1442	1448	1459	rBV	808762	1083667	60.06%	5.691%
26	10.945	1480	1488	1493	rVB	16351	25641	1.42%	0.135%
27	11.410	1562	1567	1575	rBV2	515725	721914	40.01%	3.791%
28	11.486	1575	1580	1583	rVB2	12689	22930	1.27%	0.120%
29	11.639	1600	1606	1612	rBV2	9958	20470	1.13%	0.108%
30	11.933	1649	1656	1668	rVV3	177508	320170	17.74%	1.681%
31	12.027	1668	1672	1680	rVB2	16284	35984	1.99%	0.189%
32	12.622	1769	1773	1777	rBV	109785	150469	8.34%	0.790%
33	12.669	1777	1781	1786	rVB	50951	67638	3.75%	0.355%
34	12.722	1786	1790	1797	rBV3	33583	56718	3.14%	0.298%
35	12.851	1805	1812	1826	rVB2	115143	256944	14.24%	1.349%
36	12.998	1831	1837	1843	rVV	1387843	1773841	98.31%	9.316%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.233	1873	1877	1882	rBV2	41629	70391	3.90%	0.370%
38	13.433	1908	1911	1915	rBV2	21161	34527	1.91%	0.181%
39	13.574	1931	1935	1939	rBV	50036	64604	3.58%	0.339%
40	13.857	1978	1983	1987	rBV4	43995	85345	4.73%	0.448%
41	13.904	1987	1991	1993	rBV2	70454	93670	5.19%	0.492%
42	14.051	2011	2016	2029	rVB	860635	1264803	70.10%	6.643%
43	14.221	2041	2045	2050	rVB	68400	93992	5.21%	0.494%
44	14.521	2092	2096	2100	rBV	94378	122761	6.80%	0.645%
45	14.816	2142	2146	2158	rBV3	204325	418515	23.19%	2.198%
46	14.916	2159	2163	2170	rVB2	49080	74656	4.14%	0.392%
47	15.098	2190	2194	2203	rVV	91214	213512	11.83%	1.121%
48	15.180	2203	2208	2217	rVB	154680	256727	14.23%	1.348%
49	15.404	2243	2246	2252	rVB	43917	63619	3.53%	0.334%
50	15.463	2253	2256	2262	rVV	57152	88722	4.92%	0.466%
51	15.533	2262	2268	2282	rVB	802640	1369109	75.88%	7.190%
52	16.015	2346	2350	2356	rVB	69724	120057	6.65%	0.631%
53	16.292	2389	2397	2419	rVB4	132817	530279	29.39%	2.785%
54	16.462	2420	2426	2434	rBV2	228135	486803	26.98%	2.557%
55	17.204	2547	2552	2559	rBV2	87463	174403	9.67%	0.916%
56	17.680	2627	2633	2654	rBV9	106084	409064	22.67%	2.148%
57	18.692	2800	2805	2821	rVB4	80528	265126	14.69%	1.392%

Sum of corrected areas: 19040762

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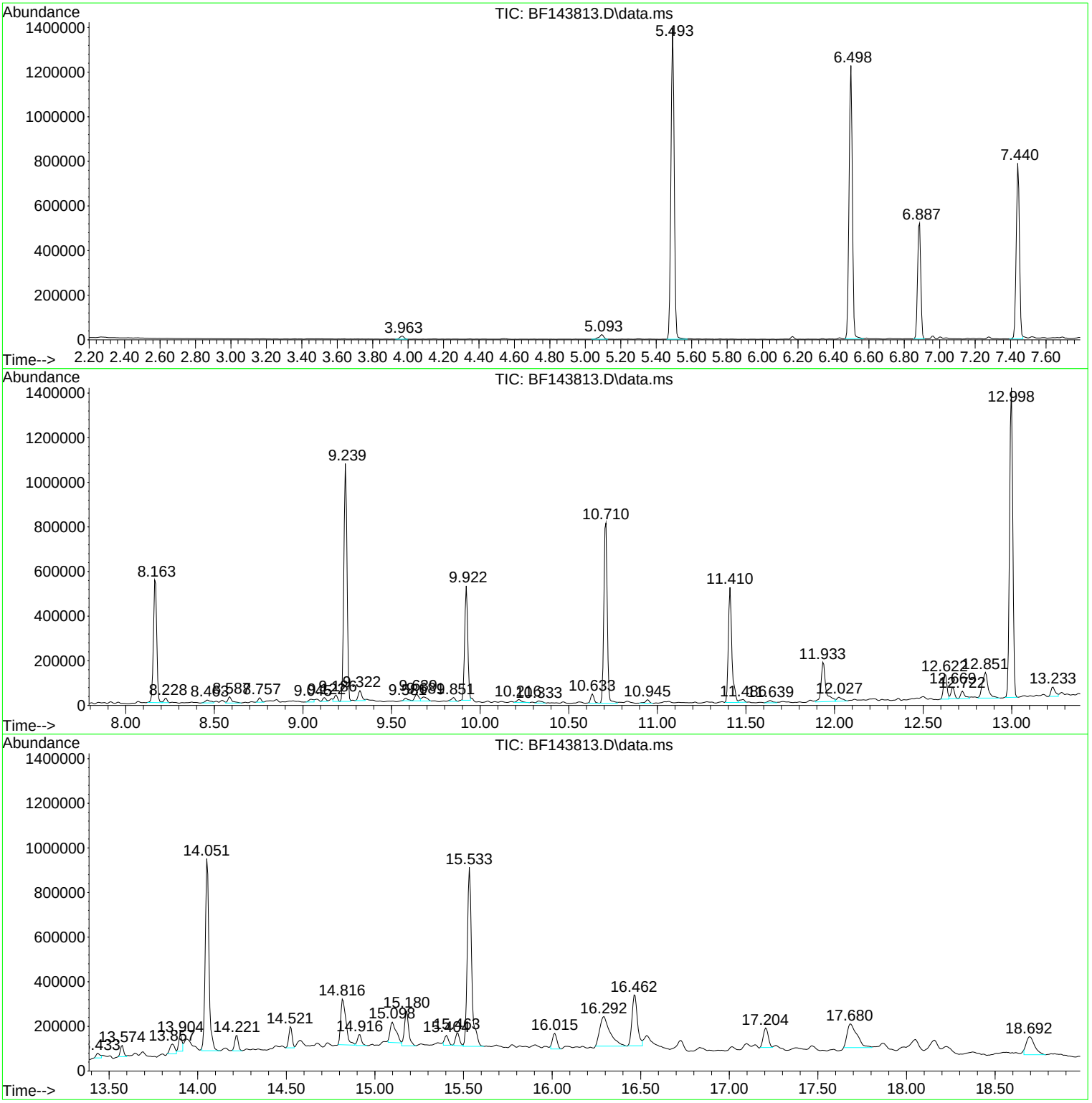
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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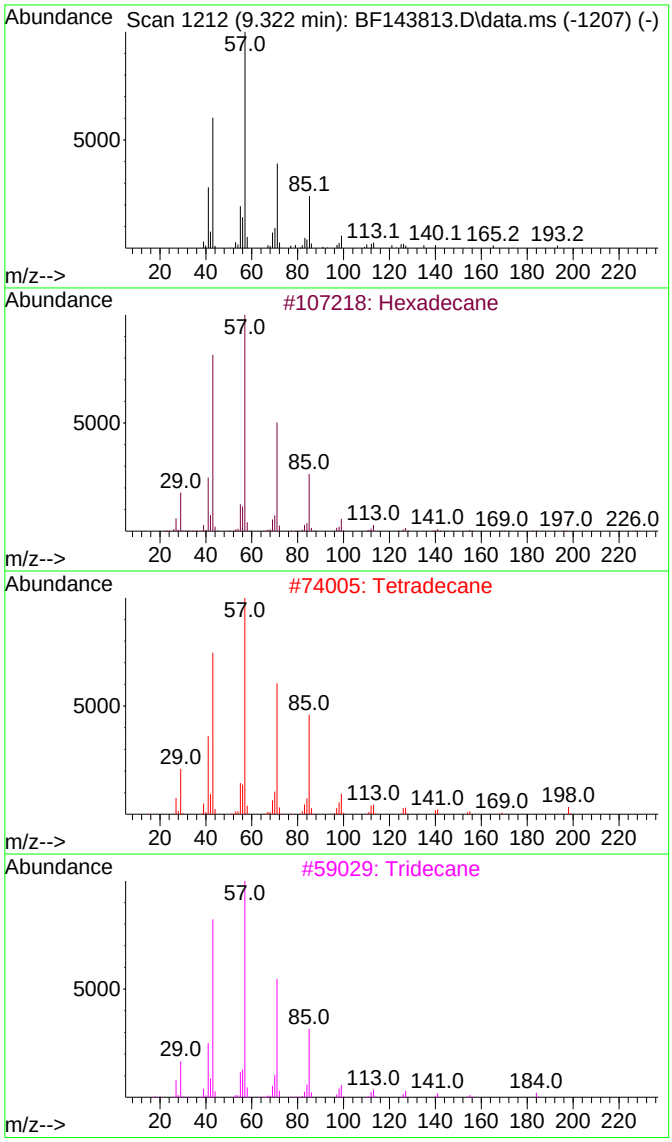
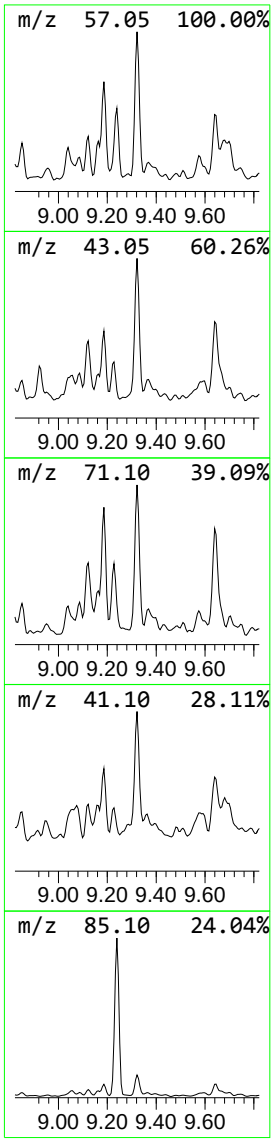
Peak Number 1 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	2.01 ng	62184	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane	184	C13H28	000629-50-5	78
4	Nonadecane	268	C19H40	000629-92-5	72
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64





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Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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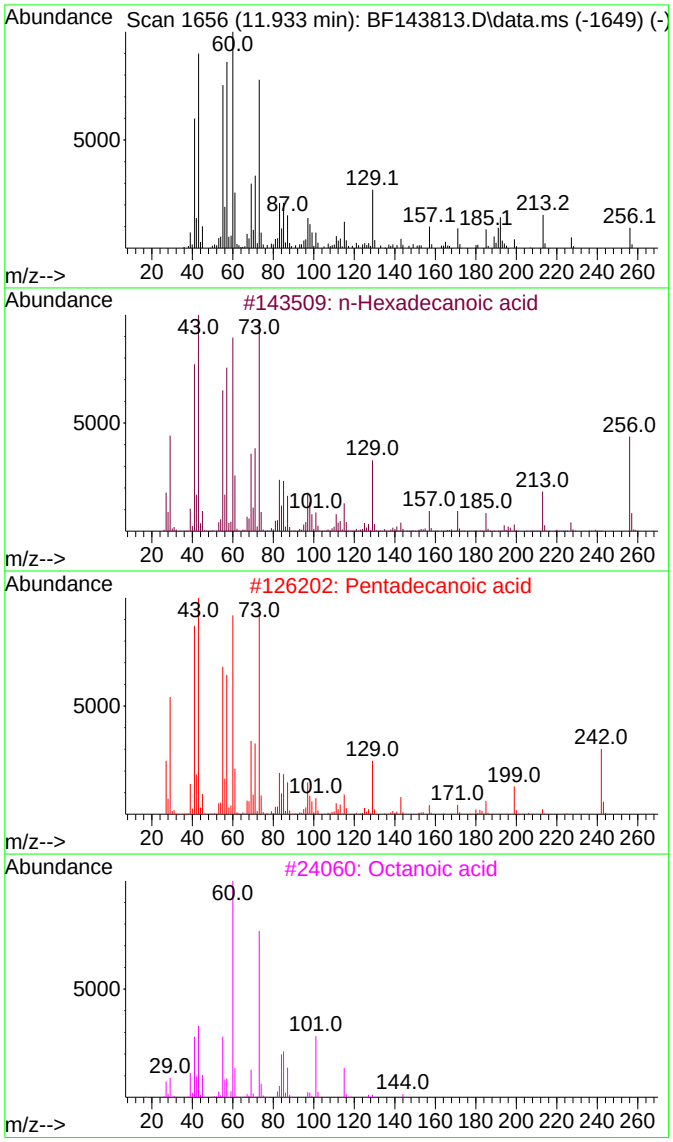
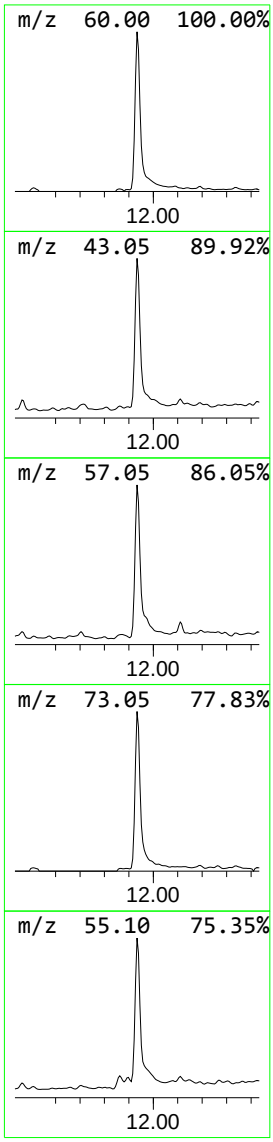
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	8.87 ng	320170	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Octanoic acid	144	C8H16O2	000124-07-2	60
4	Nonanoic acid	158	C9H18O2	000112-05-0	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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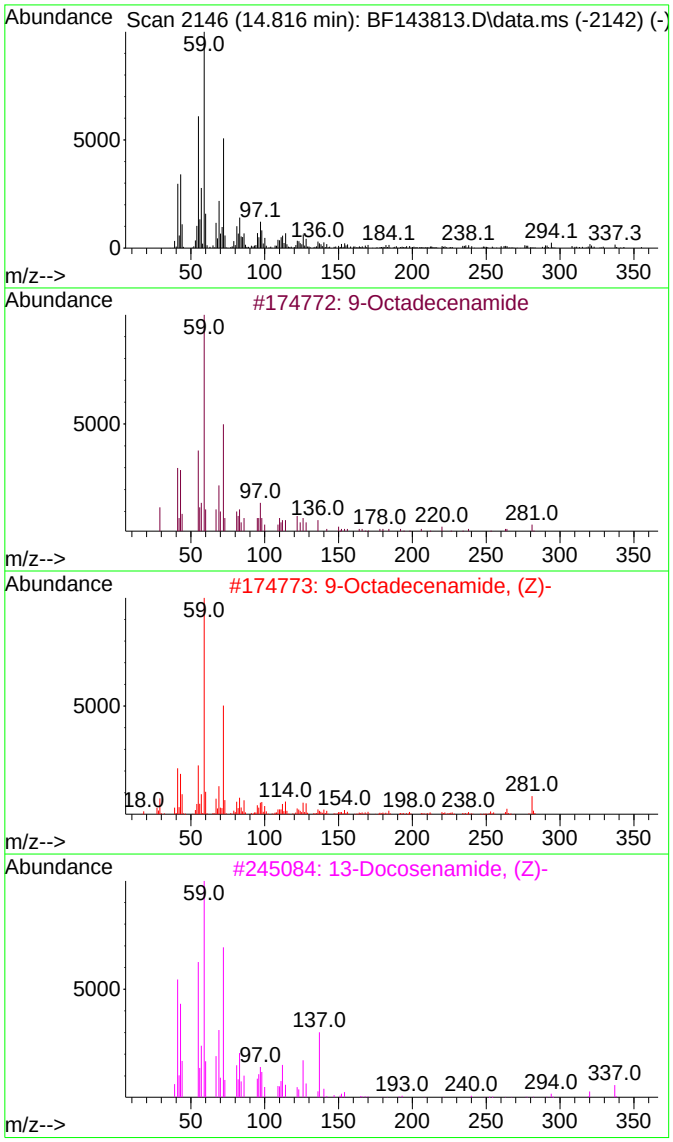
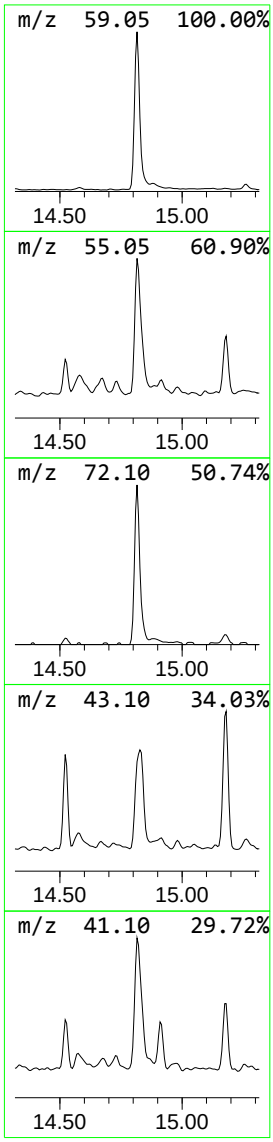
Peak Number 3 9-Octadecenamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	6.11 ng	418515	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide	281	C18H35NO	003322-62-1	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
4	7-Nonenamide	155	C9H17NO	090949-53-4	74
5	Palmitoleamide	253	C16H31NO	106010-22-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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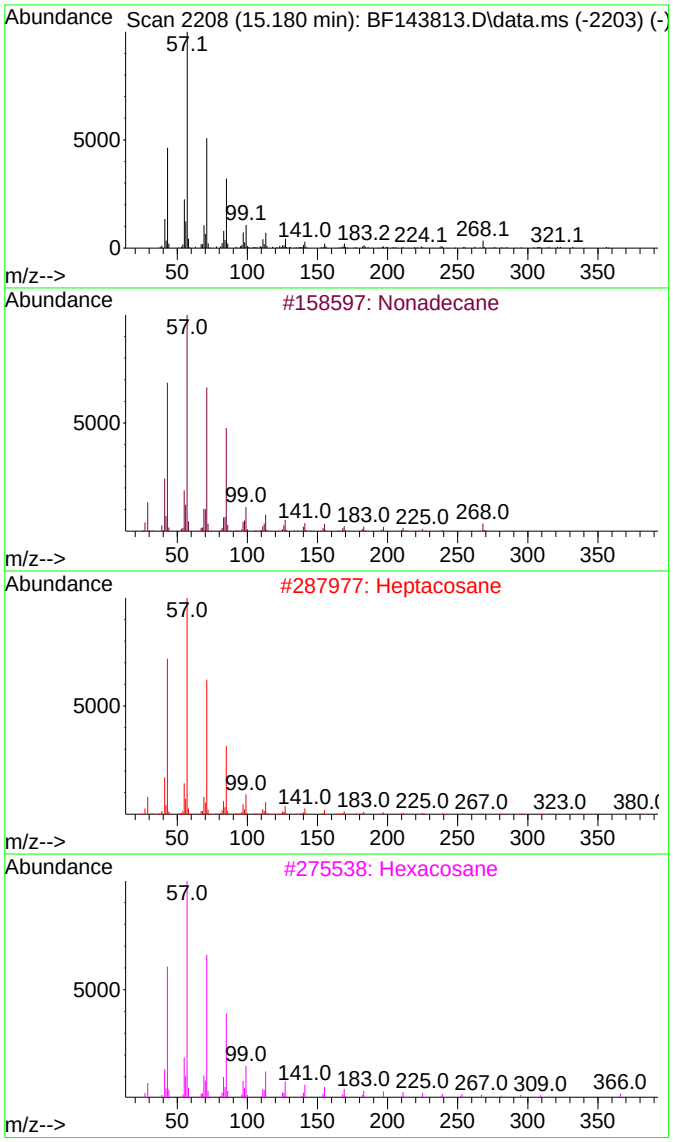
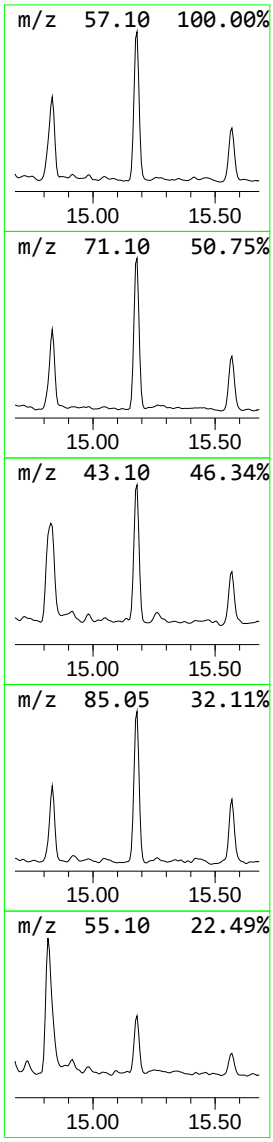
Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	3.75 ng	256727	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

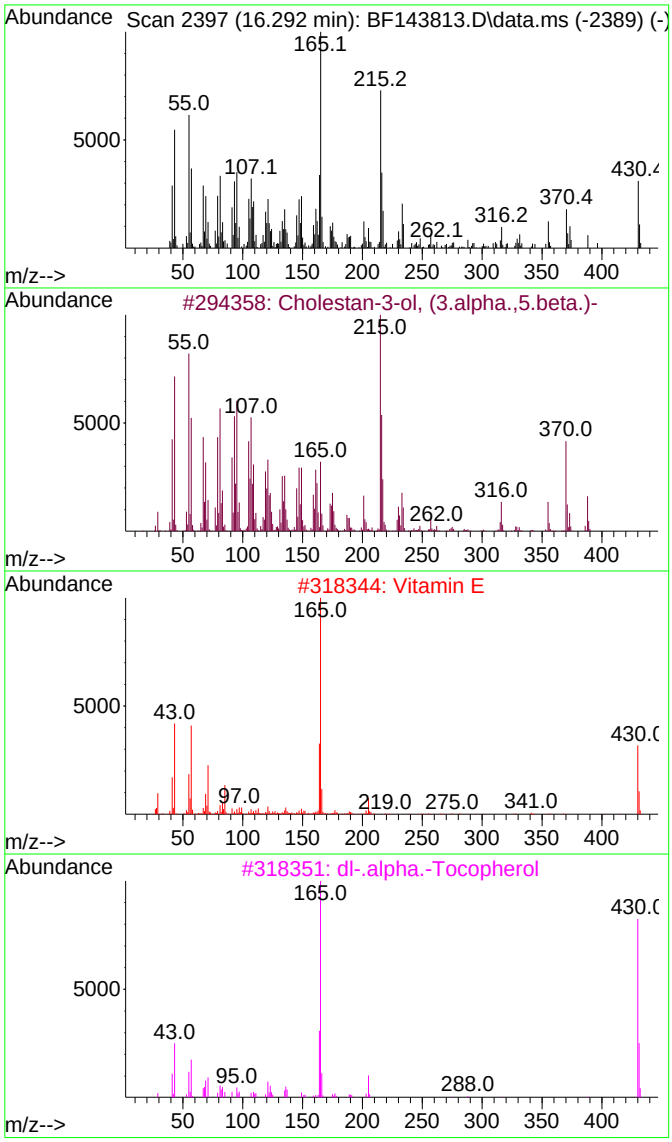
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

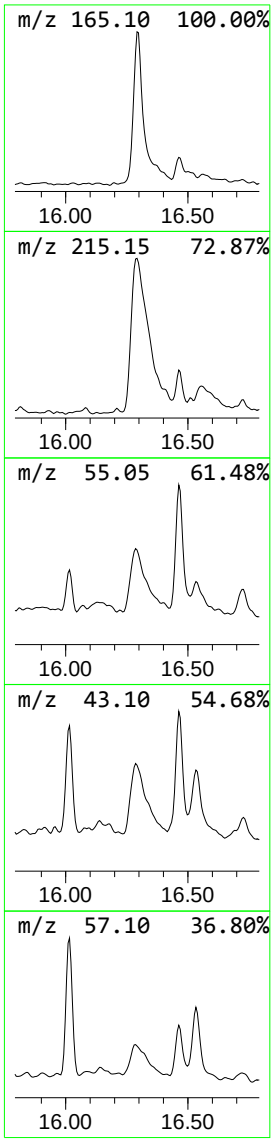
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	7.75 ng	530279	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	96
2	Vitamin E	430	C29H50O2	000059-02-9	62
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	52
4	6-Methoxy-2,7,8-trimethyl-2-(4,8...	430	C29H50O2	079306-82-4	41
5	Cylindrol B	370	C23H30O4	165187-16-6	38





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Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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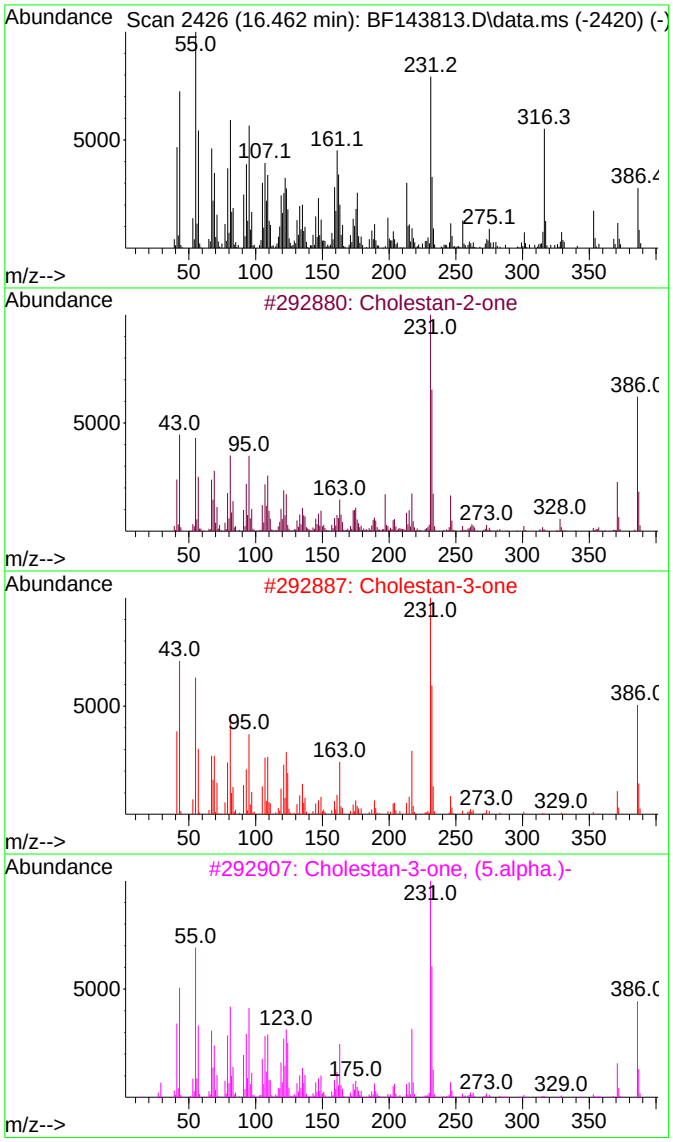
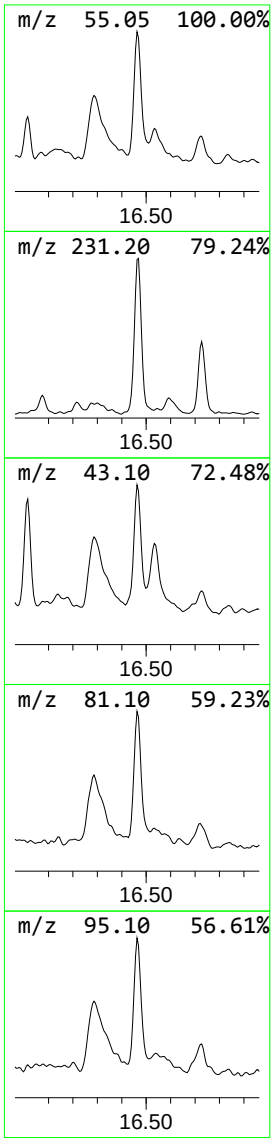
Peak Number 6 Cholestan-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.462	7.11 ng	486803	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-2-one	386	C27H46O	1010210-43-4	94
2	Cholestan-3-one	386	C27H46O	015600-08-5	93
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	64
4	Cholest-4-en-3-ol	386	C27H46O	014597-42-3	59
5	Pregn-20-en-3-ol, 20-methyl-, (3...	316	C22H36O	054411-87-9	48





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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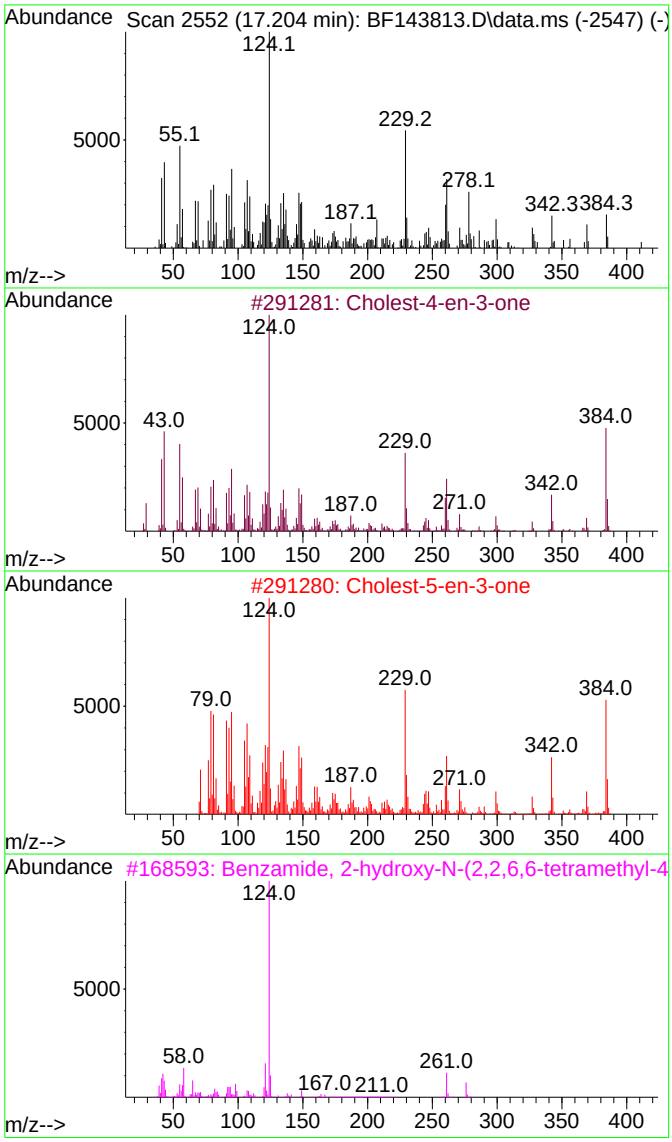
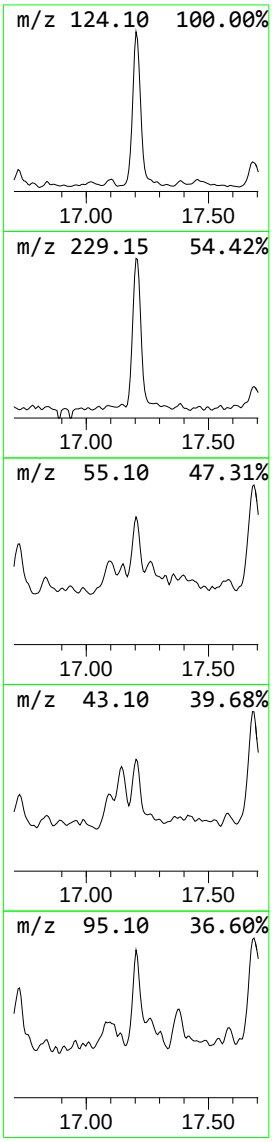
Peak Number 7 Cholest-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.204	2.55 ng	174403	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	95
2	Cholest-5-en-3-one	384	C27H44O	000601-54-7	74
3	Benzamide, 2-hydroxy-N-(2,2,6,6-...	276	C16H24N2O2	1000337-81-5	38
4	Aspidospermidin-17-ol, 16-methox...	384	C23H32N2O3	005516-66-5	30
5	Isonicotinic acid, dodecyl ester	291	C18H29NO2	1000299-88-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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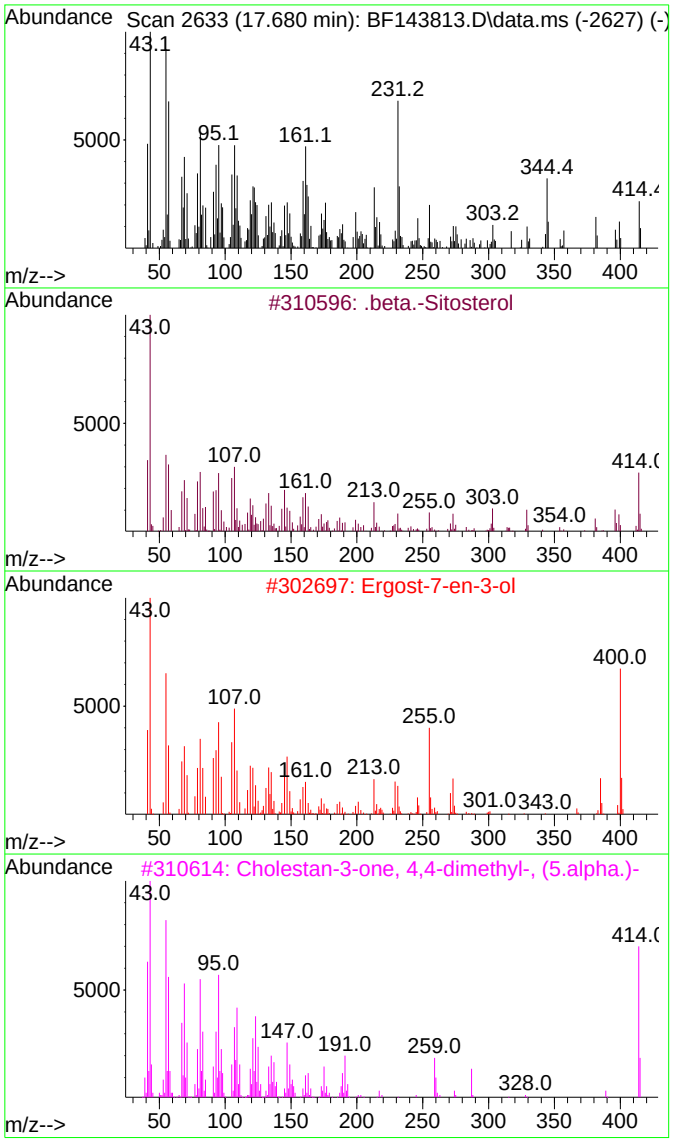
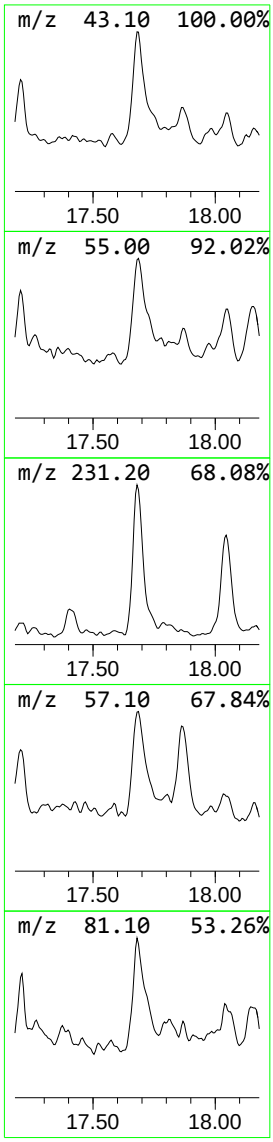
Peak Number 8 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	5.98 ng	409064	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
2	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	56
3	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	50
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	42
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

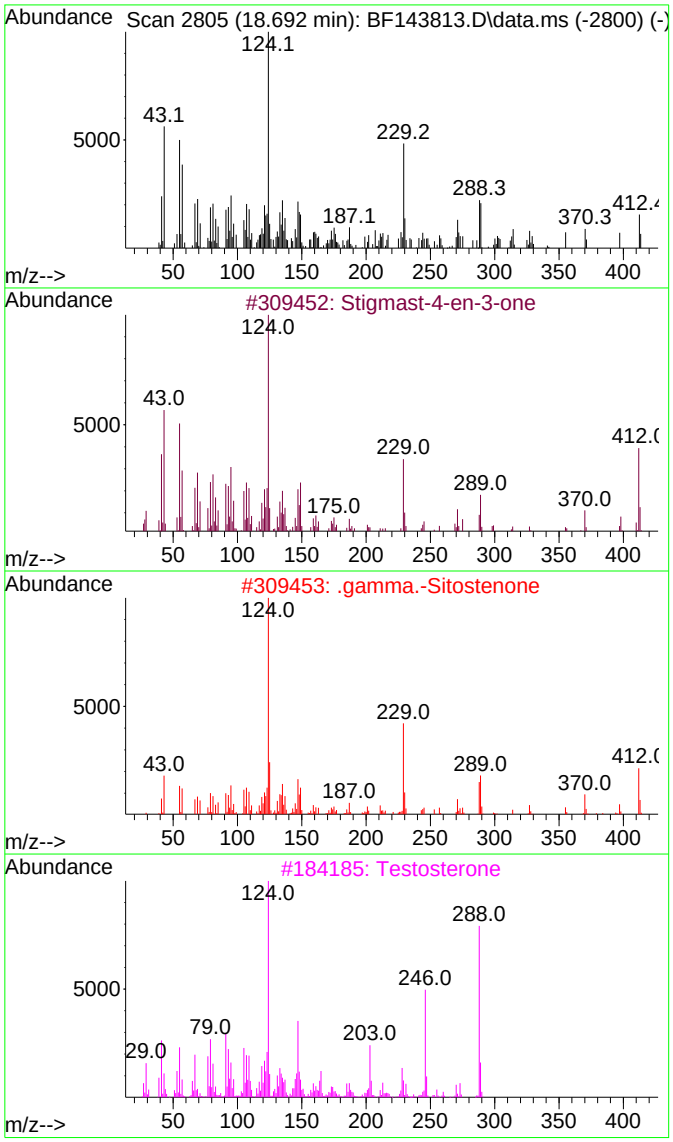
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

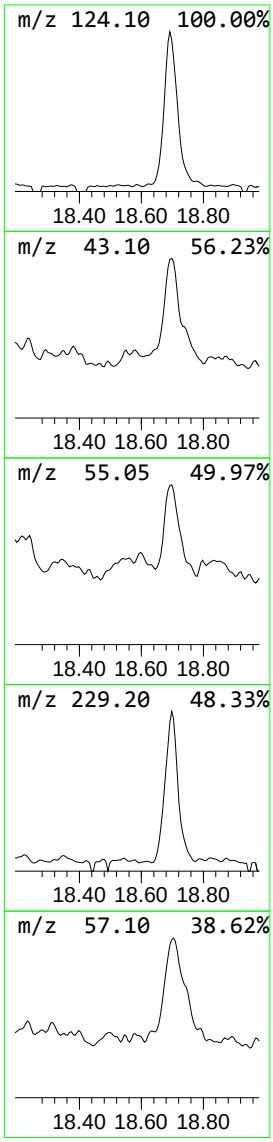
****

Peak Number 9 Stigmast-4-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	3.87 ng	265126	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	.gamma.-Sitostenone	412	C29H48O	084924-96-9	93
3	Testosterone	288	C19H28O2	000058-22-0	60
4	Testosterone cypionate	412	C27H40O3	000058-20-8	46
5	7.alpha.-Hydroxytestosterone	304	C19H28O3	000062-83-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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
Hexadecane	9.322	2.0	ng	62184	3	9.922	619907	20.0
n-Hexadecanoic ...	11.933	8.9	ng	320170	4	11.410	721914	20.0
9-Octadecenamide	14.816	6.1	ng	418515	6	15.533	1369110	20.0
Nonadecane	15.180	3.8	ng	256727	6	15.533	1369110	20.0
Cholestan-3-ol,...	16.292	7.8	ng	530279	6	15.533	1369110	20.0
Cholestan-2-one	16.462	7.1	ng	486803	6	15.533	1369110	20.0
Cholest-4-en-3-one	17.204	2.5	ng	174403	6	15.533	1369110	20.0
.beta.-Sitosterol	17.680	6.0	ng	409064	6	15.533	1369110	20.0
Stigmast-4-en-3...	18.692	3.9	ng	265126	6	15.533	1369110	20.0