LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137281.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	16	rVB	128137	155828	11.97%	1.012%
2	5.034	495	501	507	rVB	33442	42723	3.28%	0.278%
3	5.428	564	568	583	rBV	1270132	1302057	100.00%	8.458%
4	6.075	675	678	681	rBV	42024	35535	2.73%	0.231%
5	6.428	733	738	747	rBV	1299732	1248150	95.86%	8.108%
6	6.793	797	800	812	rBV	361324	324786	24.94%	2.110%
7	7.352	891	895	907	rBV	875919	782803	60.12%	5.085%
8	8.069	1013	1017	1020	rBV	468614	388652	29.85%	2.525%
9	9.093	1188	1191	1196	rBV5	42792	56177	4.31%	0.365%
10	9.146	1196	1200	1205	rBV	1485654	1244774	95.60%	8.086%
11	9.228	1211	1214	1217	rBV2	31676	37773	2.90%	0.245%
12	9.281	1218	1223	1224	rBV5	26625	40415	3.10%	0.263%
13	9.351	1232	1235	1237	rBV4	27989	29039	2.23%	0.189%
14	9.534	1264	1266	1267	rBV	40204	32297	2.48%	0.210%
15	9.551	1267	1269	1272	rVB2	62027	52417	4.03%	0.341%
16	9.640	1282	1284	1286	rBV3	41611	34964	2.69%	0.227%
17	9.693	1291	1293	1297	rBV4	57815	83608	6.42%	0.543%
18	9.740	1298	1301	1303	rVB	84861	77490	5.95%	0.503%
19	9.822	1310	1315	1319	rBV	478149	560689	43.06%	3.642%
20	10.028	1348	1350	1353	rVB2	130082	101010	7.76%	0.656%
21	10.069	1355	1357	1359	rVB	117548	74195	5.70%	0.482%
22	10.093	1359	1361	1364	rBV3	130504	127067	9.76%	0.825%
23	10.145	1367	1370	1372	rBV	239458	237400	18.23%	1.542%
24	10.240	1383	1386	1387	rBV	240151	219532	16.86%	1.426%
25	10.375	1406	1409	1411	rBV3	230357	301884	23.19%	1.961%
26	10.493	1427	1429	1433	rVB3	286973	309517	23.77%	2.011%
27	10.581	1442	1444	1446	rBV2	186266	180671	13.88%	1.174%
28	10.622	1446	1451	1454	rVV2	922151	996242	76.51%	6.472%
29	10.657	1455	1457	1459	rVV2	263941	210290	16.15%	1.366%
30	10.704	1463	1465	1467	rBV2	236685	250700	19.25%	1.629%
31	10.751	1470	1473	1477	rVV4	358602	501485	38.51%	3.258%
32	10.822	1482	1485	1487	rBV2	430440	470849	36.16%	3.059%
33	11.234	1553	1555	1559	rVB	686125	673945	51.76%	4.378%
34	11.663	1625	1628	1630	rBV	544570	433247	33.27%	2.814%
35	12.069	1695	1697	1701	rVB2	590887	609073	46.78%	3.957%
36	12.269	1728	1731	1733	rBV	528718	464685	35.69%	3.019%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.392	1750	1752	1754	rVB	558212	404090	31.03%	2.625%
38	12.928	1840	1843	1846	rBV	1308976	1236553	94.97%	8.033%
39	13.975	2018	2021	2028	rVB2	320482	399328	30.67%	2.594%
40	14.457	2101	2103	2105	rBV	53658	47640	3.66%	0.309%
41	14.481	2105	2107	2116	rVB	67140	88722	6.81%	0.576%
42	14.922	2179	2182	2186	rVB2	41985	45191	3.47%	0.294%
43	15.122	2213	2216	2220	rVB	78352	86334	6.63%	0.561%
44	15.451	2268	2272	2279	rBV	176360	228441	17.54%	1.484%
45	15.727	2315	2319	2324	rVB3	44710	65399	5.02%	0.425%
46	15.969	2357	2360	2367	rVB2	37812	59037	4.53%	0.384%
47	16.804	2499	2502	2509	rVB8	22849	41055	3.15%	0.267%

Sum of corrected areas: 15393759

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
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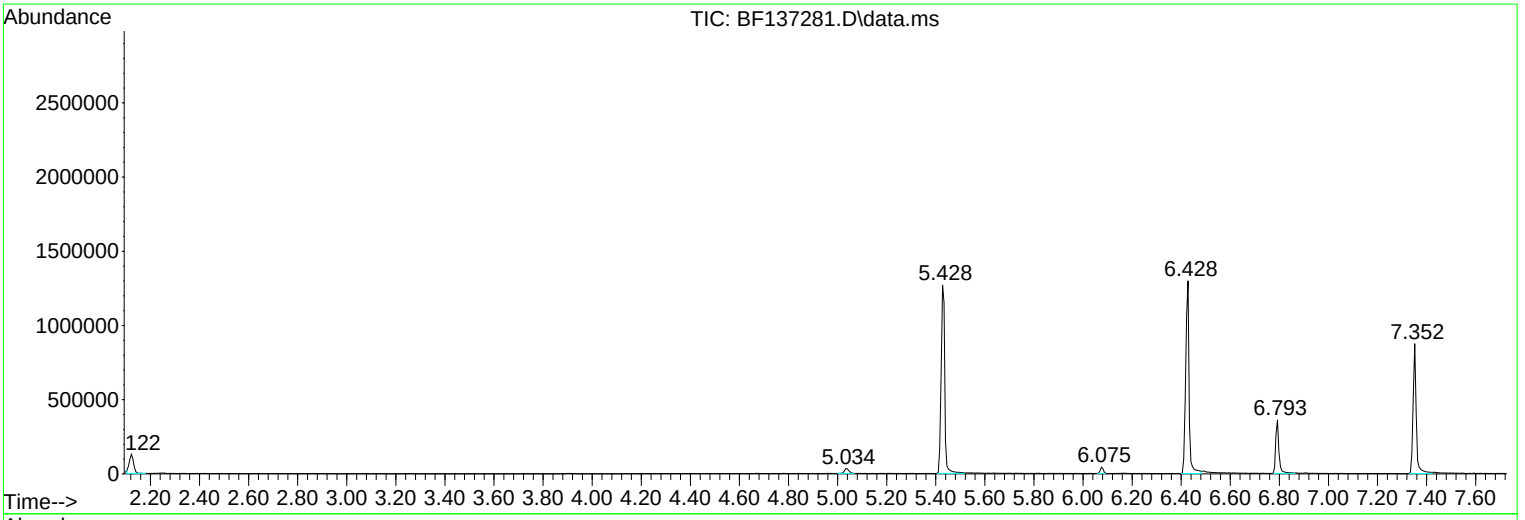
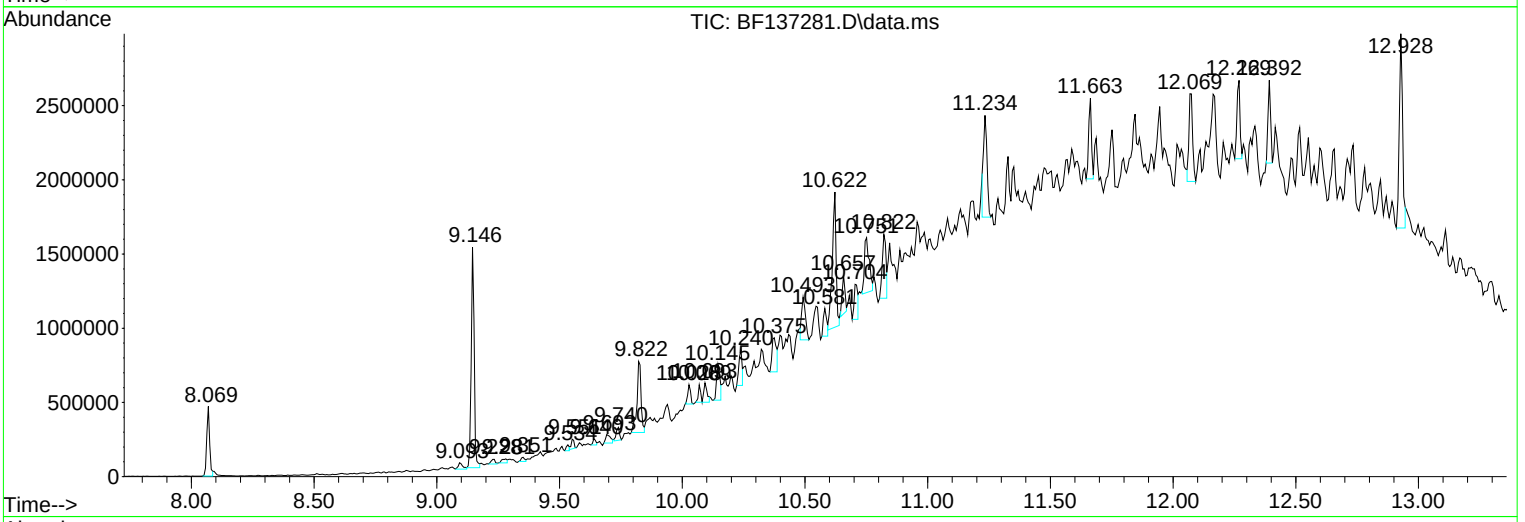
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

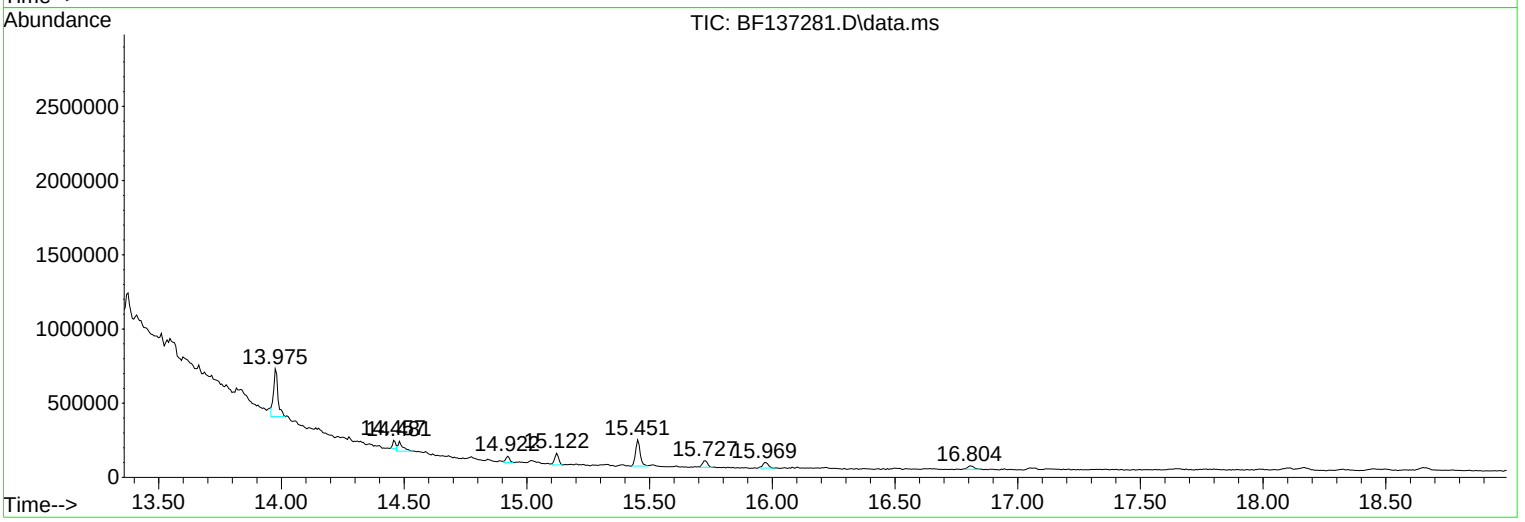
Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
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Sample : P1358-05
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

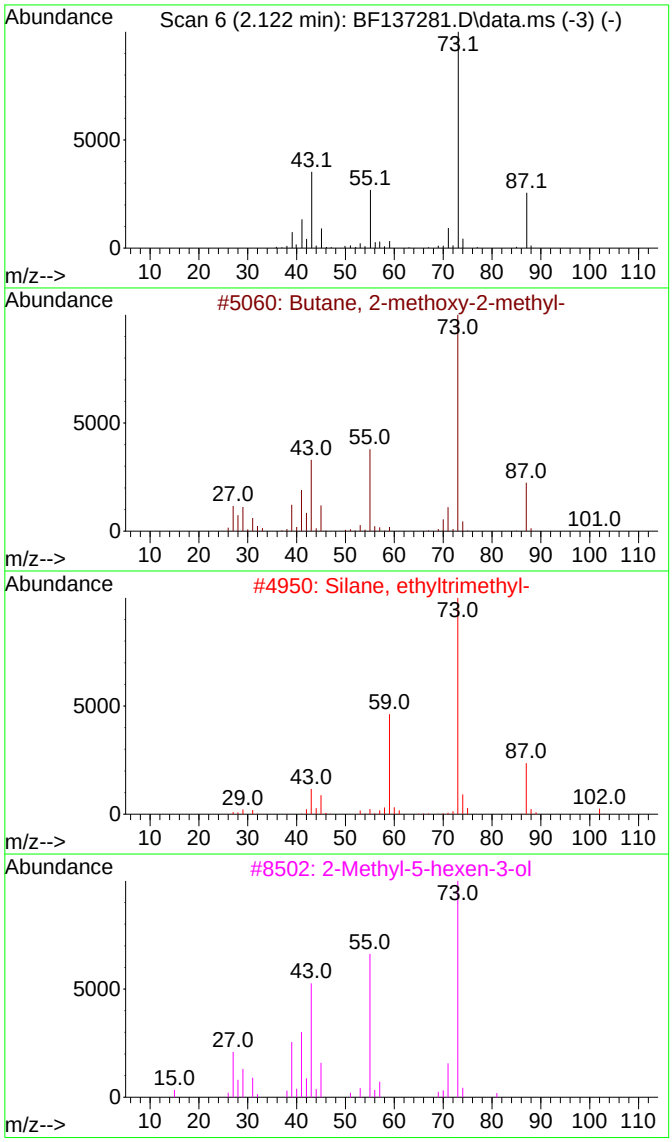
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

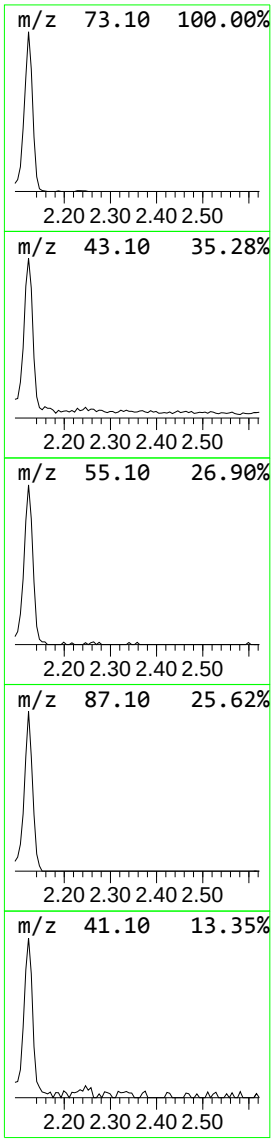
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	9.60 ng	155828	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

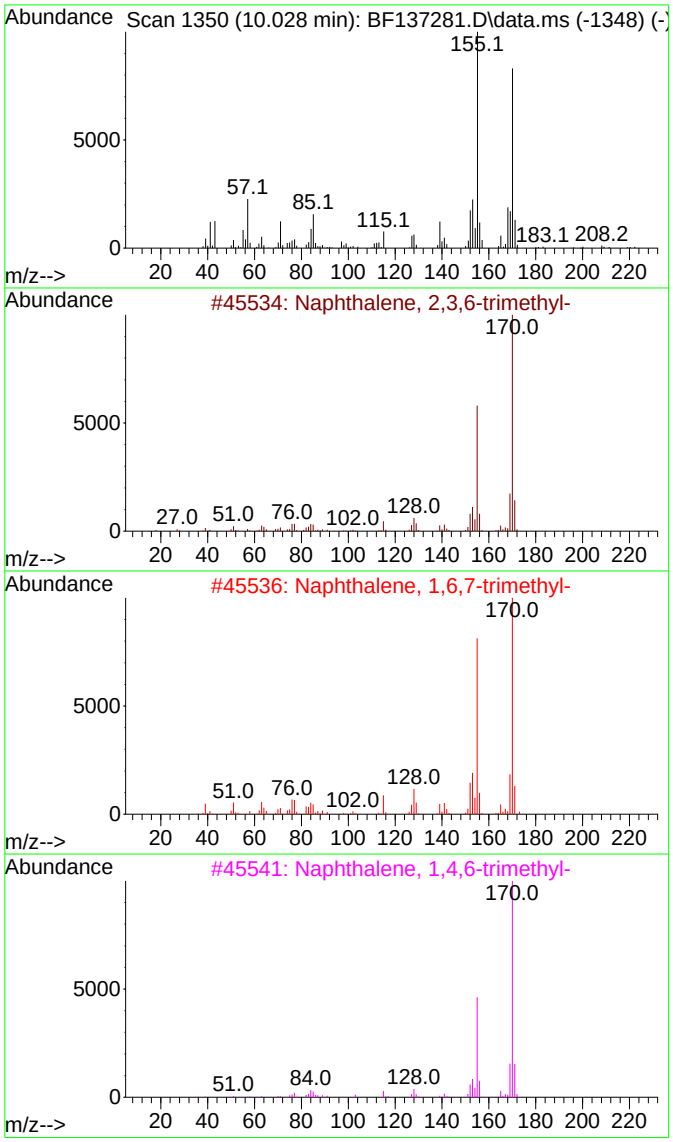
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

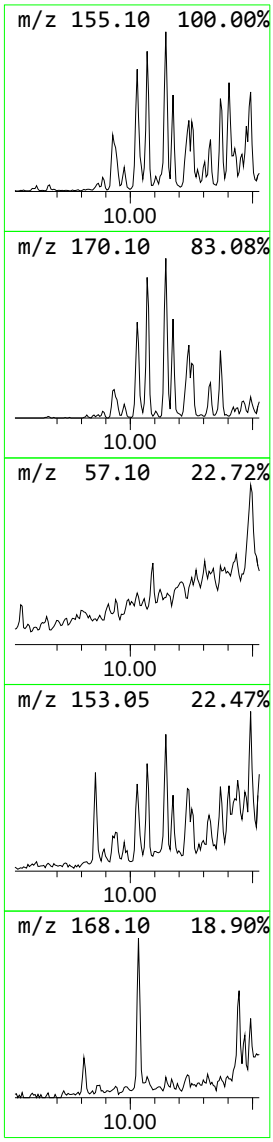
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	3.60 ng	101010	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

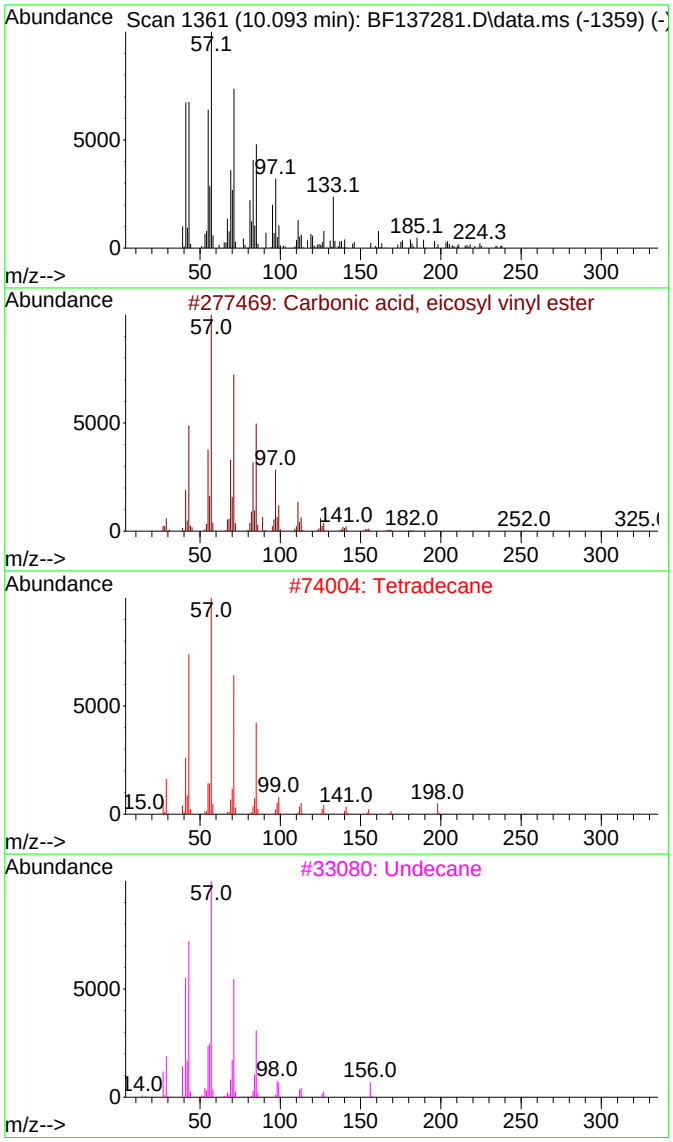
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

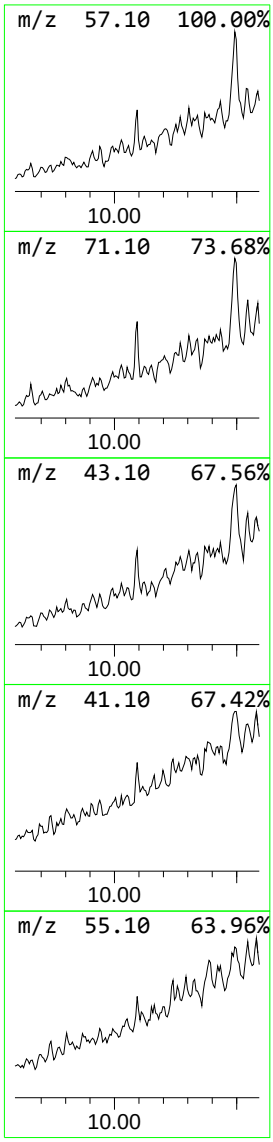
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	4.53 ng	127067	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
2	Tetradecane	198	C14H30	000629-59-4	55
3	Undecane	156	C11H24	001120-21-4	55
4	1-Heptadecene	238	C17H34	006765-39-5	42
5	Cetene	224	C16H32	000629-73-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

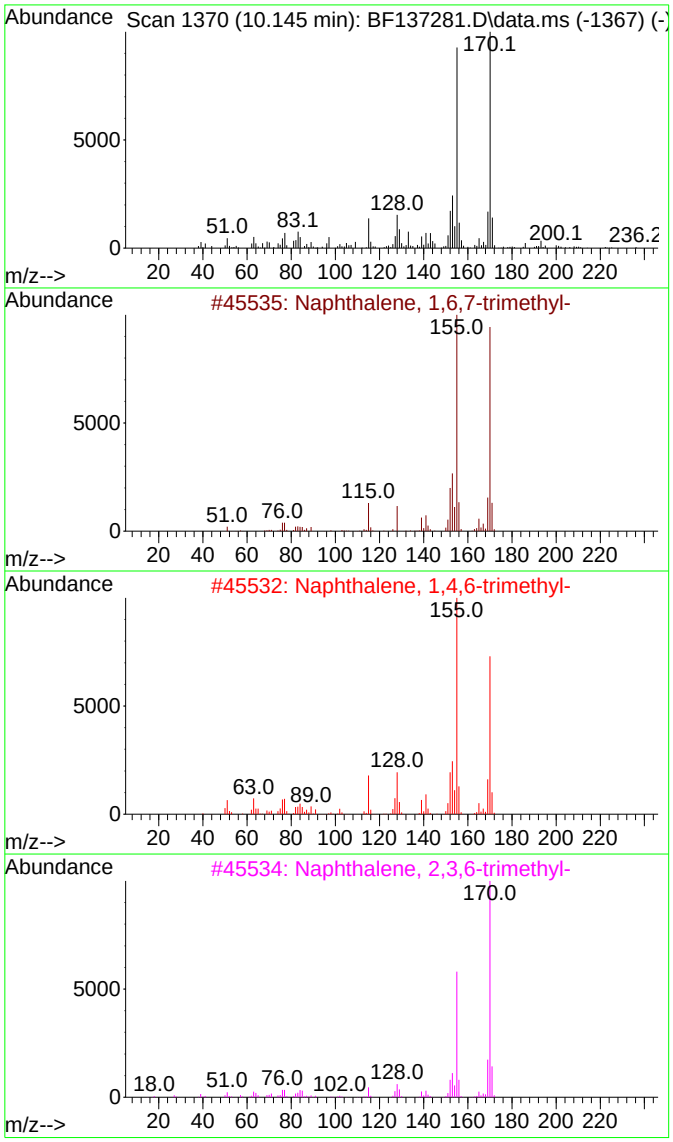
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

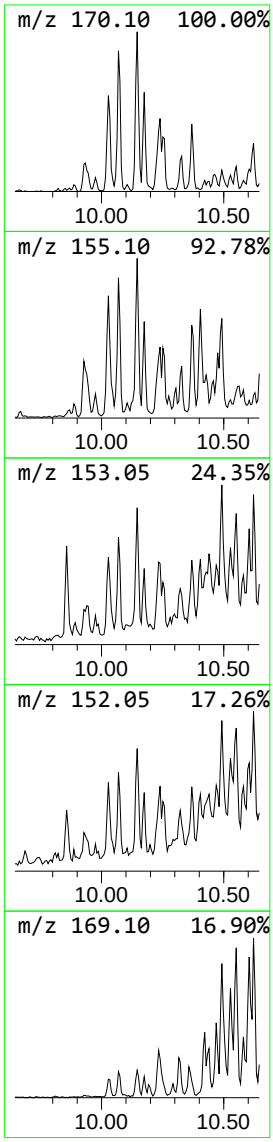
****

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.146	8.47 ng	237400	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

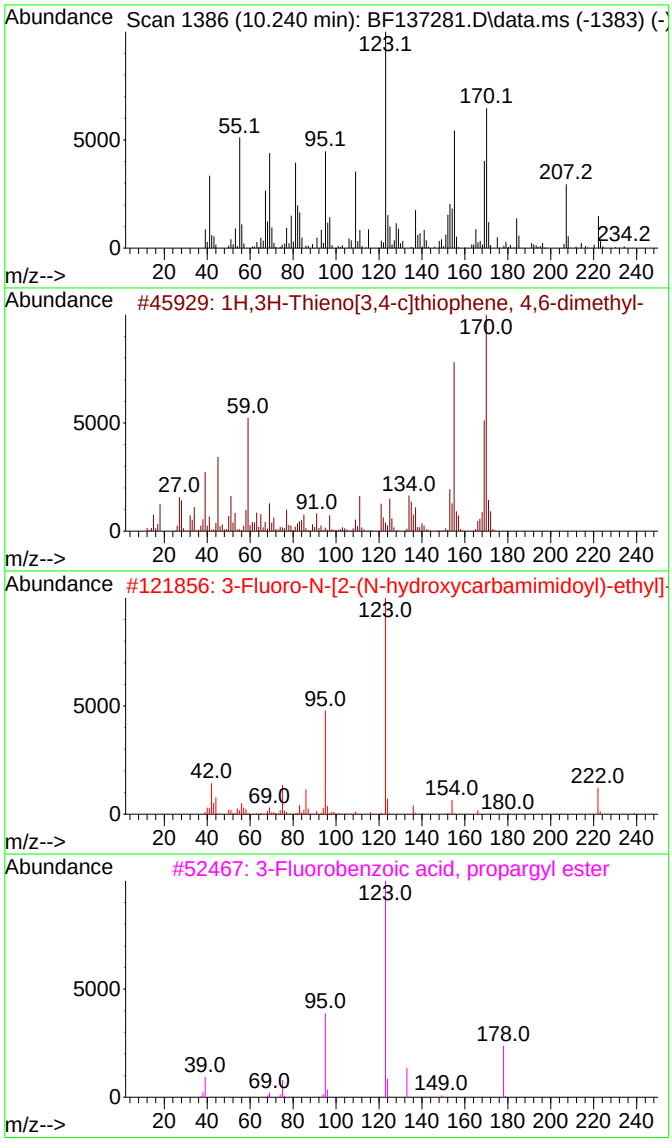
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

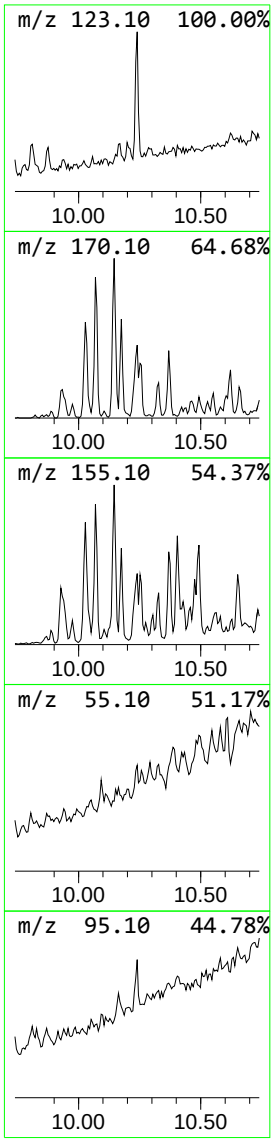
****

Peak Number 5 unknown10.240 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.240	7.83 ng	219532	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	30
2	3-Fluoro-N-[2-(N-hydroxycarbamim...	239	C11H14FN3O2	1010297-41-5	27
3	3-Fluorobenzoic acid, propargyl ...	178	C10H7FO2	1000325-53-9	25
4	4-Fluoro-N-(3-pyridinyl)benzamide	216	C12H9FN2O	120737-99-7	25
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

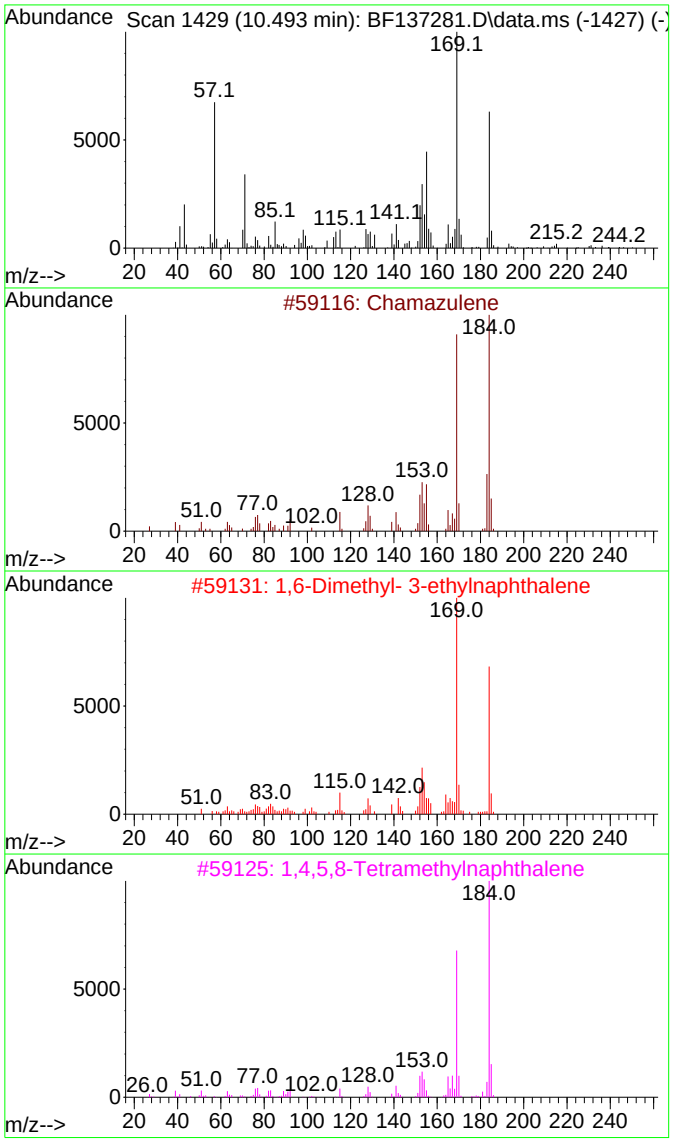
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

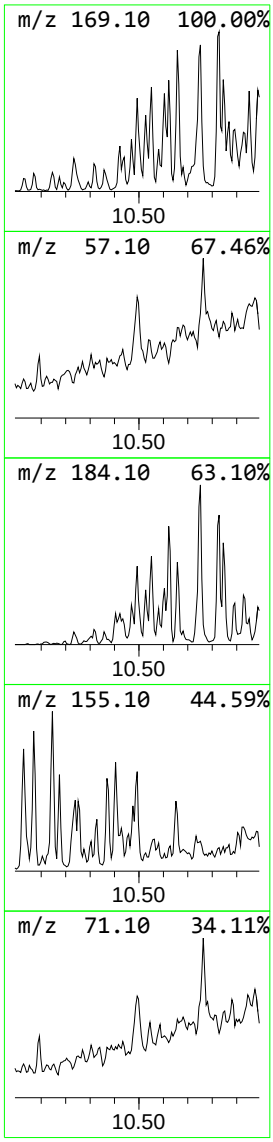
****

Peak Number 6 Chamazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	11.04 ng	309517	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	90
2	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	89
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	81
4	2-Isopropyl-3-methylnaphthalene	184	C14H16	1000383-71-2	58
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

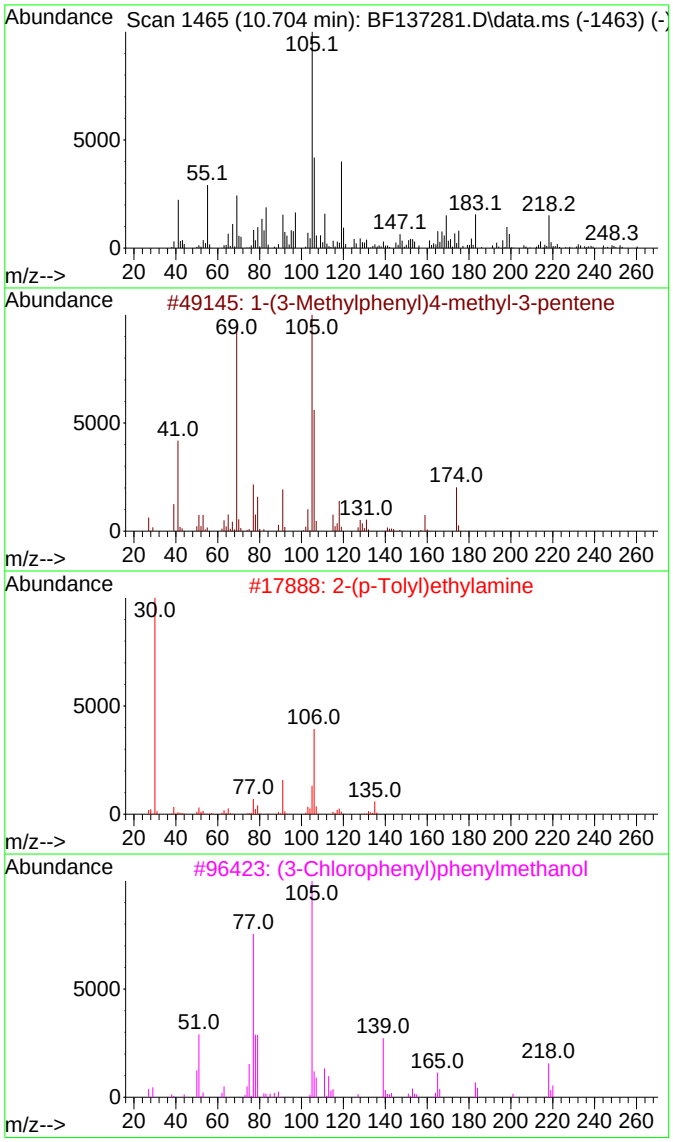
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

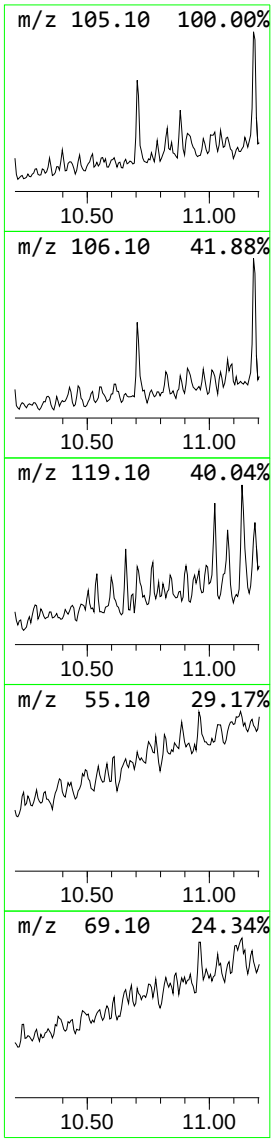
****

Peak Number 7 unknown10.704 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	7.44 ng	250700	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3-Methylphenyl)4-methyl-3-pen...	174	C13H18	051082-26-9	25
2	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	11
3	(3-Chlorophenyl)phenylmethanol	218	C13H11ClO	063012-03-3	10
4	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	10
5	(3-Methylphenyl) methanol, 2-met...	178	C12H18O	1010374-58-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

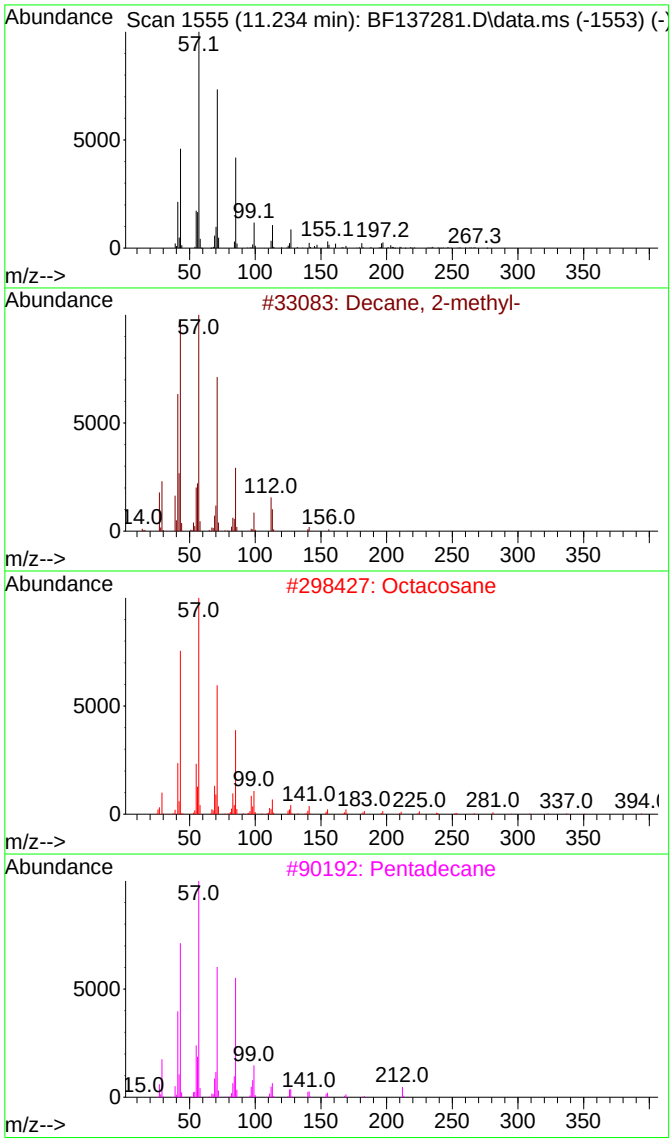
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

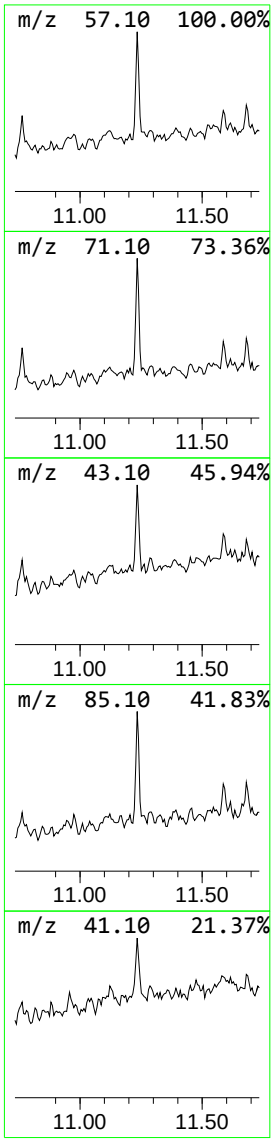
****

Peak Number 10 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.234	20.00 ng	673945	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2	Octacosane	394	C28H58	000630-02-4	83
3	Pentadecane	212	C15H32	000629-62-9	78
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

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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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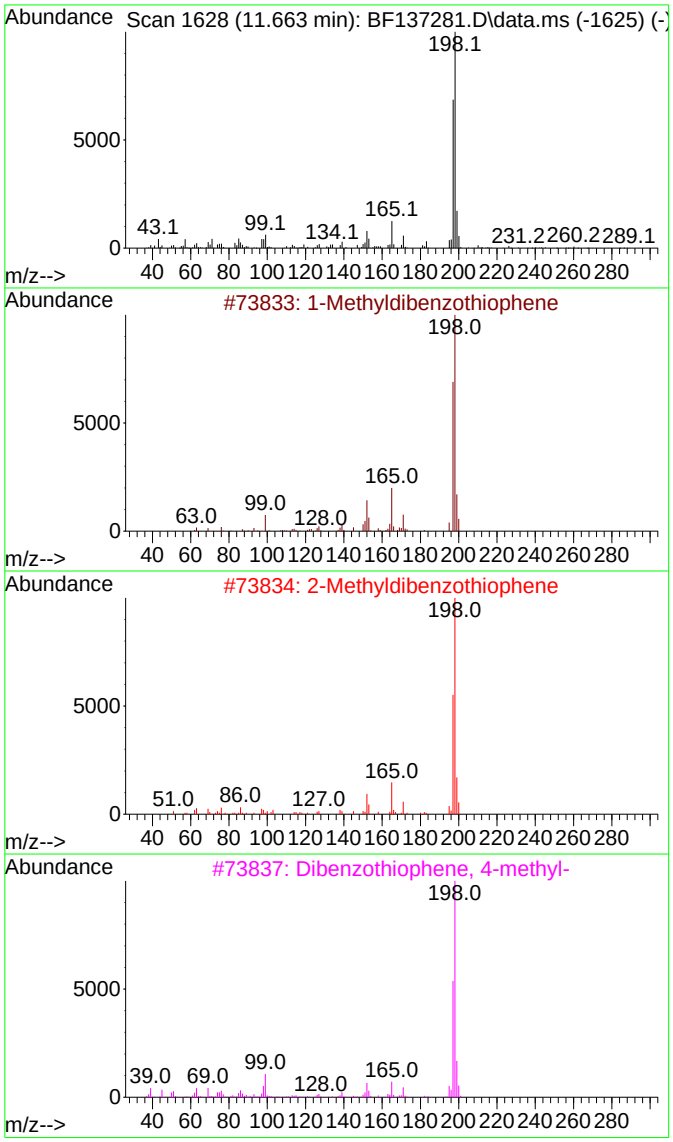
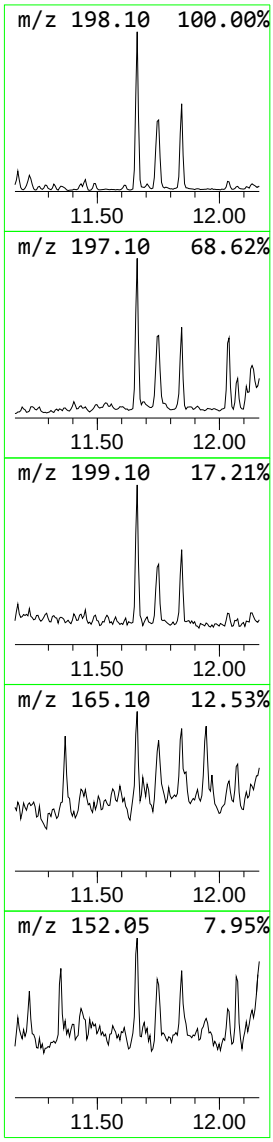
Peak Number 11 1-Methyldibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	12.86 ng	433247	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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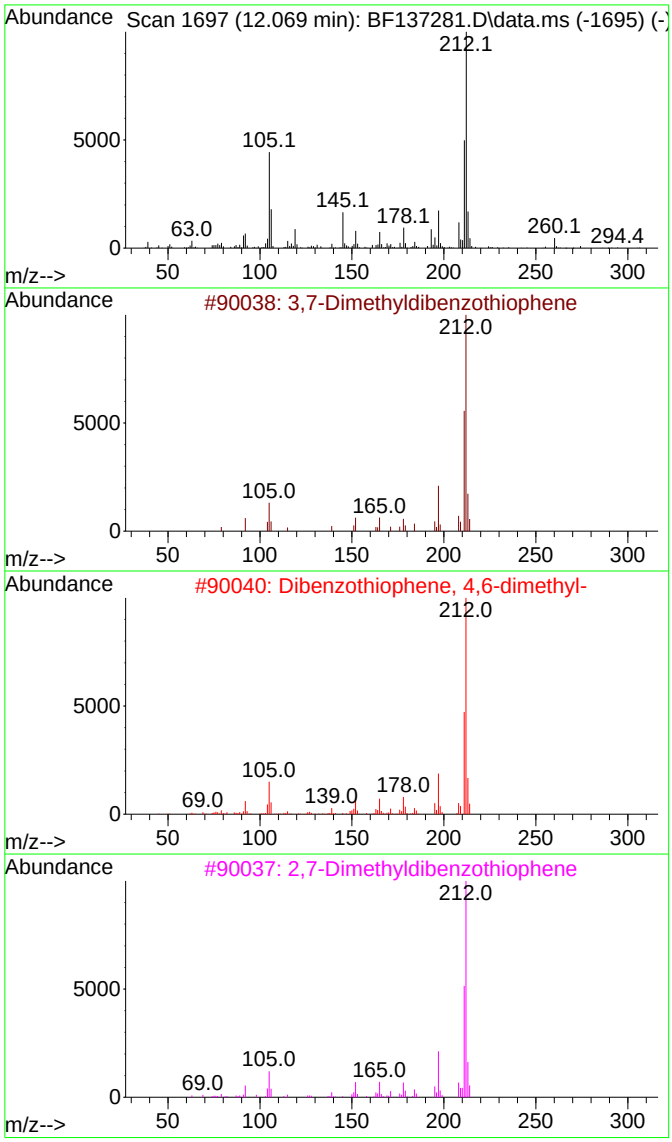
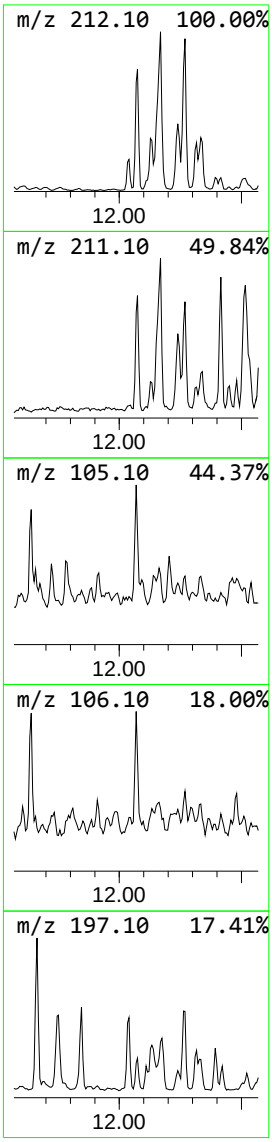
Peak Number 12 3,7-Dimethyldibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	18.07 ng	609073	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	96
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	91
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	91
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	90
5	Pinosylvin	212	C14H12O2	022139-77-1	74





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Acq On : 05 Feb 2024 17:51
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Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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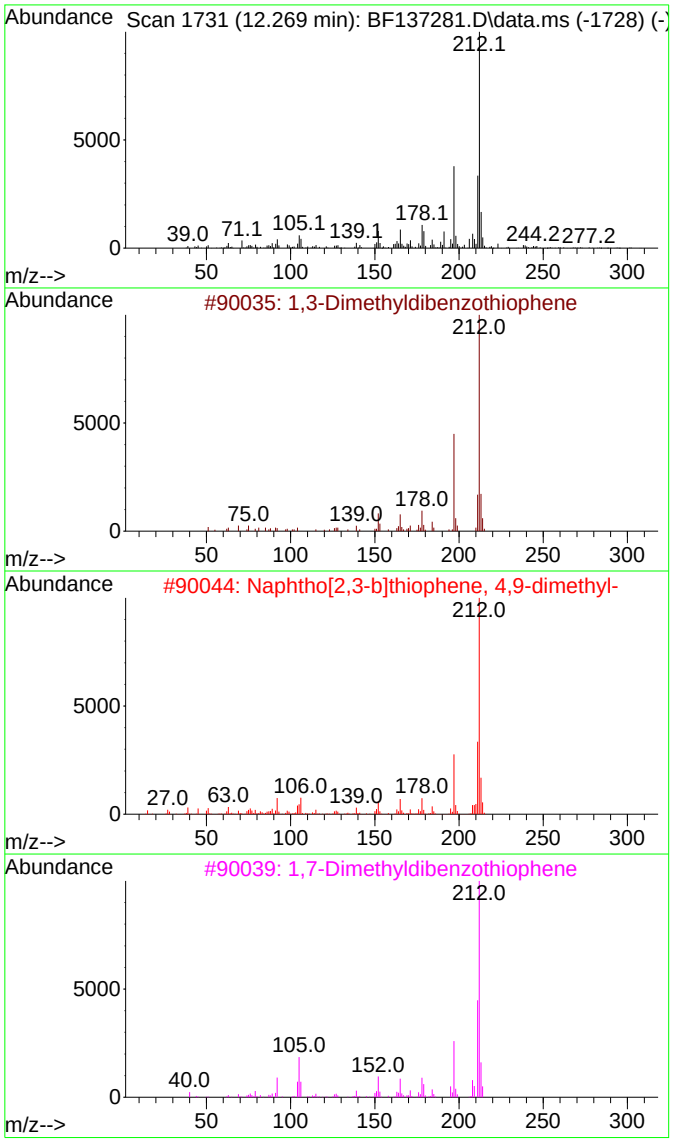
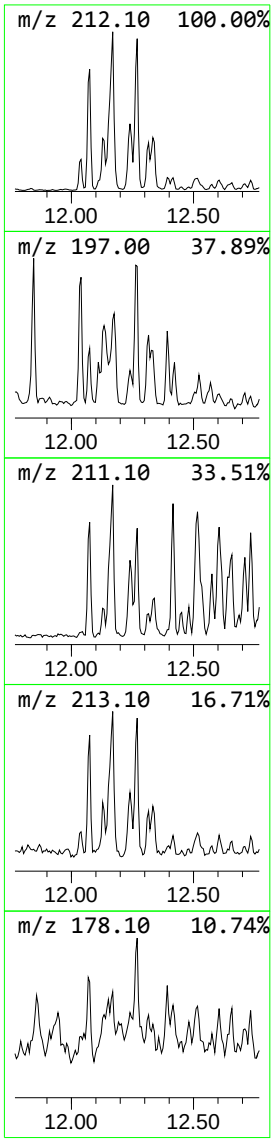
Peak Number 13 1,3-Dimethyldibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	13.79 ng	464685	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyldibenzothiophene	212	C14H12S	1010383-55-0	97
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	94
3	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	93
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	76





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Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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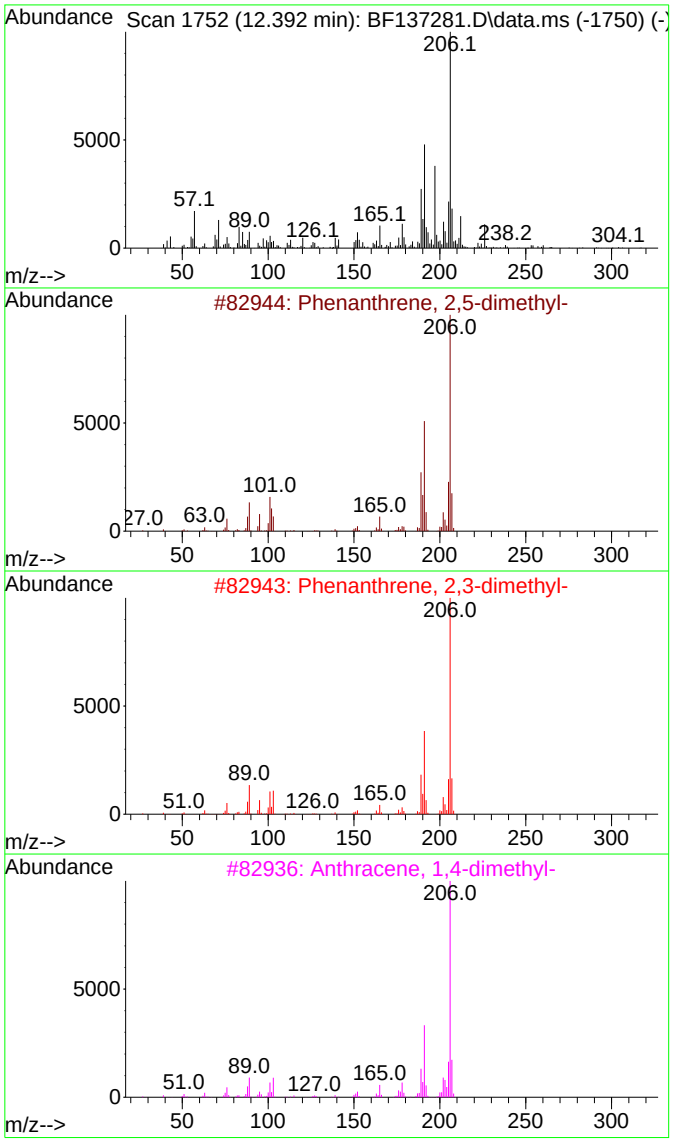
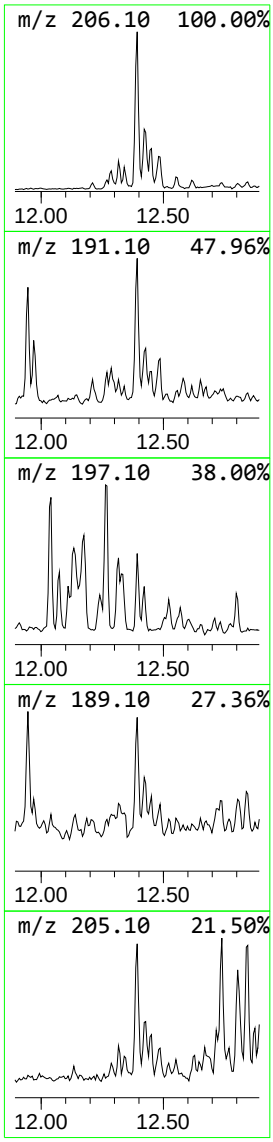
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	11.99 ng	404090	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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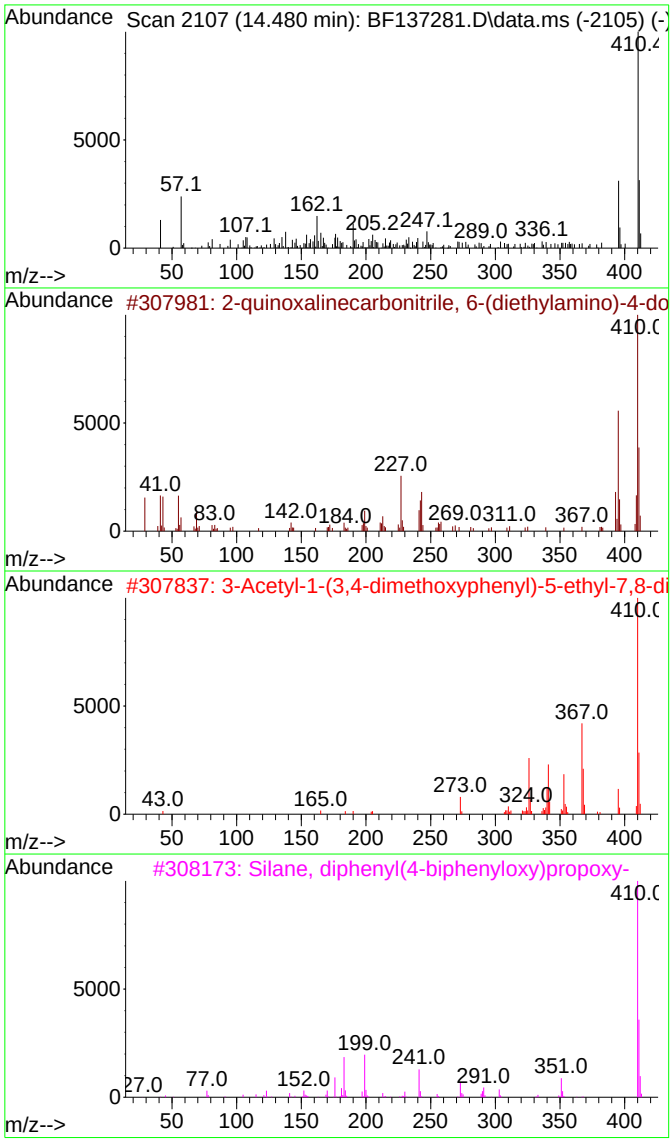
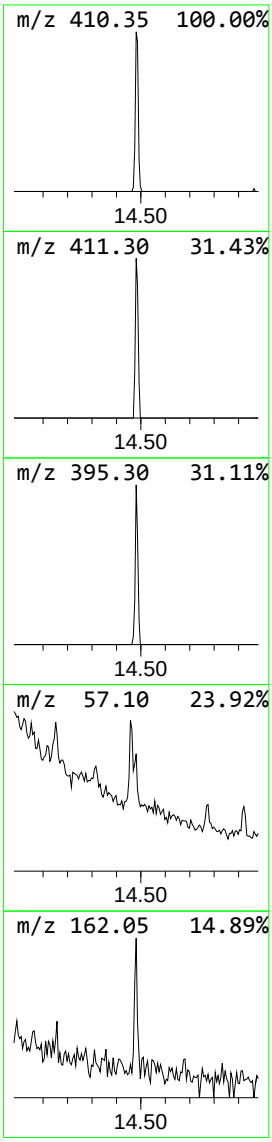
Peak Number 15 2-quinoxalinecarbonitrile, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	4.44 ng	88722	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-quinoxalinecarbonitrile, 6-(di...	410	C25H38N4O	1000399-06-1	72
2	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	59
3	Silane, diphenyl(4-biphenyloxy)p...	410	C27H26O2Si	1000367-49-5	52
4	Stigmasta-4,6,22-trien-3.alpha.-ol	410	C29H46O	1000103-93-1	50
5	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	50





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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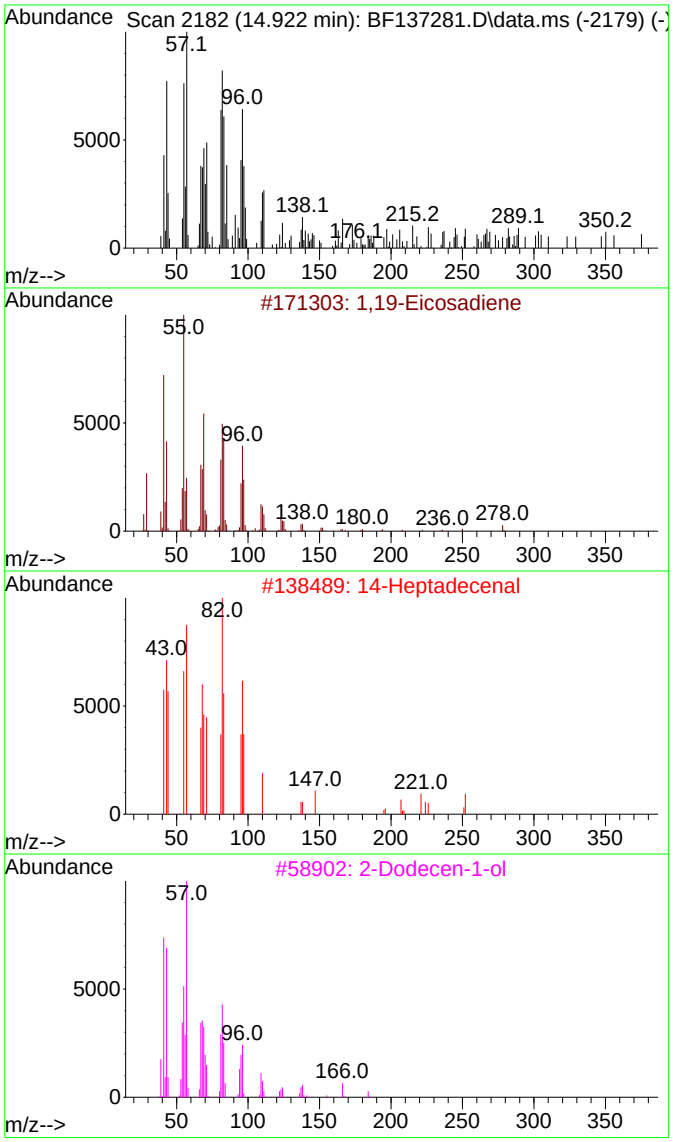
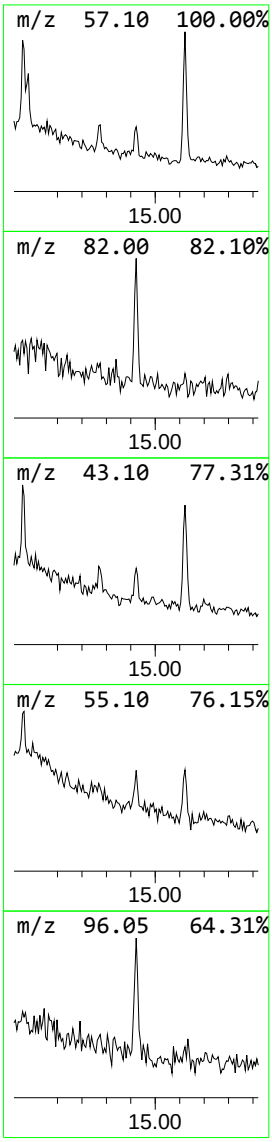
Peak Number 16 1,19-Eicosadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	3.96 ng	45191	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	83
2	14-Heptadecenal	252	C17H32O	1010144-58-0	83
3	2-Dodecen-1-ol	184	C12H24O	022104-81-0	70
4	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	70
5	16-Heptadecenal	252	C17H32O	1010144-57-9	64





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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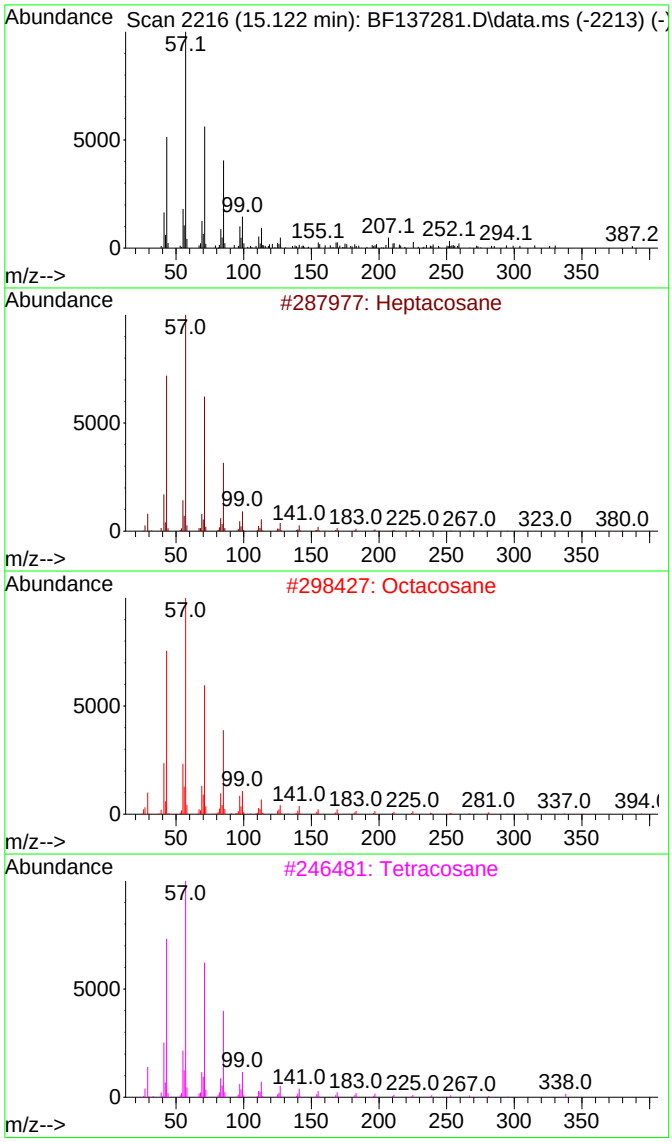
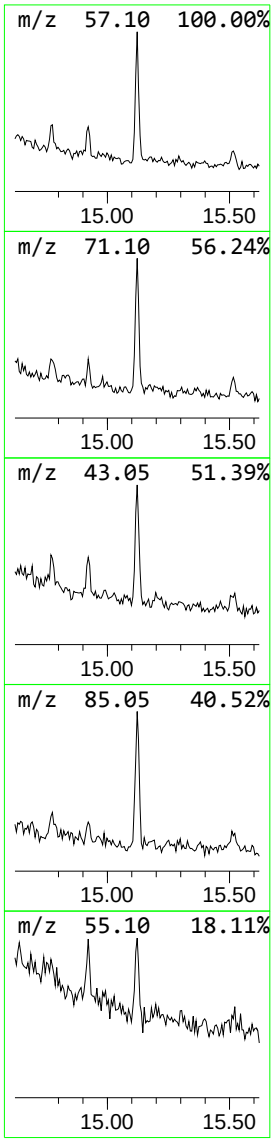
Peak Number 17 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.122	7.56 ng	86334	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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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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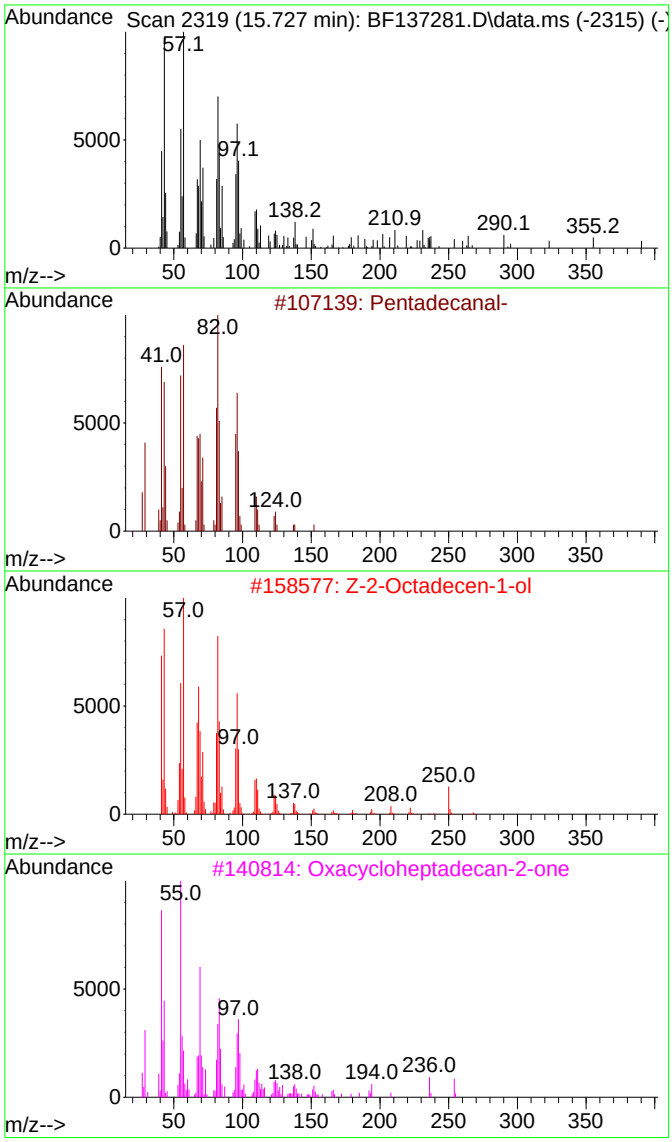
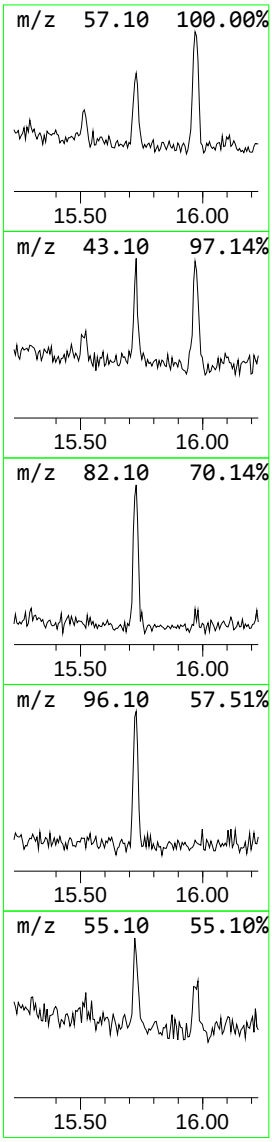
Peak Number 18 Pentadecanal- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	5.73 ng	65399	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	68
2	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	64
3	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	53
4	Cyclododecanol	184	C12H24O	001724-39-6	49
5	Octadecanal	268	C18H36O	000638-66-4	47





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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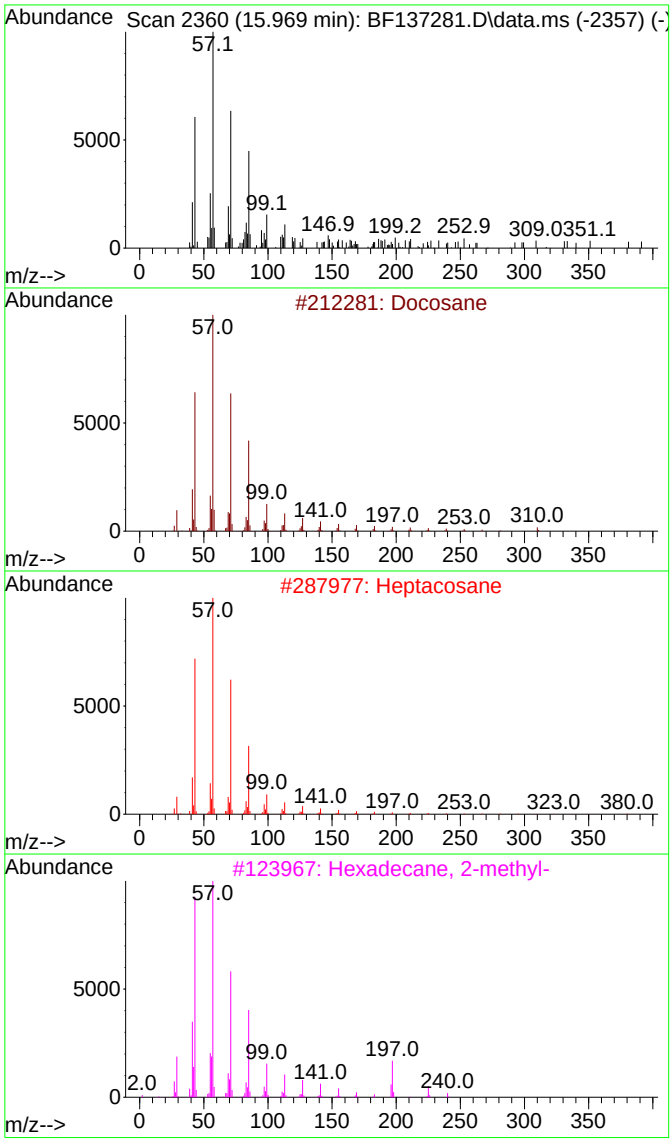
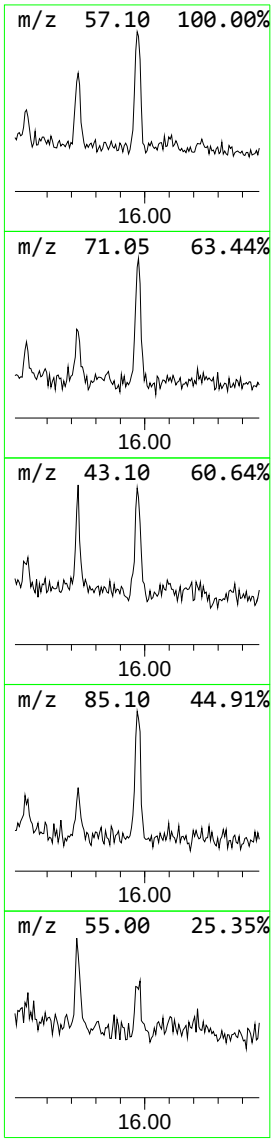
Peak Number 19 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	5.17 ng	59037	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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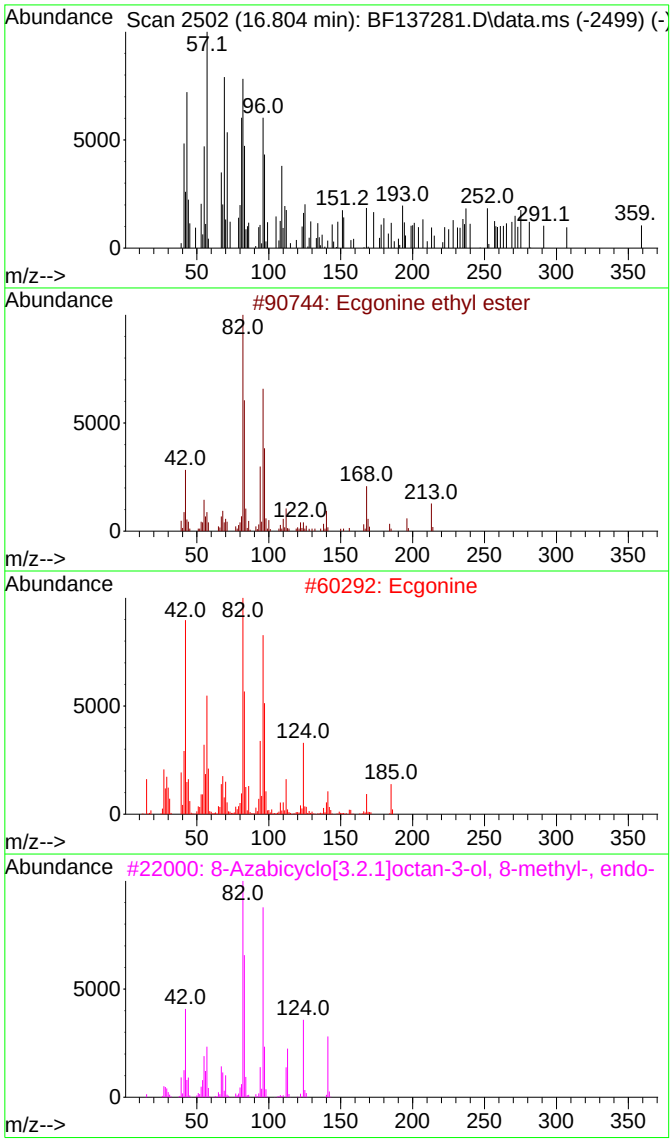
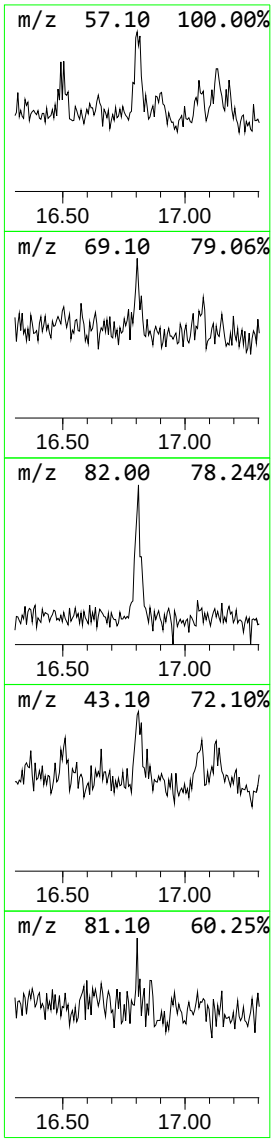
Peak Number 20 Ecgonine ethyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	3.59 ng	41055	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ecgonine ethyl ester	213	C11H19NO3	070939-97-8	50
2	Ecgonine	185	C9H15NO3	000481-37-8	45
3	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	42
4	Methyl ecgonine	199	C10H17NO3	007143-09-1	38
5	Cyclohexane, (1-butylhexadecyl)-	364	C26H52	004443-59-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT5149

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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	9.6	ng	155828	1	6.793	324786	20.0
Naphthalene, 2,...	10.028	3.6	ng	101010	3	9.822	560689	20.0
Carbonic acid, ...	10.093	4.5	ng	127067	3	9.822	560689	20.0
Naphthalene, 1,...	10.146	8.5	ng	237400	3	9.822	560689	20.0
unknown10.240	10.240	7.8	ng	219532	3	9.822	560689	20.0
Chamazulene	10.493	11.0	ng	309517	3	9.822	560689	20.0
unknown10.704	10.704	7.4	ng	250700	4	11.328	673945	20.0
Decane, 2-methyl-	11.234	20.0	ng	673945	4	11.328	673945	20.0
1-Methyldibenzo...	11.663	12.9	ng	433247	4	11.328	673945	20.0
3,7-Dimethyldib...	12.069	18.1	ng	609073	4	11.328	673945	20.0
1,3-Dimethyldib...	12.269	13.8	ng	464685	4	11.328	673945	20.0
Phenanthrene, 2...	12.392	12.0	ng	404090	4	11.328	673945	20.0
2-quinoxalineca...	14.480	4.4	ng	88722	5	13.980	399328	20.0
1,19-Eicosadiene	14.922	4.0	ng	45191	6	15.451	228441	20.0
Heptacosane	15.122	7.6	ng	86334	6	15.451	228441	20.0
Pentadecanal-	15.727	5.7	ng	65399	6	15.451	228441	20.0
Docosane	15.969	5.2	ng	59037	6	15.451	228441	20.0
Ecgonine ethyl ...	16.804	3.6	ng	41055	6	15.451	228441	20.0