LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131434.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	21	27	33	rBV	559693	698179	38.24%	4.093%
2	2.357	41	46	58	rVB	37413	51192	2.80%	0.300%
3	2.634	77	93	99	rVB	316818	505684	27.70%	2.964%
4	4.016	323	328	332	rBV3	16878	28075	1.54%	0.165%
5	4.151	343	351	357	rBV2	14785	23104	1.27%	0.135%
6	4.298	369	376	380	rBV3	15120	22268	1.22%	0.131%
7	4.598	423	427	430	rBV	45653	51299	2.81%	0.301%
8	5.169	519	524	530	rBV	380993	428194	23.45%	2.510%
9	5.369	551	558	561	rBV2	20186	25950	1.42%	0.152%
10	5.563	584	591	594	rBV	1672972	1650037	90.37%	9.673%
11	5.851	637	640	643	rVB	76900	60708	3.33%	0.356%
12	5.963	654	659	663	rBV2	27116	30766	1.69%	0.180%
13	6.569	756	762	765	rVB	1517807	1638684	89.75%	9.606%
14	6.775	794	797	800	rBV2	53700	42578	2.33%	0.250%
15	6.951	823	827	830	rVB	592939	468797	25.68%	2.748%
16	7.516	918	923	926	rBV	1264818	1080989	59.21%	6.337%
17	8.239	1042	1046	1048	rBV	725906	567257	31.07%	3.325%
18	8.257	1048	1049	1053	rVB	75847	53150	2.91%	0.312%
19	8.951	1165	1167	1170	rBV	41138	34283	1.88%	0.201%
20	9.057	1181	1185	1188	rVB	34893	33188	1.82%	0.195%
21	9.322	1225	1230	1233	rBV	2168587	1825794	100.00%	10.703%
22	9.392	1238	1242	1245	rBV	41384	39736	2.18%	0.233%
23	9.586	1271	1275	1278	rVB2	21027	24941	1.37%	0.146%
24	9.633	1278	1283	1285	rBV5	28075	31431	1.72%	0.184%
25	9.657	1285	1287	1289	rVB	30814	25112	1.38%	0.147%
26	9.710	1294	1296	1299	rVB3	24318	24429	1.34%	0.143%
27	9.863	1319	1322	1325	rBV2	46737	43404	2.38%	0.254%
28	9.910	1328	1330	1335	rVB3	33445	42138	2.31%	0.247%
29	10.004	1339	1346	1349	rVV	814135	651718	35.70%	3.821%
30	10.033	1349	1351	1355	rVB	102684	89652	4.91%	0.526%
31	10.163	1368	1373	1374	rBV4	18827	22347	1.22%	0.131%
32	10.210	1376	1381	1384	rVV	72029	74690	4.09%	0.438%
33	10.316	1395	1399	1402	rBV2	42765	60809	3.33%	0.356%
34	10.410	1411	1415	1417	rBV3	52306	55229	3.02%	0.324%
35	10.469	1421	1425	1429	rBV7	14313	25552	1.40%	0.150%
36	10.551	1436	1439	1443	rBV	127835	121385	6.65%	0.712%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.645	1452	1455	1460	rBV2	33305	43304	2.37%	0.254%
38	10.722	1464	1468	1471	rVB2	110677	112060	6.14%	0.657%
39	10.798	1477	1481	1484	rBV	1065015	1004806	55.03%	5.890%
40	10.916	1497	1501	1504	rBV	79343	97167	5.32%	0.570%
41	11.304	1564	1567	1569	rBV3	46115	47189	2.58%	0.277%
42	11.392	1579	1582	1588	rVB2	67468	85345	4.67%	0.500%
43	11.504	1597	1601	1603	rBV	591925	605394	33.16%	3.549%
44	11.527	1603	1605	1608	rVV	816062	614493	33.66%	3.602%
45	11.574	1611	1613	1616	rVB	193620	162148	8.88%	0.951%
46	11.727	1637	1639	1645	rBV2	57835	68646	3.76%	0.402%
47	12.027	1688	1690	1696	rVB2	200660	201586	11.04%	1.182%
48	12.121	1703	1706	1708	rBV2	101988	109728	6.01%	0.643%
49	12.727	1806	1809	1812	rBV	799009	638527	34.97%	3.743%
50	12.957	1845	1848	1852	rVB	592243	485849	26.61%	2.848%
51	13.098	1869	1872	1875	rBV	1456464	1159325	63.50%	6.796%
52	14.163	2049	2053	2056	rBV2	502207	656868	35.98%	3.851%
53	15.709	2313	2316	2320	rBV	257622	313217	17.16%	1.836%

Sum of corrected areas: 17058401

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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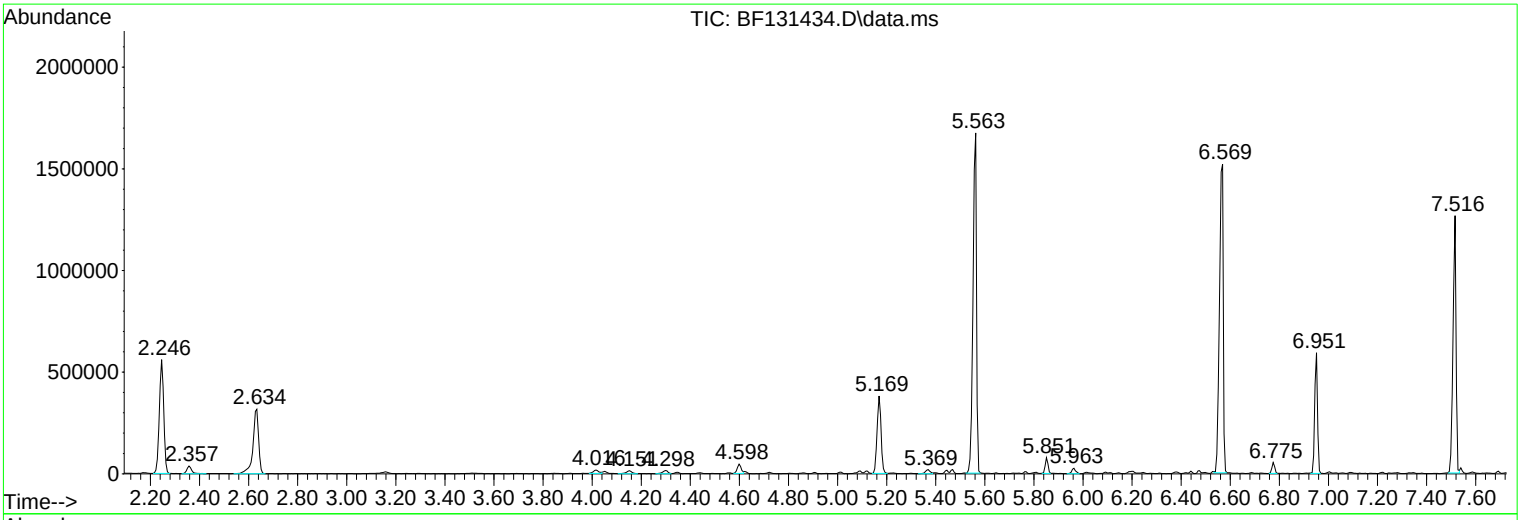
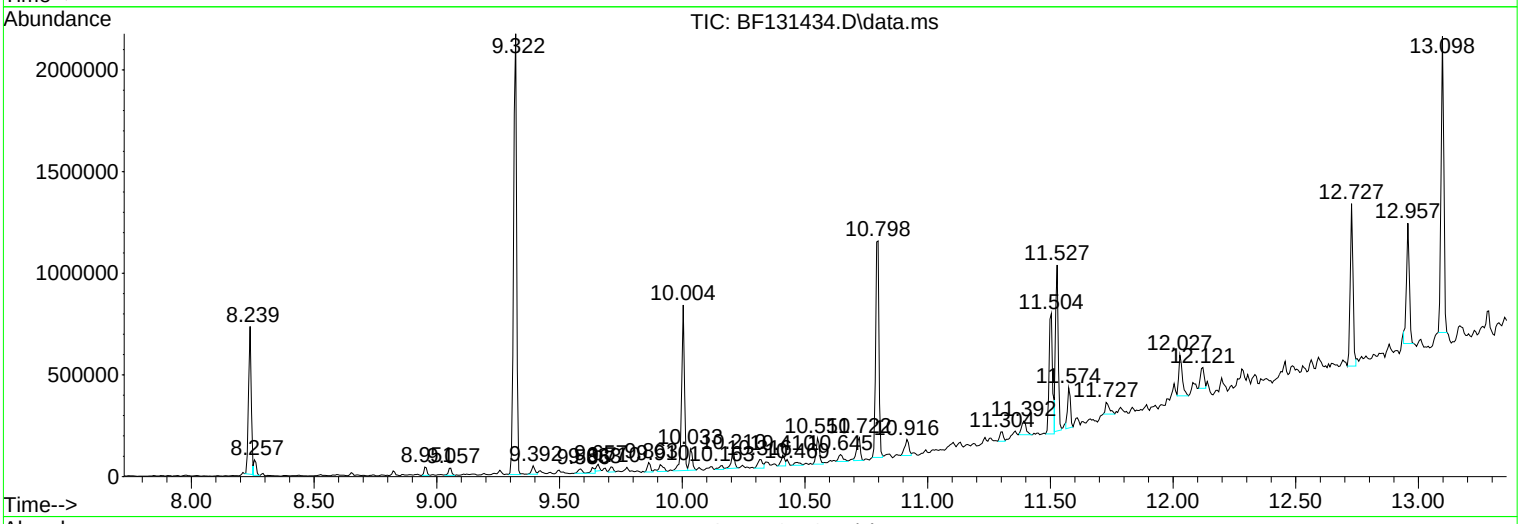
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

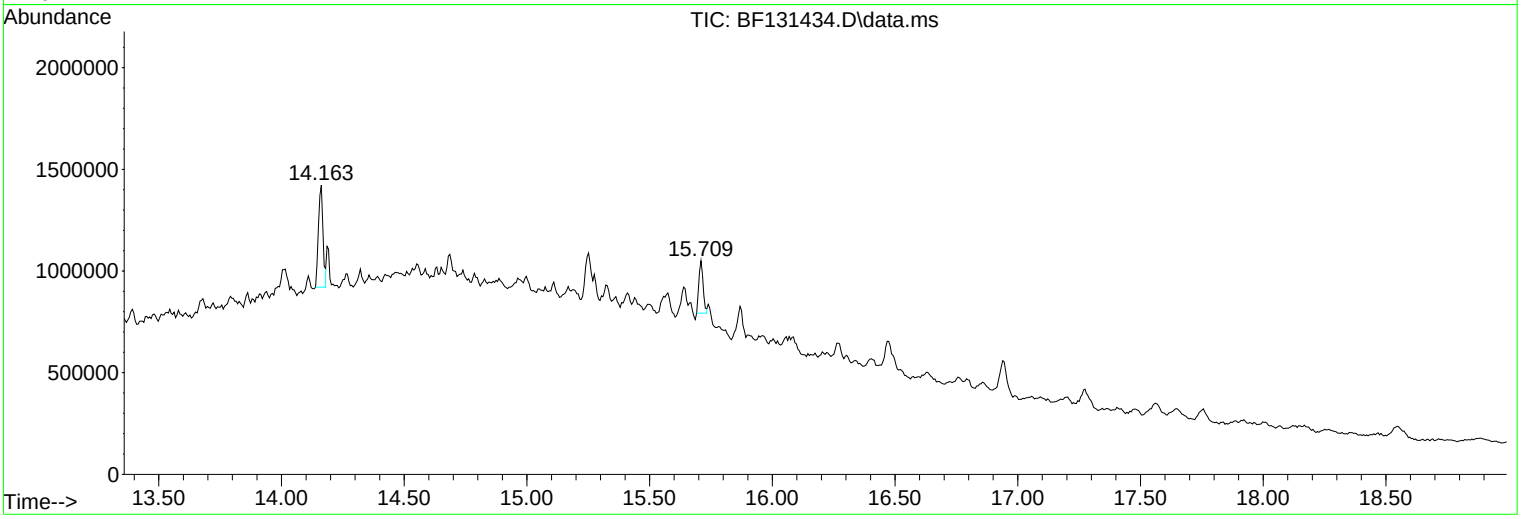
Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

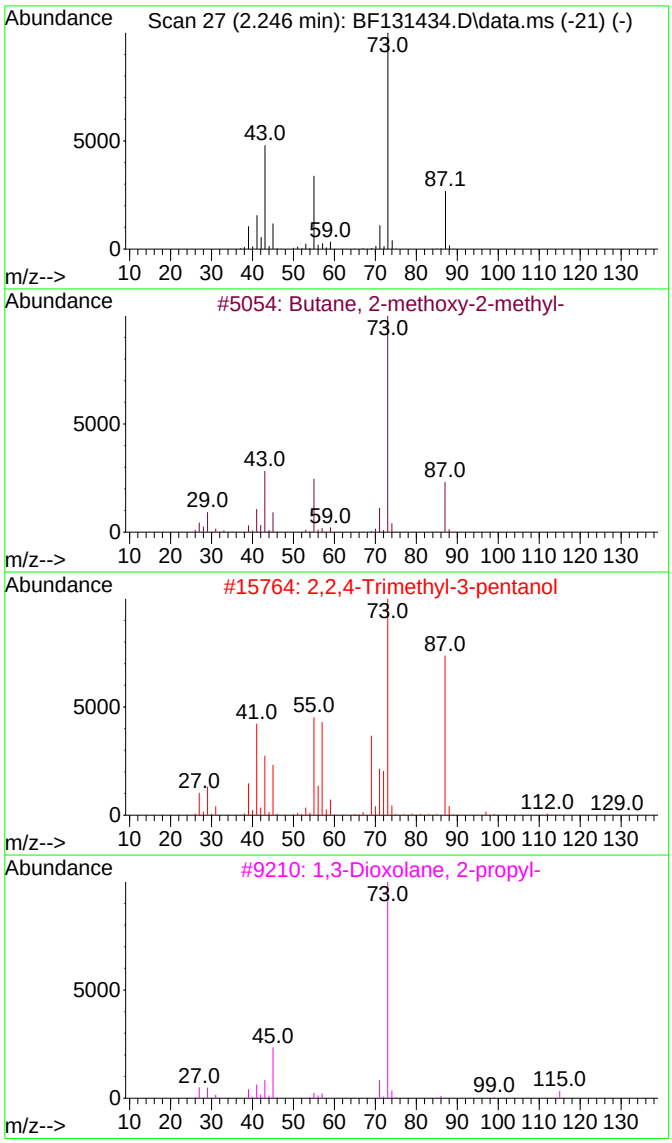
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

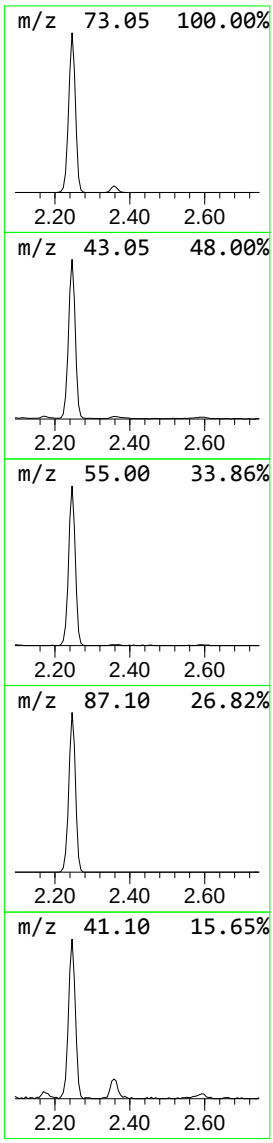
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	29.79 ng	698179	1,4-Dichlorobenzene-d4	6.951

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	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

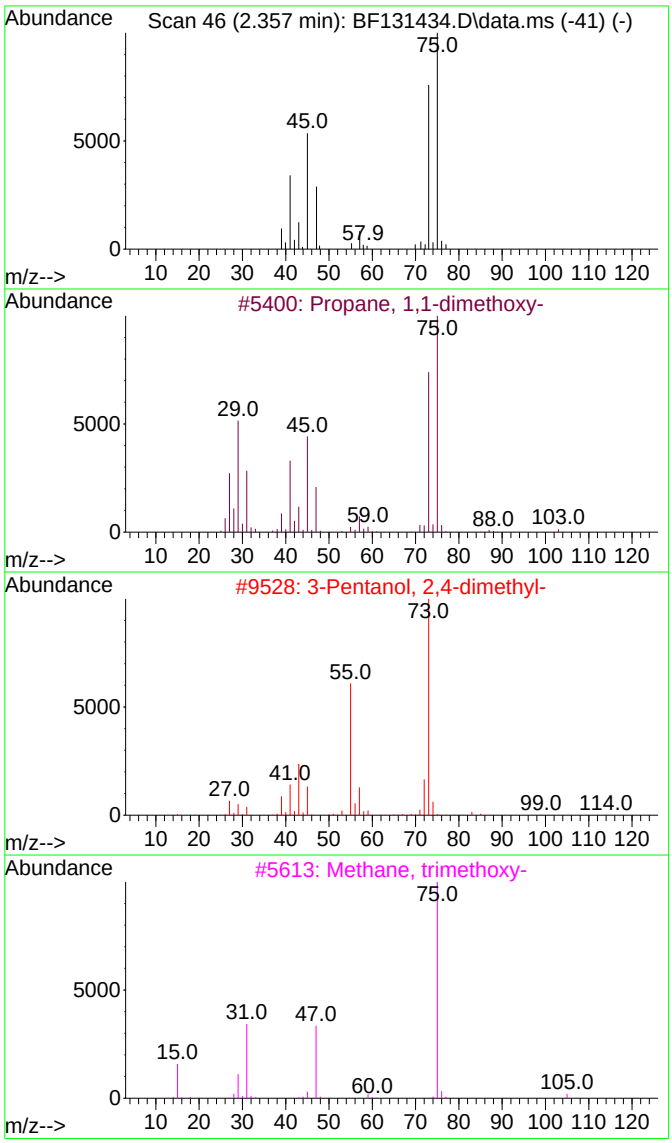
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

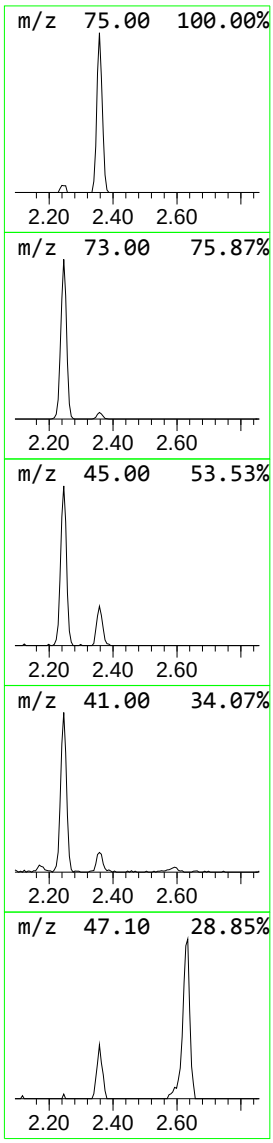
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	2.18 ng	51192	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

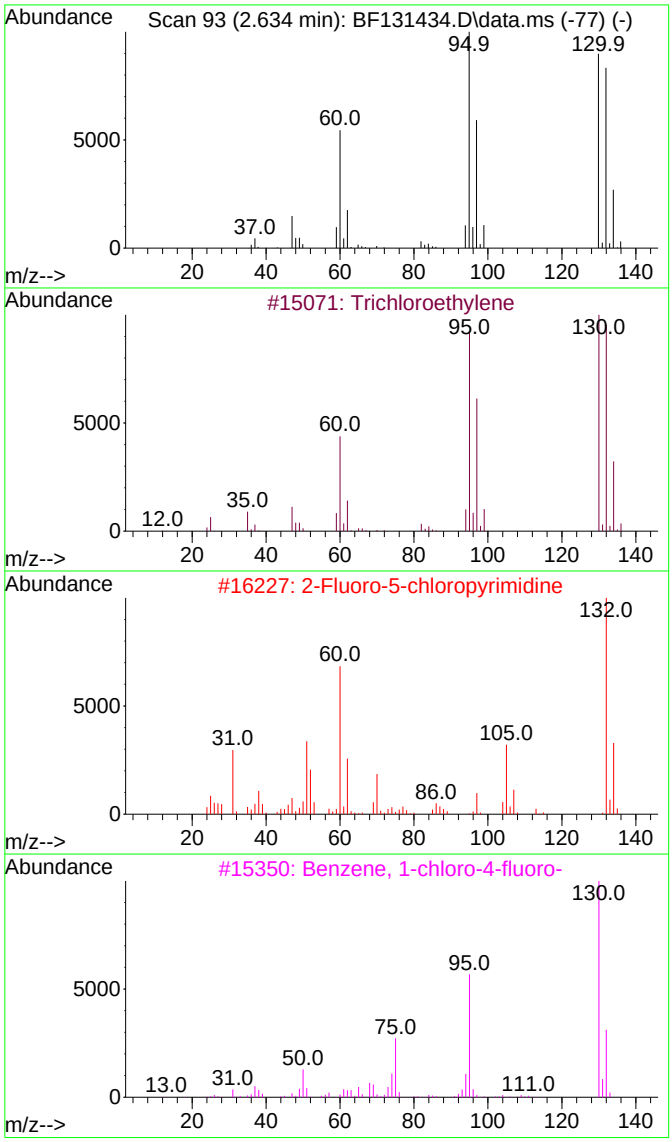
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

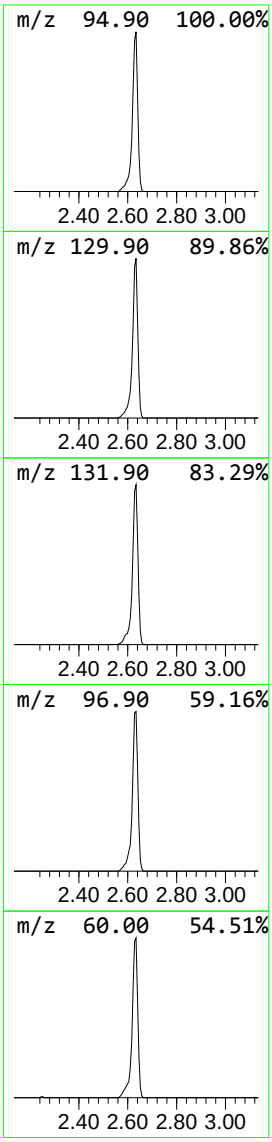
****

Peak Number 3 Trichloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.634	21.57 ng	505684	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	25
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
4	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	22
5	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

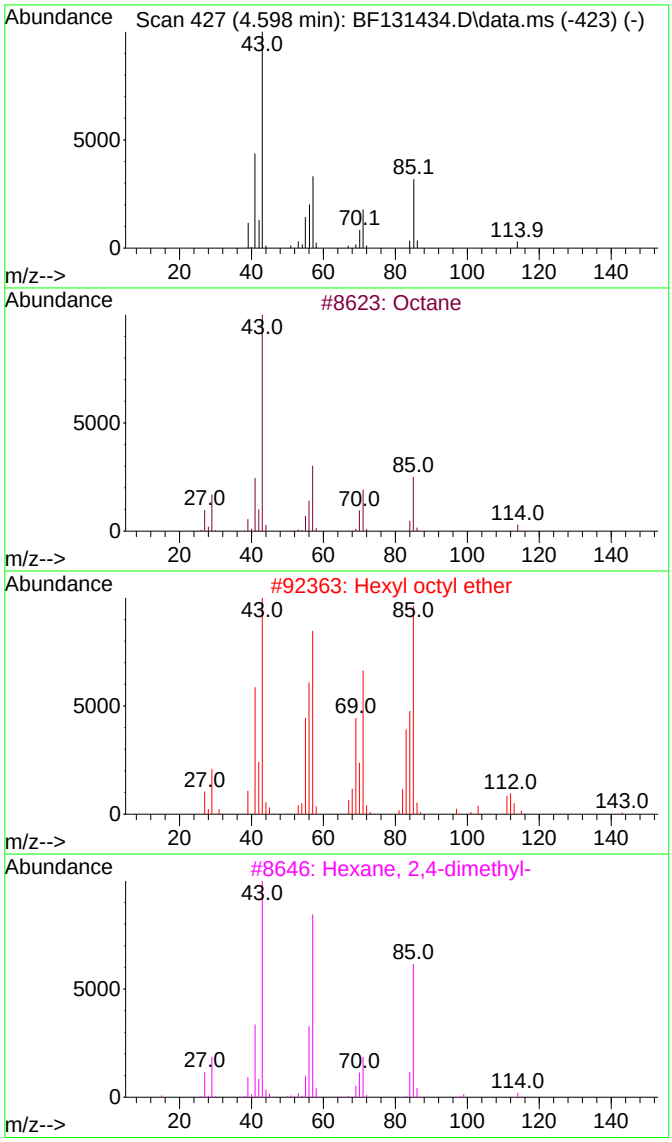
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

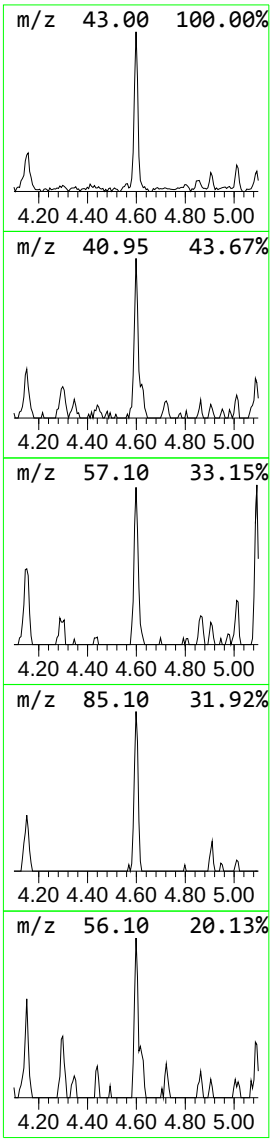
****

Peak Number 4 Octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.598	2.19 ng	51299	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Hexyl octyl ether	214	C14H30O	017071-54-4	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

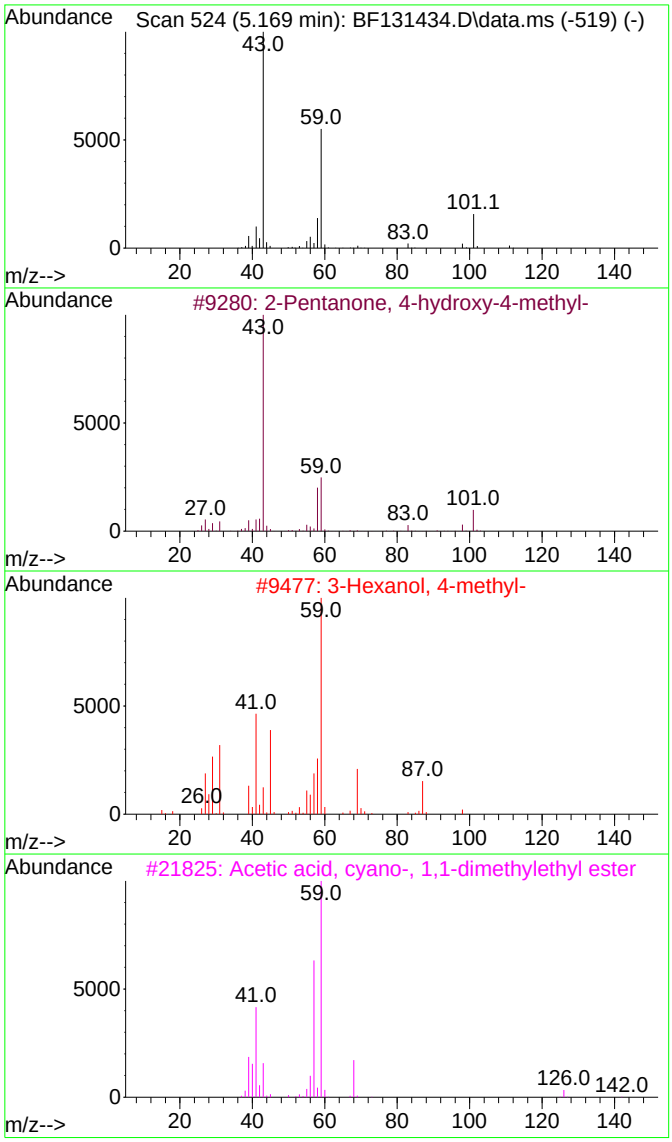
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

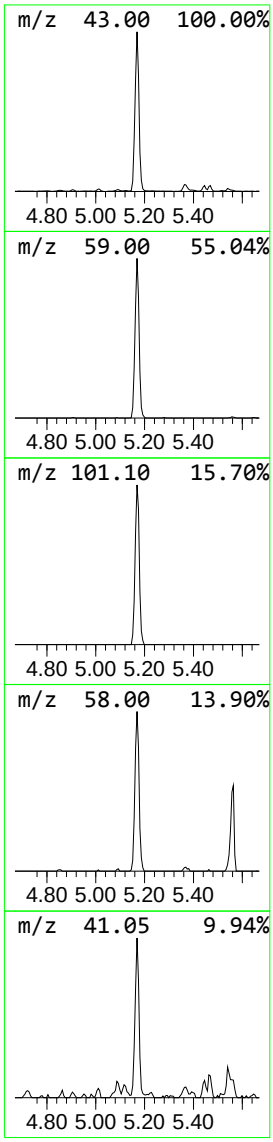
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	18.27 ng	428194	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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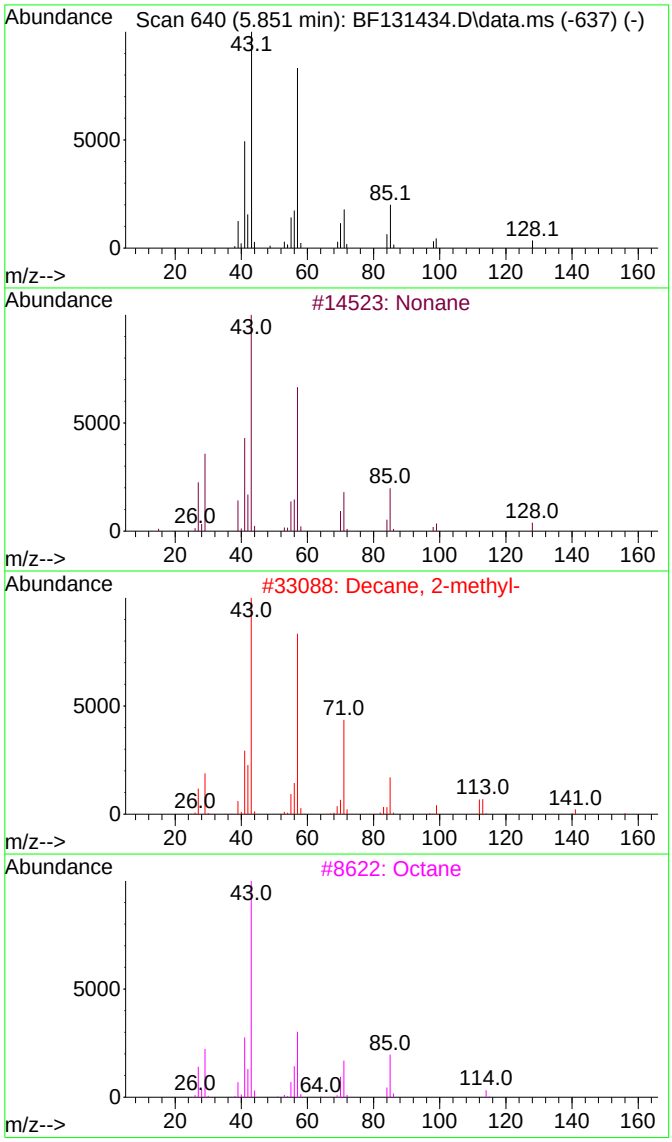
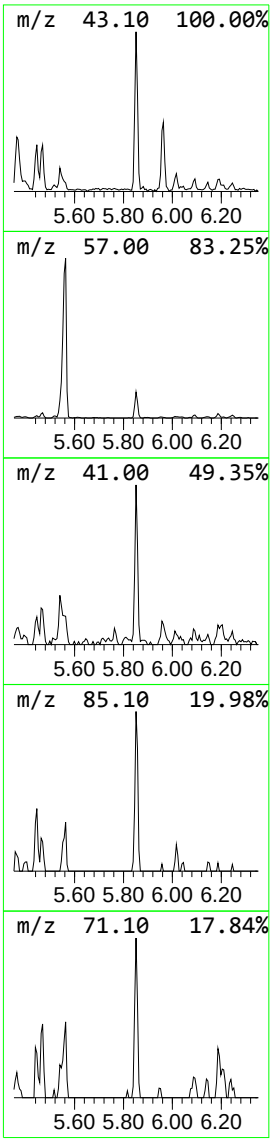
Peak Number 6 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	2.59 ng	60708	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Octane	114	C8H18	000111-65-9	59
4	Decane	142	C10H22	000124-18-5	50
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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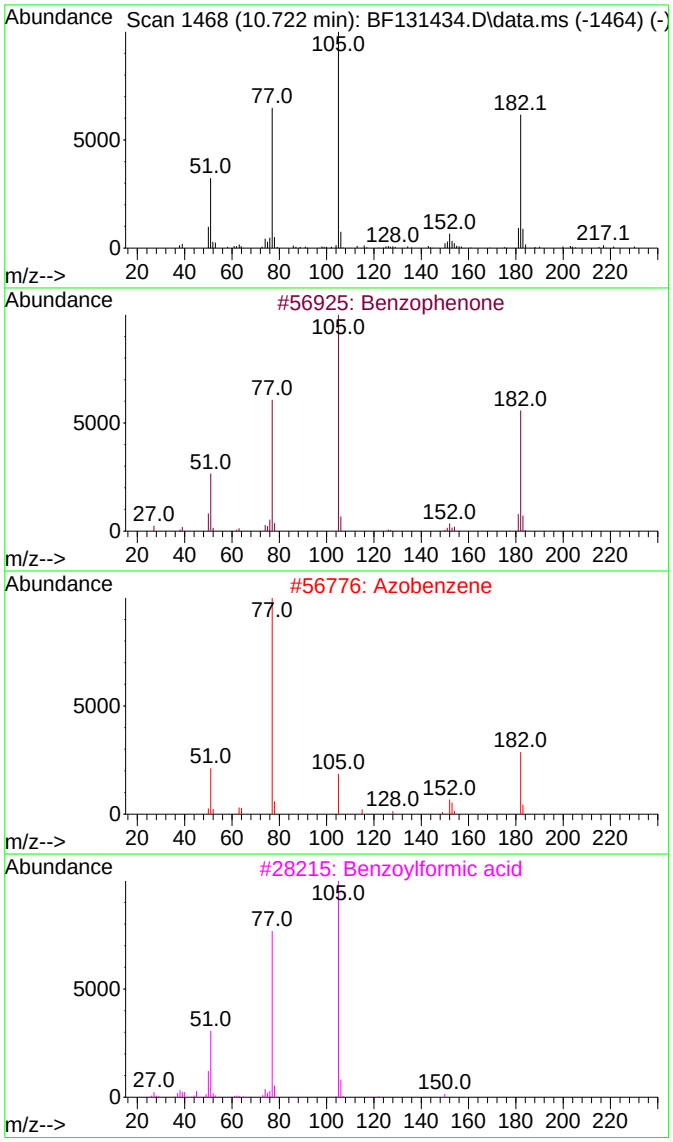
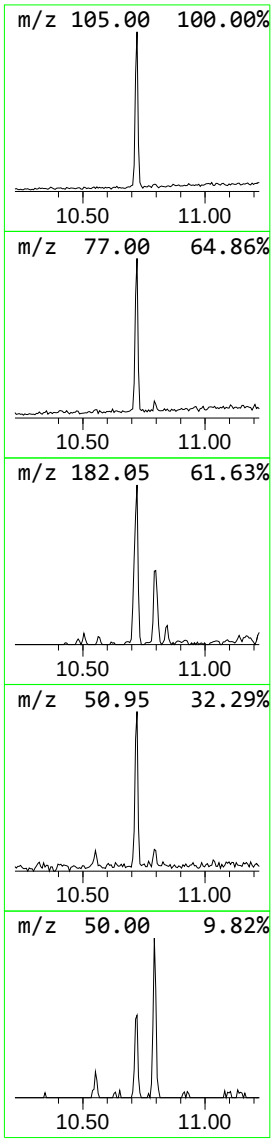
Peak Number 7 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	3.44 ng	112060	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzoylformic acid	150	C8H6O3	000611-73-4	60
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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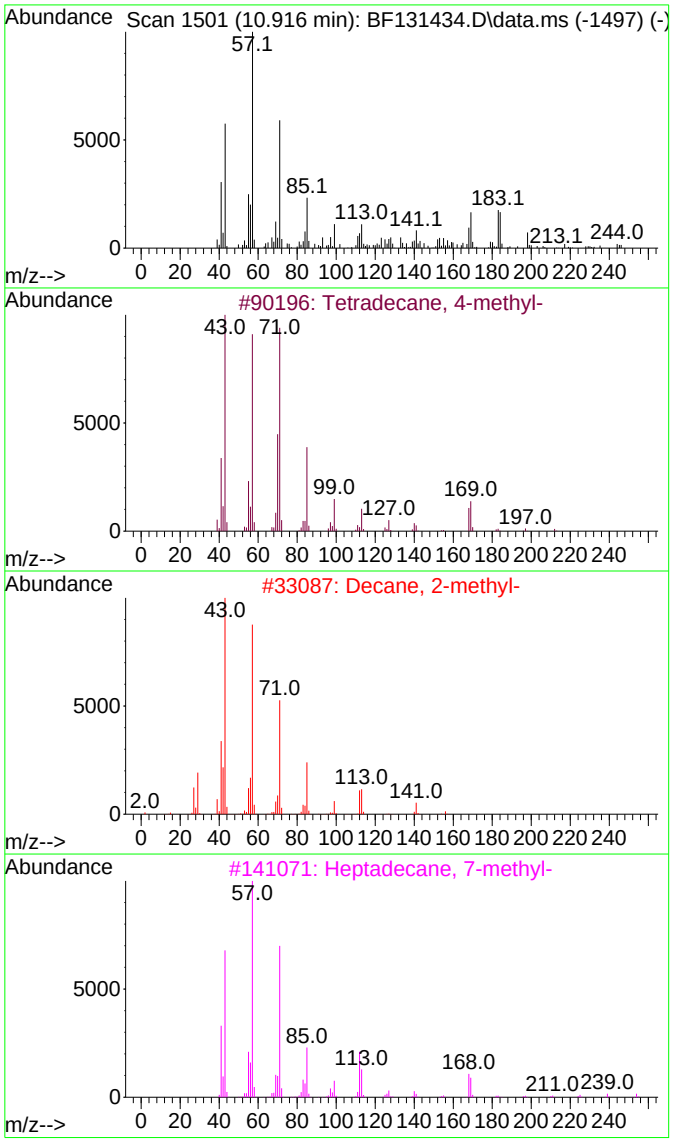
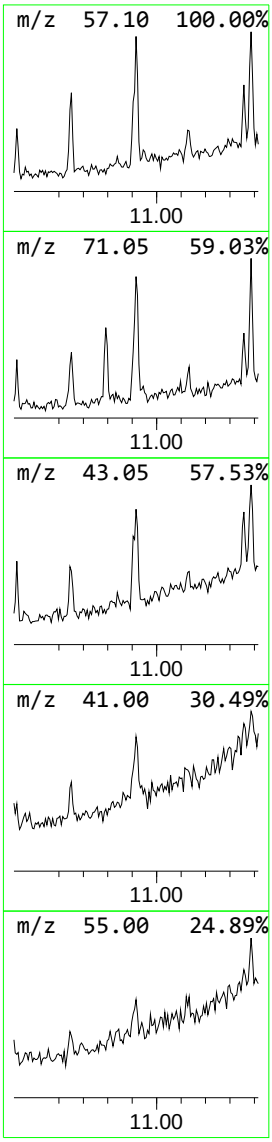
Peak Number 8 Tetradecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	3.21 ng	97167	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53





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Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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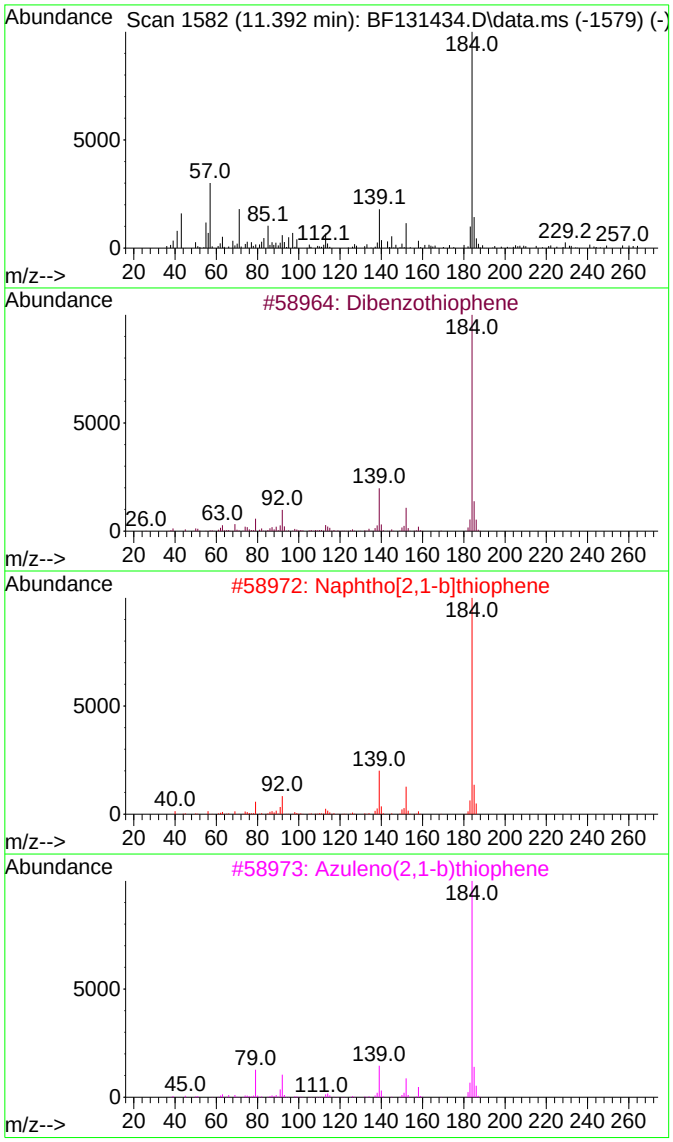
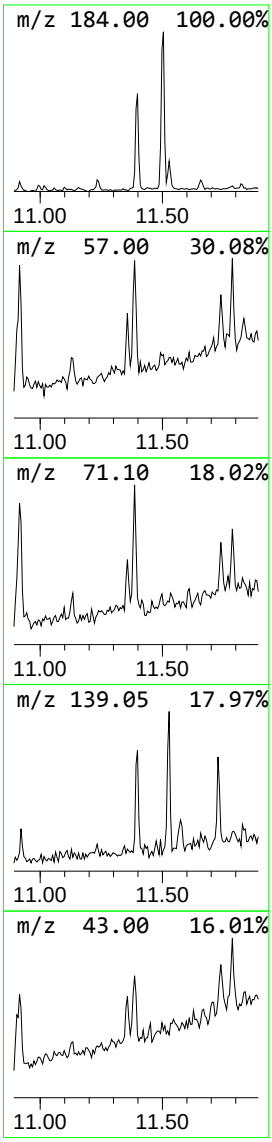
Peak Number 9 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	2.82 ng	85345	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	87
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	81
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74





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Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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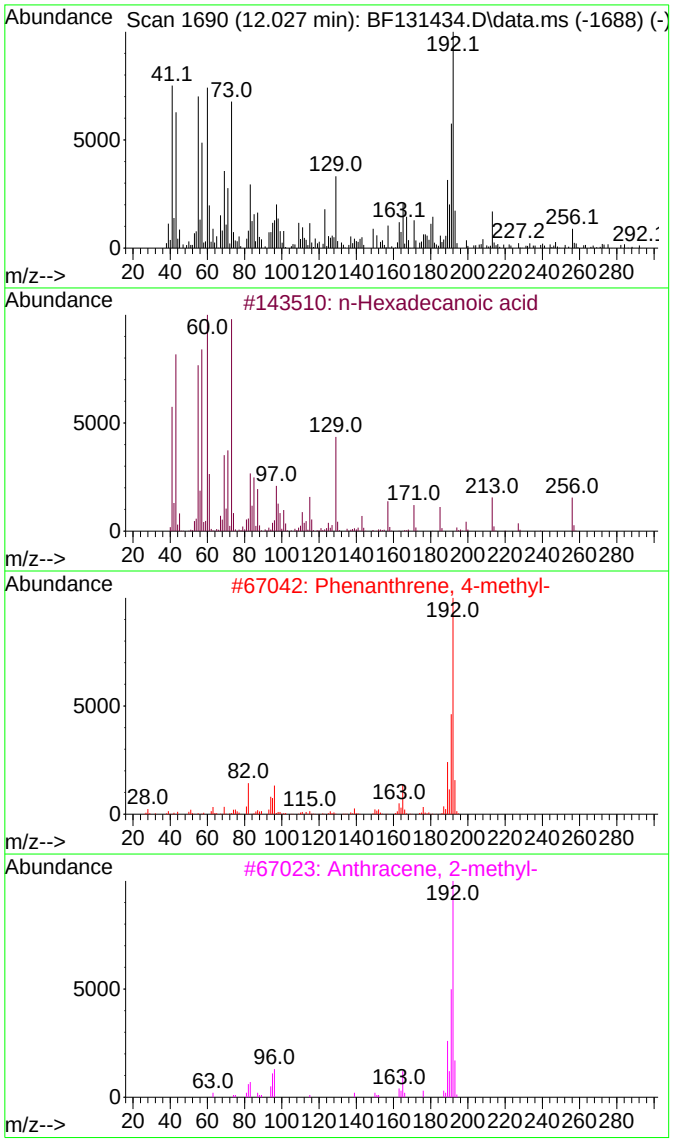
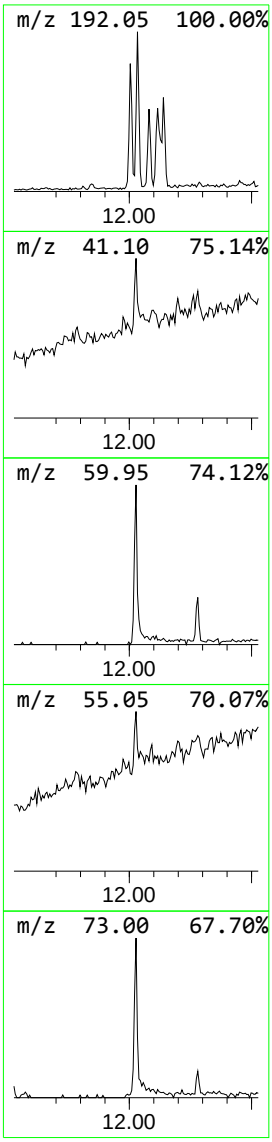
Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	6.66 ng	201586	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59





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Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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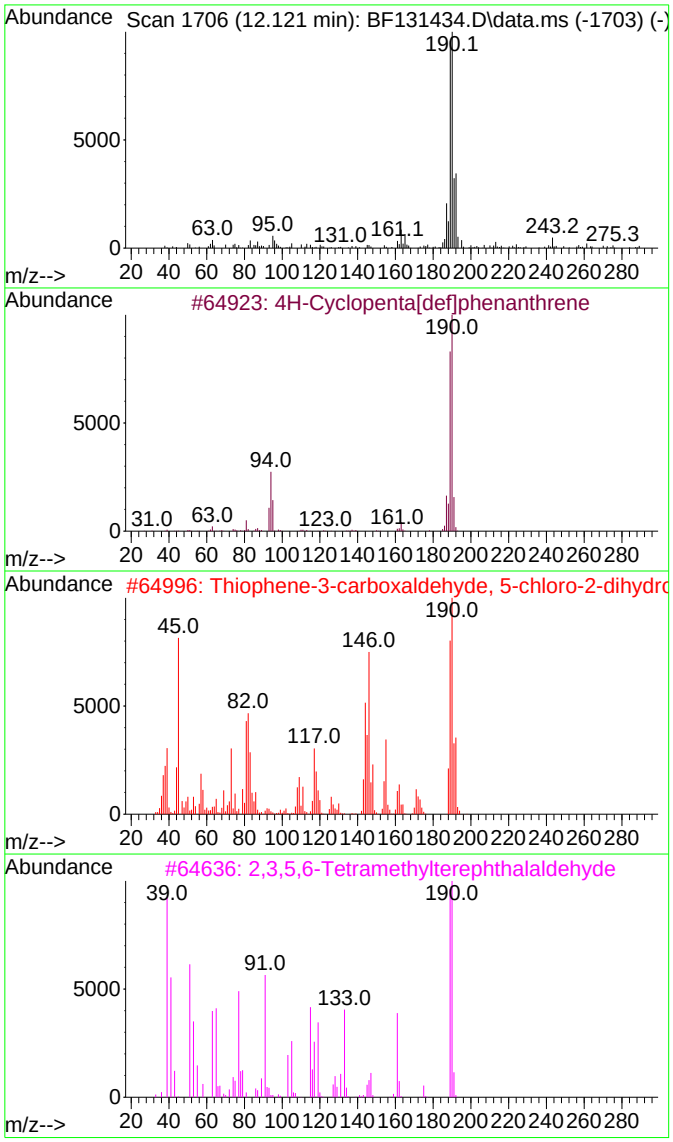
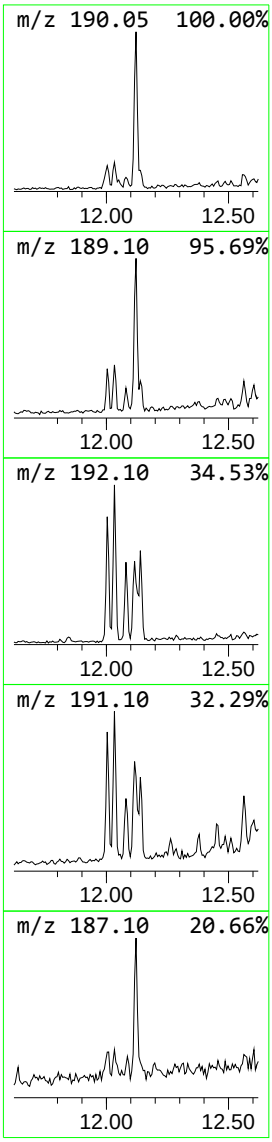
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	3.63 ng	109728	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131434.D
Acq On : 28 Nov 2022 17:42
Operator : CG\JU
Sample : N5752-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.246	29.8	ng	698179	1	6.951	468797	20.0
Propane, 1,1-di...	2.357	2.2	ng	51192	1	6.951	468797	20.0
Trichloroethylene	2.634	21.6	ng	505684	1	6.951	468797	20.0
Octane	4.598	2.2	ng	51299	1	6.951	468797	20.0
2-Pentanone, 4-...	5.169	18.3	ng	428194	1	6.951	468797	20.0
Nonane	5.851	2.6	ng	60708	1	6.951	468797	20.0
Benzophenone	10.722	3.4	ng	112060	3	10.004	651718	20.0
Tetradecane, 4-...	10.916	3.2	ng	97167	4	11.504	605394	20.0
Dibenzothiophene	11.392	2.8	ng	85345	4	11.504	605394	20.0
n-Hexadecanoic ...	12.027	6.7	ng	201586	4	11.504	605394	20.0
4H-Cyclopenta[d...	12.121	3.6	ng	109728	4	11.504	605394	20.0