LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	23	rVB	1978436	3255003	80.64%	14.164%
2	5.152	494	503	521	rVB2	86049	148903	3.69%	0.648%
3	5.563	567	573	595	rVB	981960	1364148	33.80%	5.936%
4	6.557	737	742	768	rBV	663725	896596	22.21%	3.901%
5	6.922	799	804	812	rBV	492837	603723	14.96%	2.627%
6	7.487	893	900	911	rBV	1338584	1886013	46.73%	8.207%
7	8.204	1017	1022	1038	rBV	648714	831111	20.59%	3.616%
8	9.281	1199	1205	1210	rBV	2696055	3482263	86.27%	15.152%
9	9.963	1315	1321	1326	rBV	834250	1040013	25.77%	4.525%
10	10.675	1437	1442	1448	rBV	107114	135828	3.37%	0.591%
11	10.757	1450	1456	1470	rBV	1917880	2631399	65.19%	11.450%
12	11.451	1569	1574	1581	rBV	886960	1117966	27.70%	4.865%
13	11.975	1658	1663	1677	rBV2	129577	237362	5.88%	1.033%
14	12.698	1778	1786	1790	rBV3	22688	45184	1.12%	0.197%
15	13.039	1838	1844	1849	rBV	3032628	4036393	100.00%	17.564%
16	14.098	2016	2024	2033	rBV	468204	644430	15.97%	2.804%
17	14.945	2163	2168	2173	rBV	61020	81208	2.01%	0.353%
18	15.592	2272	2278	2290	rBV	336049	543932	13.48%	2.367%

Sum of corrected areas: 22981475

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ClientSampleId :
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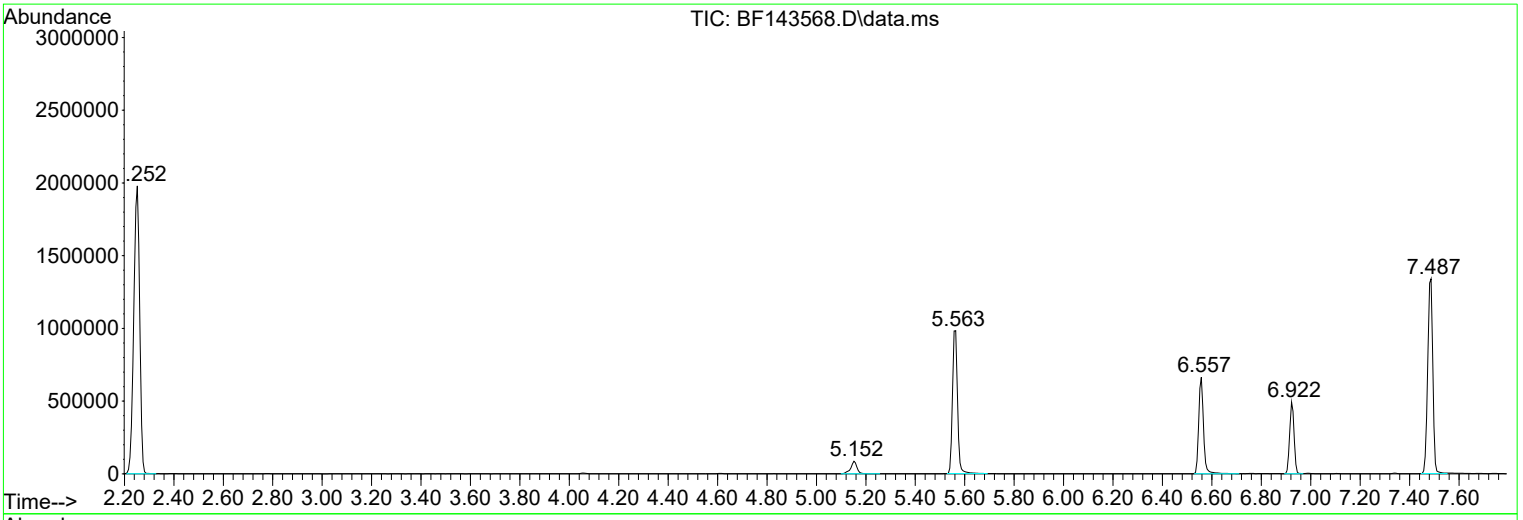
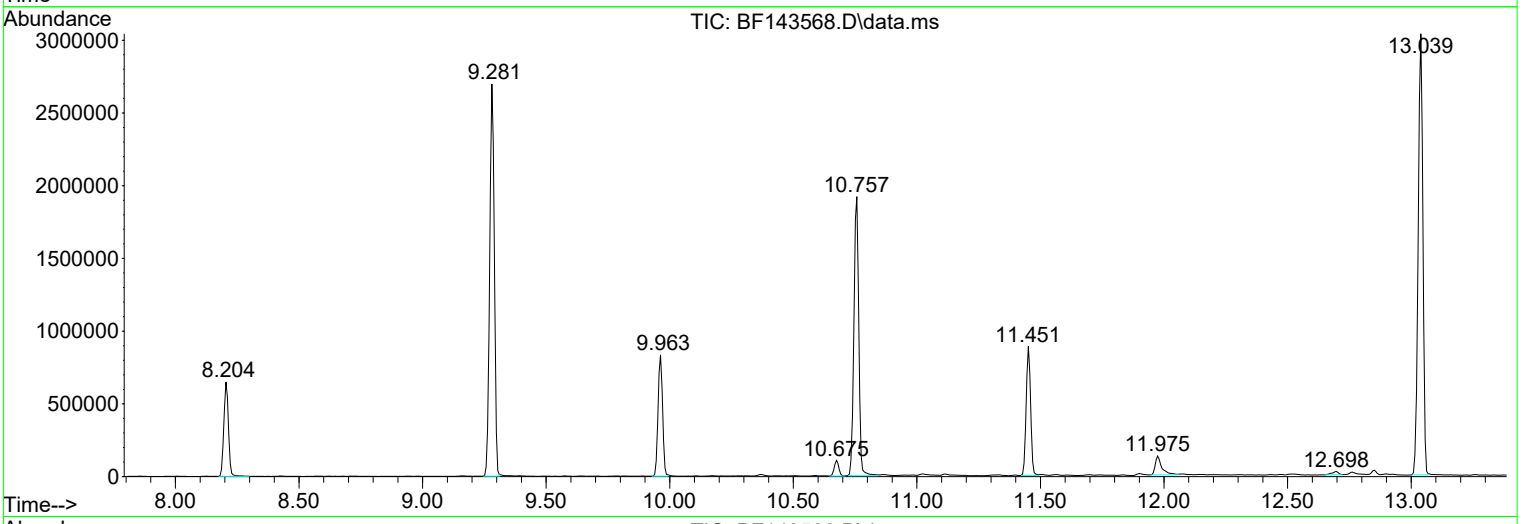
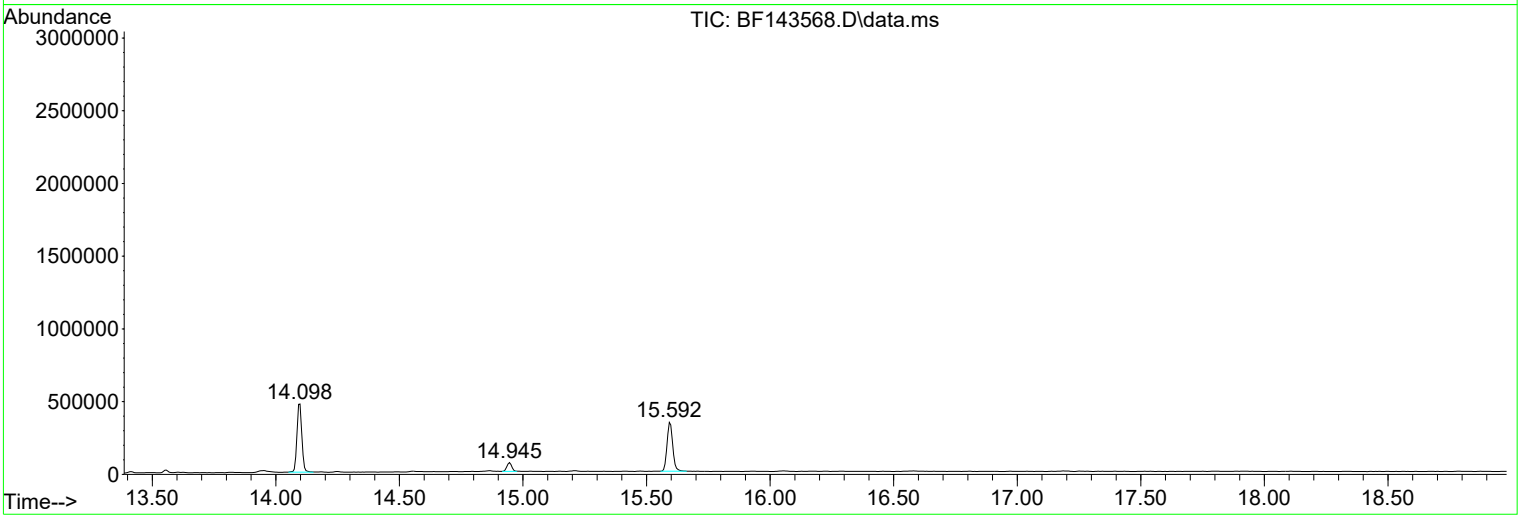
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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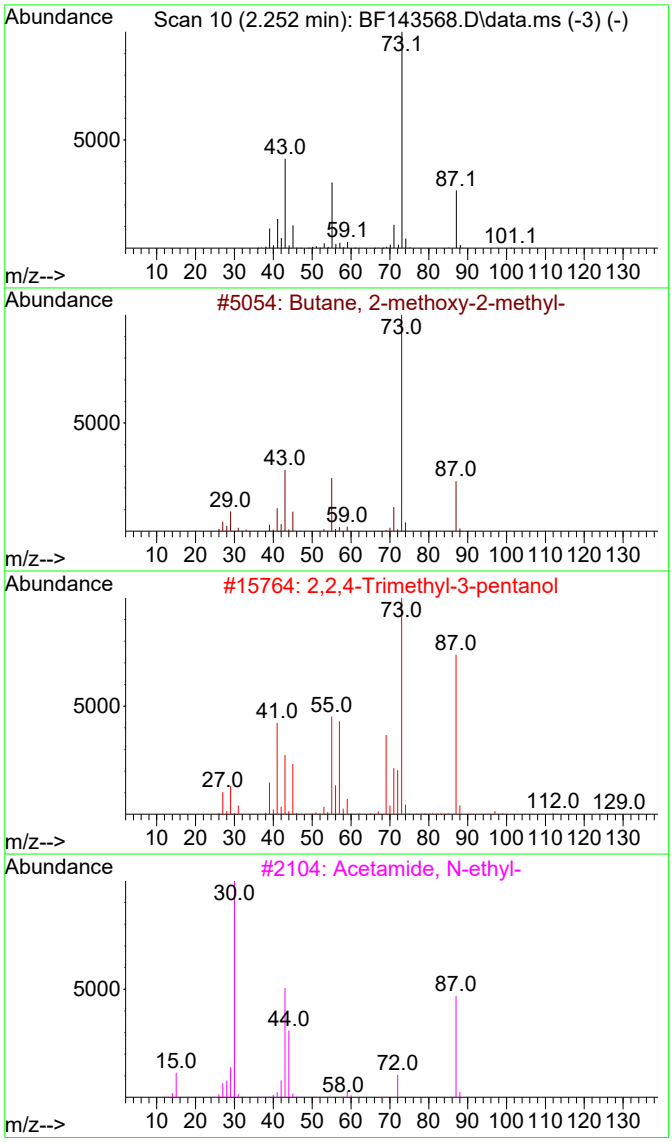
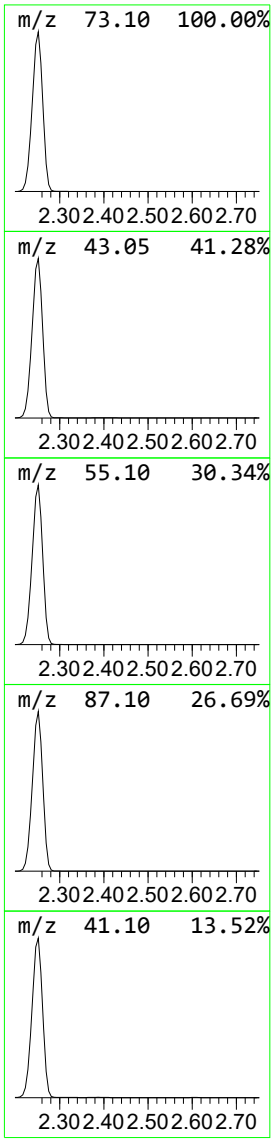
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	107.83 ng	3255000	1,4-Dichlorobenzene-d4	6.922

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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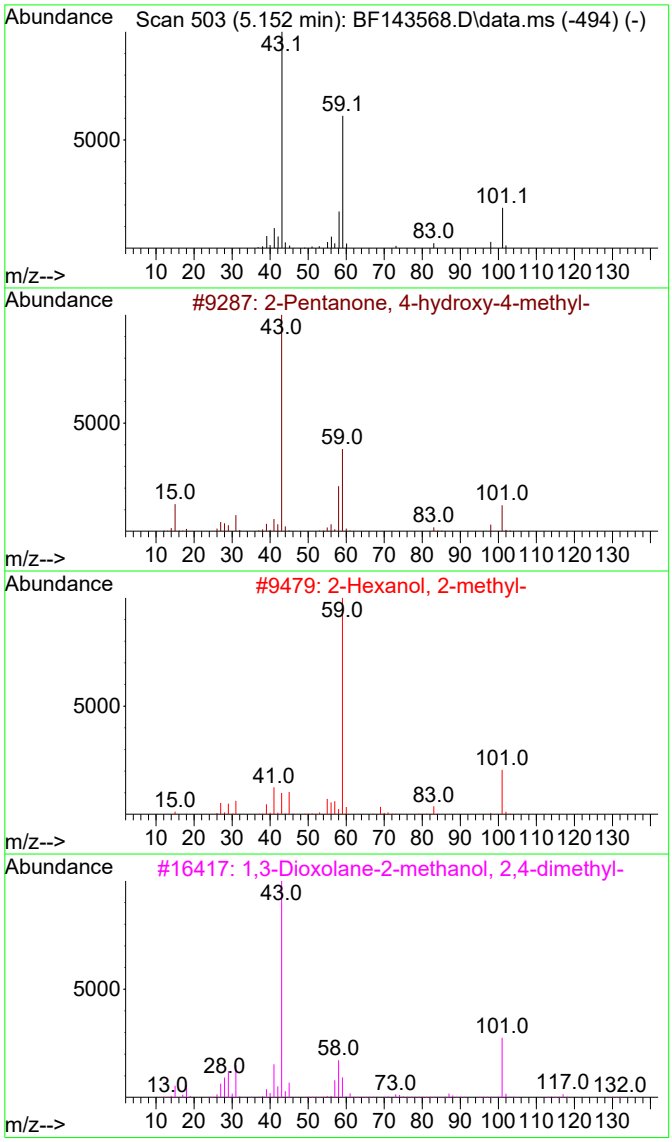
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

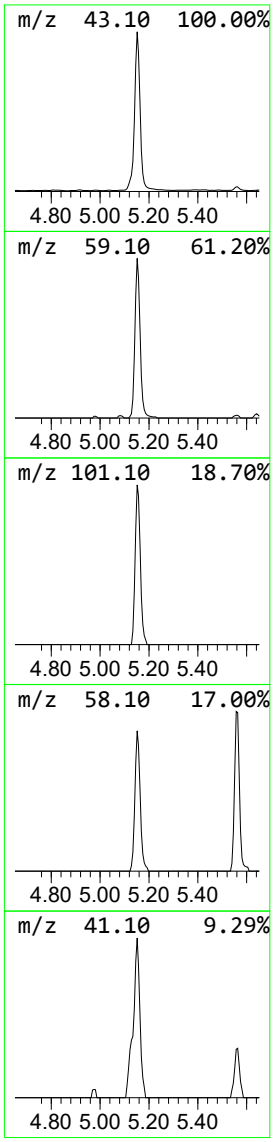
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	4.93 ng	148903	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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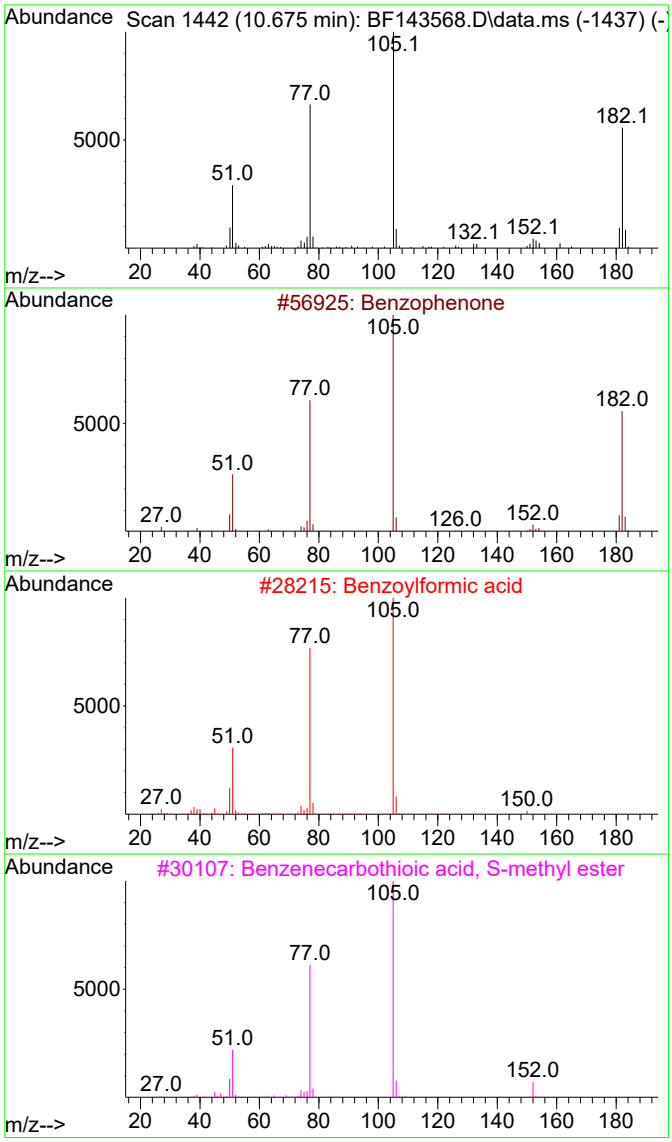
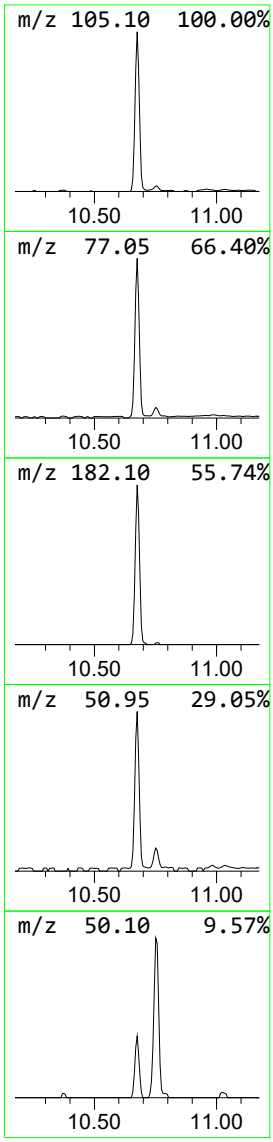
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.61 ng	135828	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	55
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	N-cyanobenzamide	146	C8H6N2O	015150-25-1	46





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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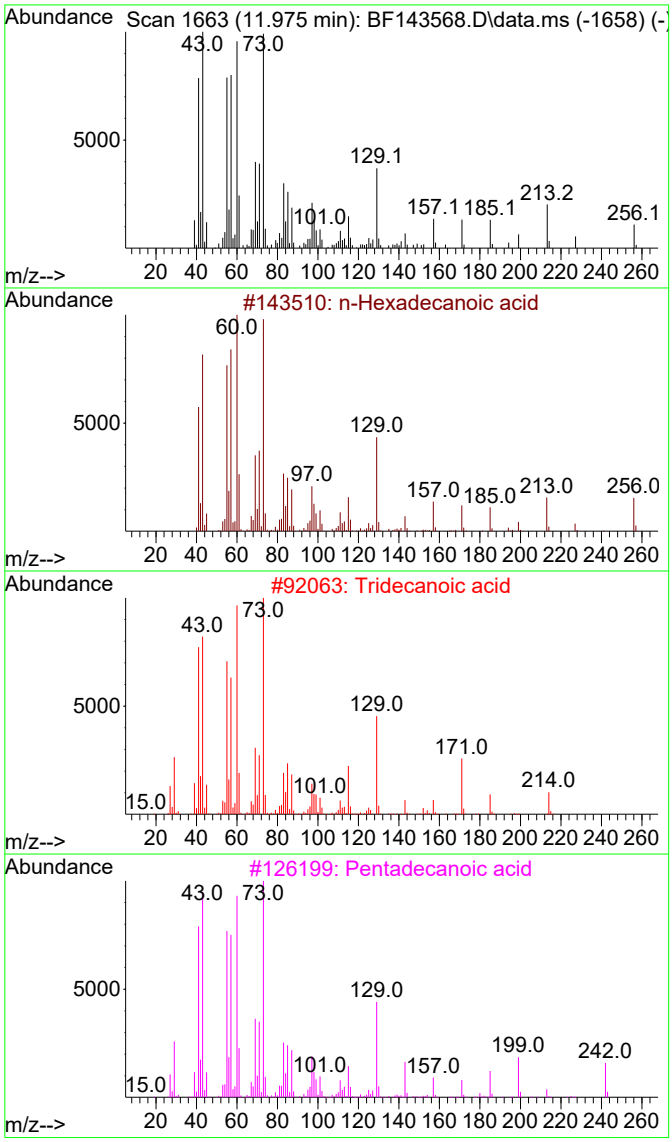
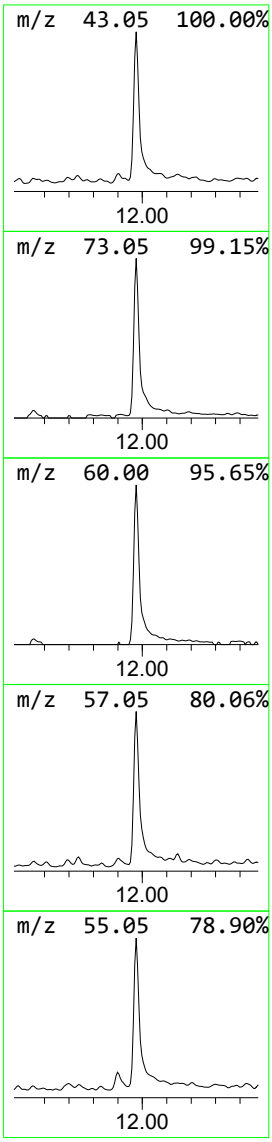
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.25 ng	237362	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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ALS Vial : 7 Sample Multiplier: 1

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BNA_F
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TIC Library : C:\Database\NIST20.L
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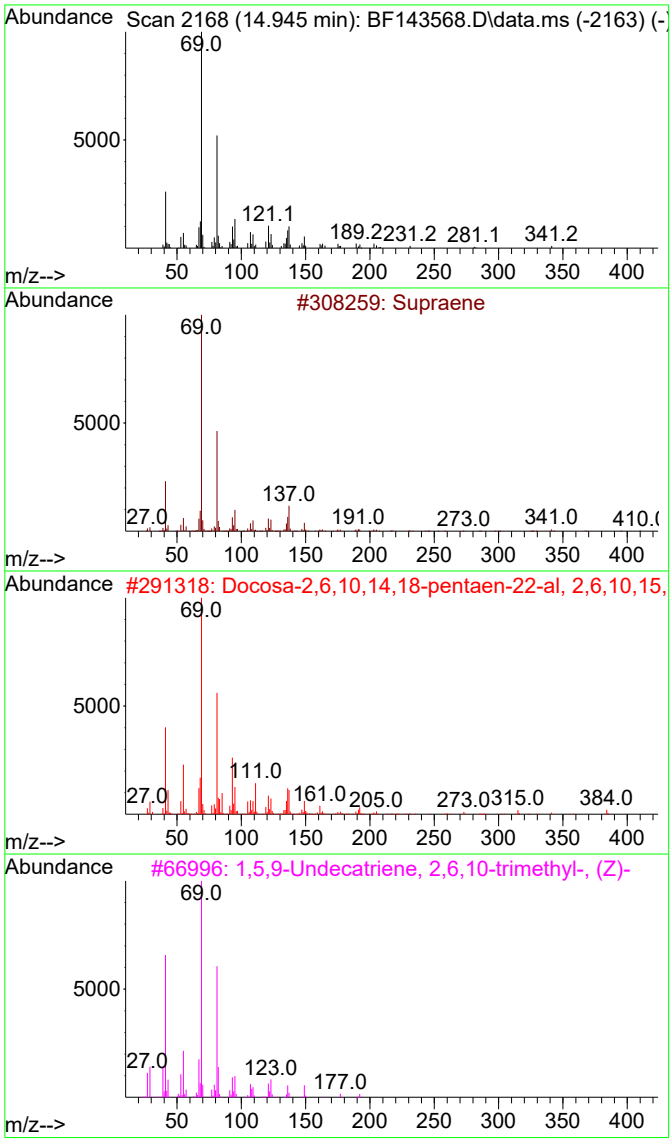
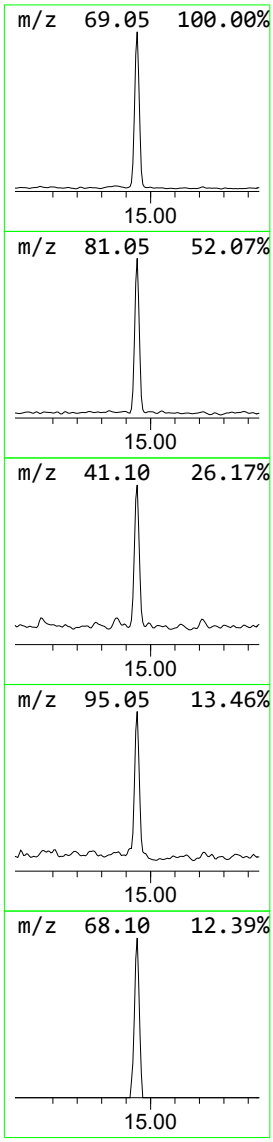
Peak Number 5 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.99 ng	81208	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.252	107.8	ng	3255000	1	6.922	603723	20.0
2-Pentanone, 4-...	5.152	4.9	ng	148903	1	6.922	603723	20.0
Benzophenone	10.675	2.6	ng	135828	3	9.963	1040010	20.0
n-Hexadecanoic ...	11.975	4.3	ng	237362	4	11.451	1117970	20.0
Supraene	14.945	3.0	ng	81208	6	15.592	543932	20.0