LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130938.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	19	28	34	rVB	542958	700991	34.06%	4.165%
2	2.363	42	47	56	rBV	41417	57493	2.79%	0.342%
3	4.046	328	333	338	rVB	513288	634779	30.84%	3.772%
4	5.157	515	522	529	rBV	390355	490200	23.82%	2.913%
5	5.546	580	588	591	rBV	2097664	2018980	98.10%	11.996%
6	6.546	752	758	761	rBV	1898763	2004432	97.39%	11.910%
7	6.745	789	792	796	rBV2	47422	49450	2.40%	0.294%
8	6.922	818	822	825	rBV	585295	465327	22.61%	2.765%
9	7.316	885	889	898	rVB	330504	295644	14.36%	1.757%
10	7.487	913	918	921	rBV	1371074	1268816	61.65%	7.539%
11	7.922	987	992	1001	rBV3	49910	84163	4.09%	0.500%
12	8.110	1020	1024	1034	rBV	182407	319715	15.53%	1.900%
13	8.210	1037	1041	1043	rVV	633608	632870	30.75%	3.760%
14	8.228	1043	1044	1047	rVB	207557	119270	5.80%	0.709%
15	8.845	1144	1149	1153	rVB	26054	25476	1.24%	0.151%
16	8.922	1158	1162	1165	rBV	55492	43963	2.14%	0.261%
17	9.022	1175	1179	1182	rVB	32902	27556	1.34%	0.164%
18	9.104	1186	1193	1198	rBV2	29259	38815	1.89%	0.231%
19	9.287	1218	1224	1227	rBV	2462159	2058120	100.00%	12.229%
20	9.357	1233	1236	1239	rBV2	27882	25097	1.22%	0.149%
21	9.392	1239	1242	1245	rVB2	44559	40118	1.95%	0.238%
22	9.675	1287	1290	1293	rBV3	41067	39888	1.94%	0.237%
23	9.828	1313	1316	1319	rBV	33100	30054	1.46%	0.179%
24	9.875	1319	1324	1328	rVV4	17857	32422	1.58%	0.193%
25	9.969	1336	1340	1343	rVB	728558	600887	29.20%	3.570%
26	10.163	1369	1373	1377	rBV3	57218	55623	2.70%	0.330%
27	10.610	1445	1449	1452	rBV	33900	33615	1.63%	0.200%
28	10.757	1470	1474	1477	rBV	1325090	1132992	55.05%	6.732%
29	10.875	1490	1494	1498	rBV	65863	73402	3.57%	0.436%
30	11.345	1570	1574	1578	rVB2	39954	45683	2.22%	0.271%
31	11.457	1590	1593	1596	rBV	571133	520274	25.28%	3.091%
32	11.480	1596	1597	1601	rVV	77038	53524	2.60%	0.318%
33	11.528	1602	1605	1609	rVB2	21251	25351	1.23%	0.151%
34	11.845	1656	1659	1662	rVB	48760	35623	1.73%	0.212%
35	11.975	1676	1681	1687	rBV3	35126	61313	2.98%	0.364%
36	12.063	1694	1696	1700	rBV4	20122	28868	1.40%	0.172%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.104	1700	1703	1705	rVB2	28842	24687	1.20%	0.147%
38	12.204	1717	1720	1725	rVB5	27279	29289	1.42%	0.174%
39	12.316	1736	1739	1745	rVB4	44831	40650	1.98%	0.242%
40	12.675	1797	1800	1803	rVB	108837	88246	4.29%	0.524%
41	12.716	1804	1807	1811	rVB2	36774	31442	1.53%	0.187%
42	12.904	1834	1839	1843	rBV	86881	94828	4.61%	0.563%
43	13.051	1860	1864	1867	rVB	1521573	1265213	61.47%	7.517%
44	13.186	1884	1887	1889	rBV	52937	41643	2.02%	0.247%
45	14.110	2040	2044	2046	rBV	385806	374895	18.22%	2.228%
46	14.133	2046	2048	2050	rVB	48641	37660	1.83%	0.224%
47	14.574	2120	2123	2125	rBV2	23524	25768	1.25%	0.153%
48	15.168	2221	2224	2228	rBV	42006	63929	3.11%	0.380%
49	15.486	2276	2278	2284	rVB	38295	46750	2.27%	0.278%
50	15.551	2286	2289	2296	rVB	42877	53462	2.60%	0.318%
51	15.621	2296	2301	2305	rBV	326285	414154	20.12%	2.461%
52	17.139	2557	2559	2565	rVB2	16565	26848	1.30%	0.160%

Sum of corrected areas: 16830258

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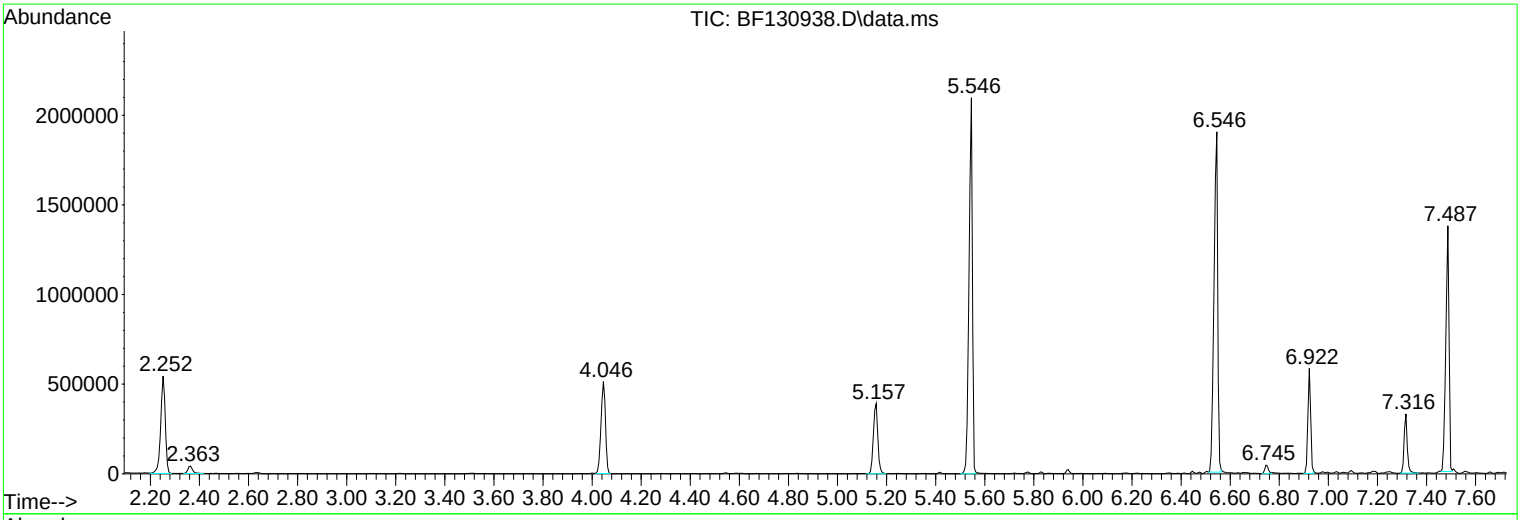
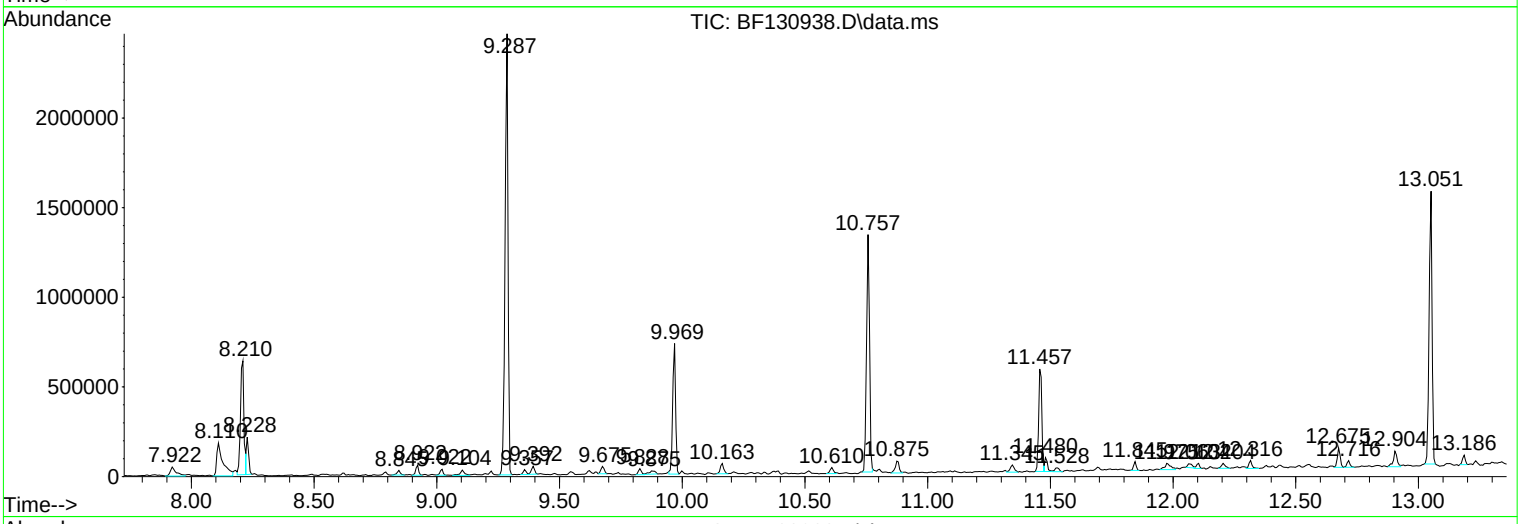
ALS Vial : 8 Sample Multiplier: 1

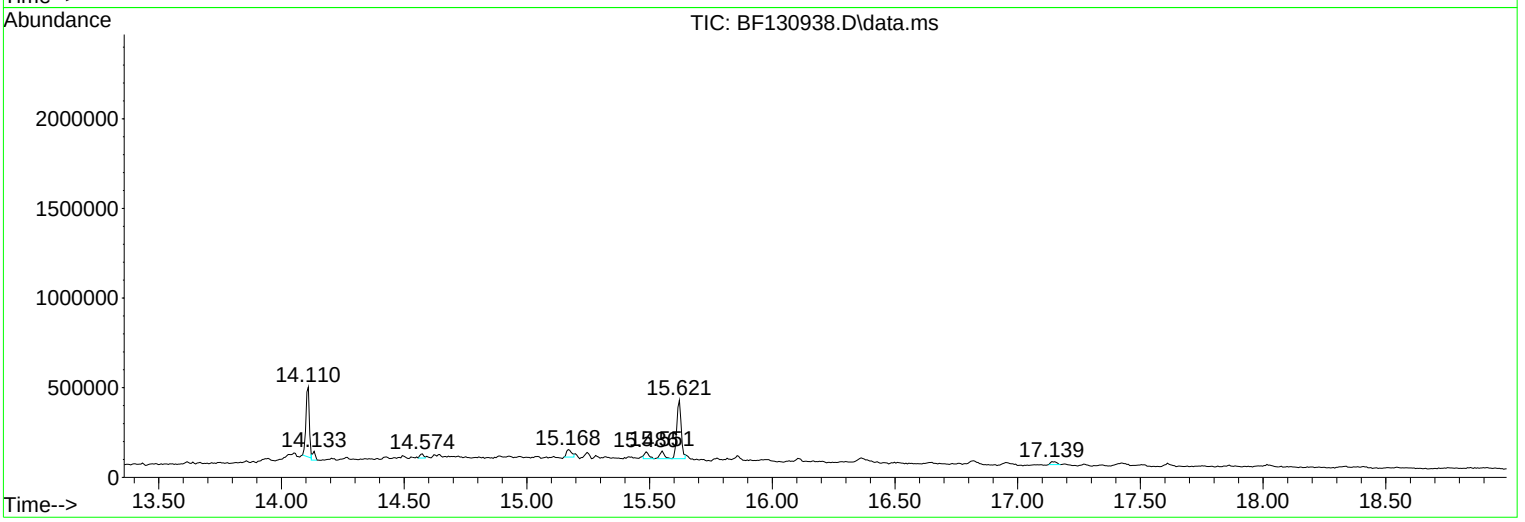
Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110222\
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Operator : CG\JU
Sample : N5395-06
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

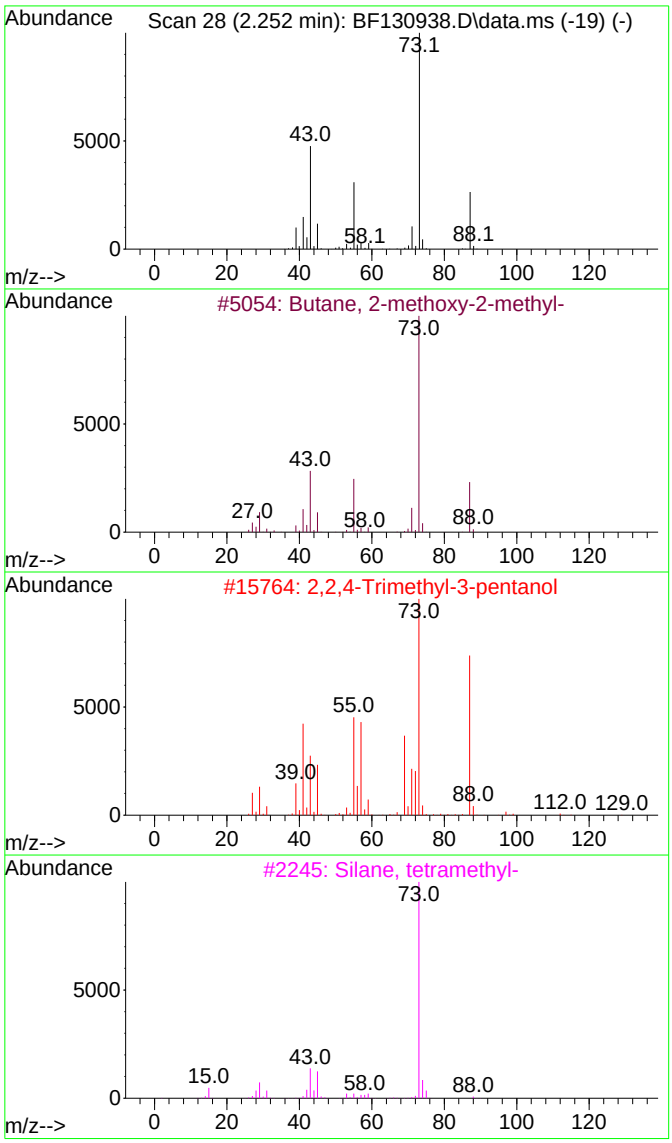
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

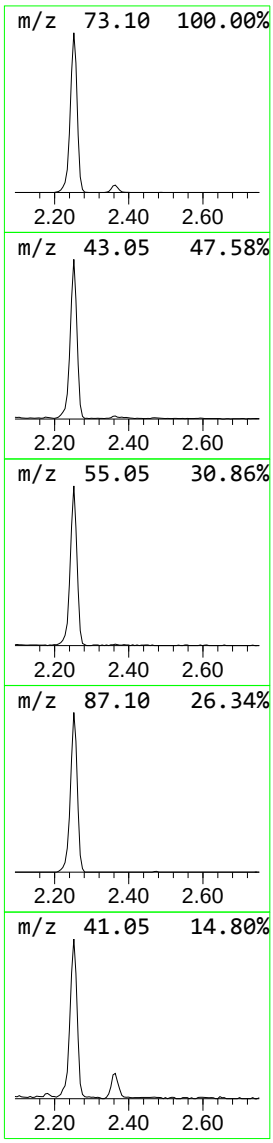
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	30.13 ng	700991	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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

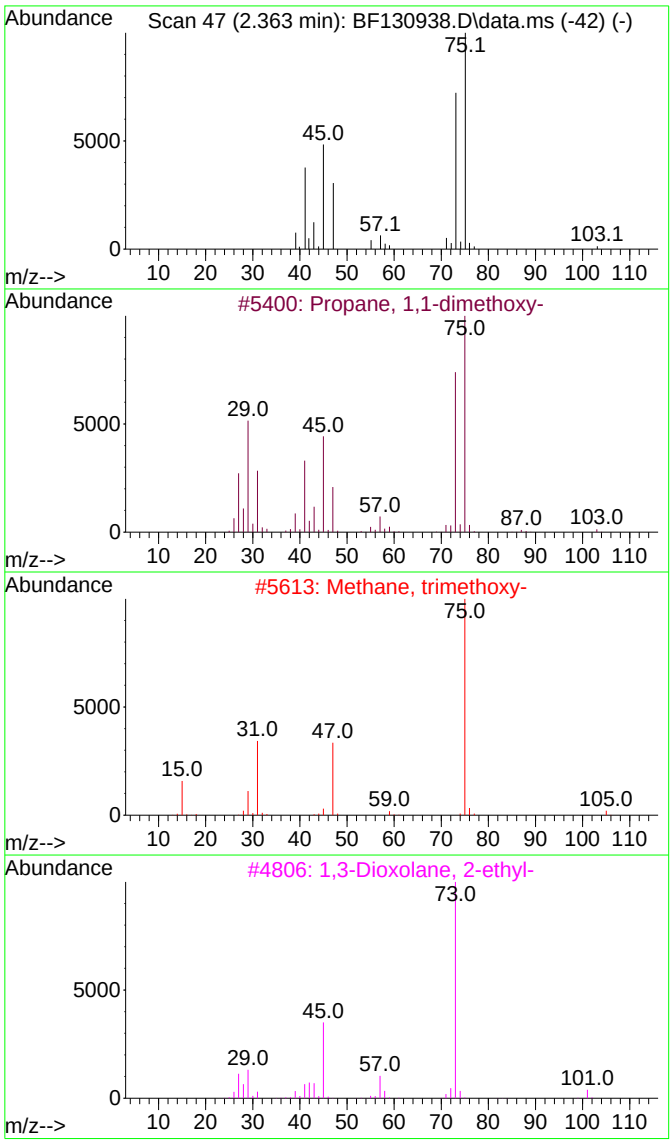
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

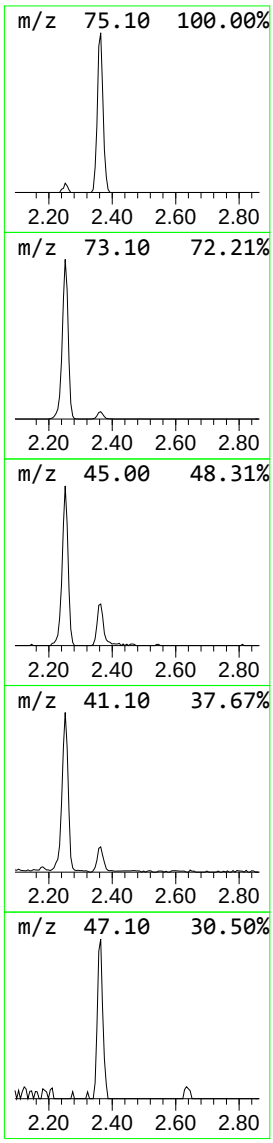
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.363	2.47 ng	57493	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Methane, trimethoxy-	106	C4H10O3	000149-73-5	28
3	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

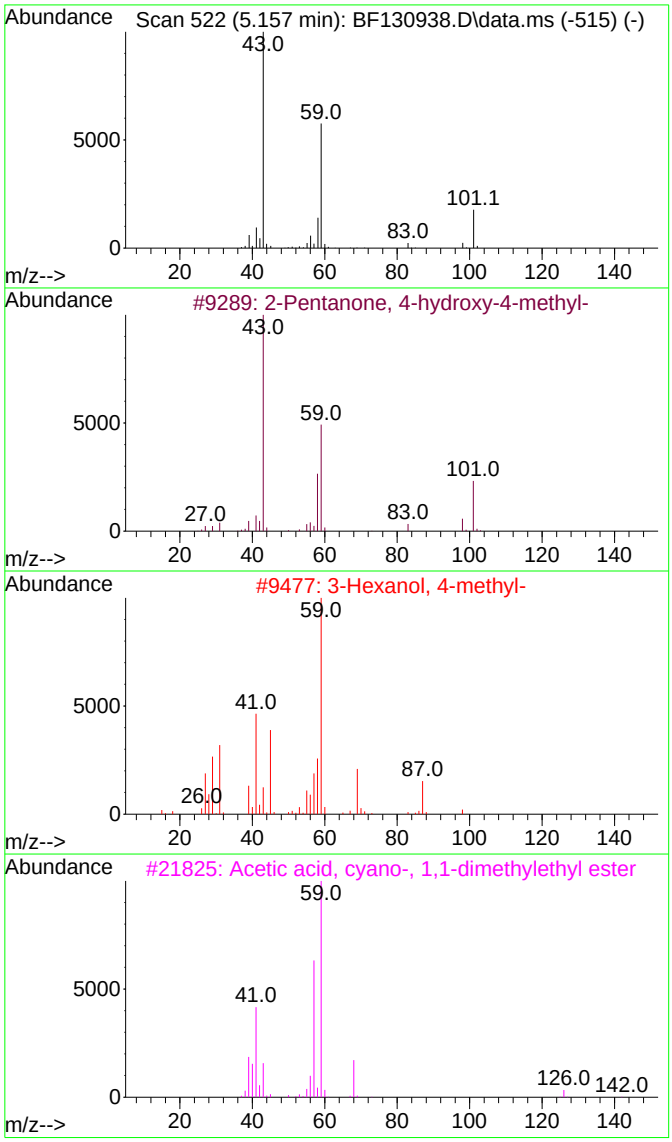
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

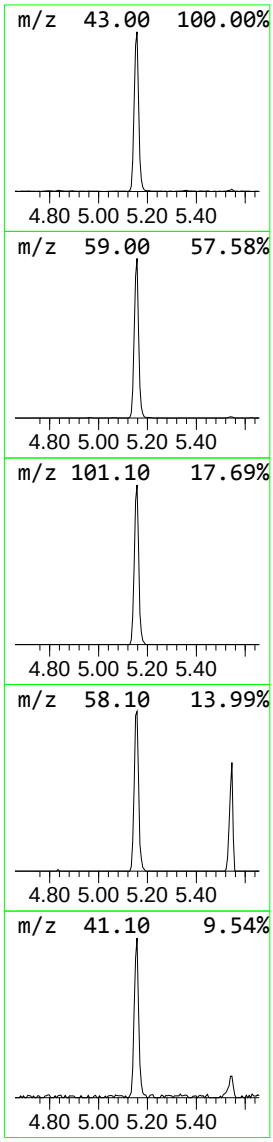
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	21.07 ng	490200	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	64
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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

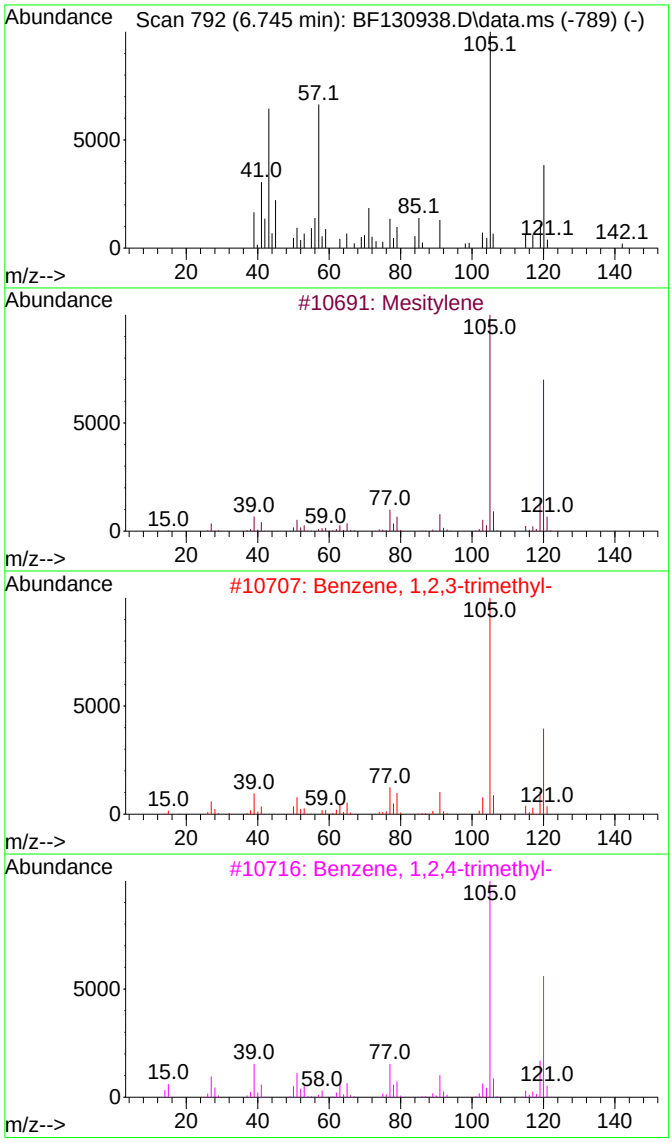
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

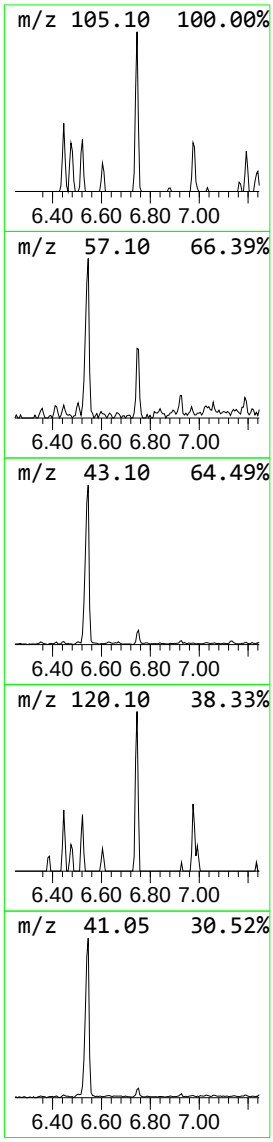
****

Peak Number 5 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	2.13 ng	49450	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	70
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

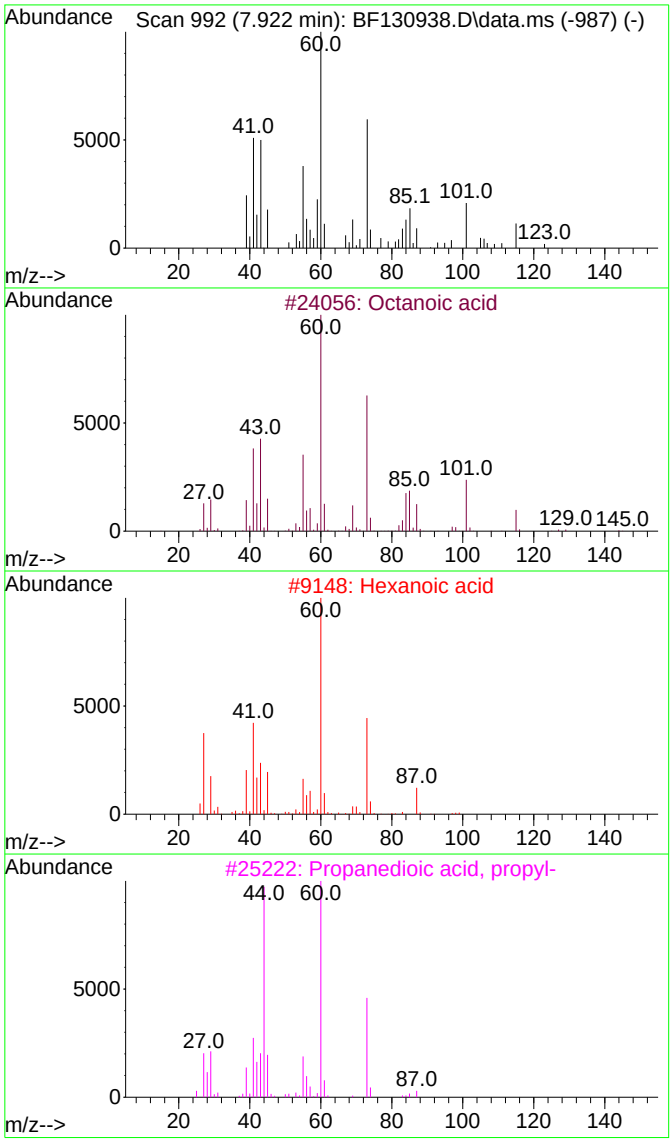
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

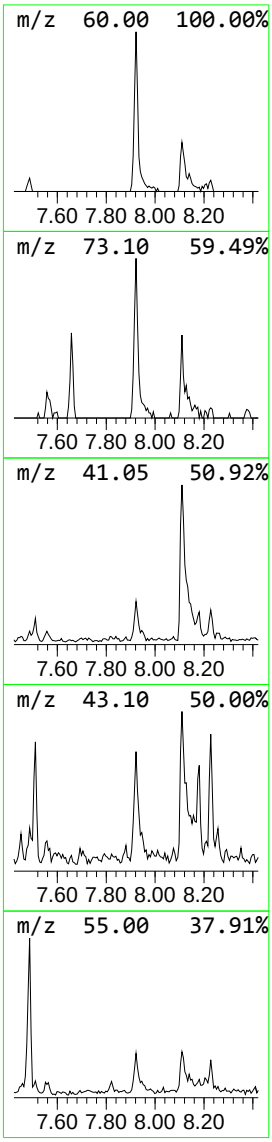
****

Peak Number 6 Octanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	2.66 ng	84163	Naphthalene-d8	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	80
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43
4	Heptanoic acid	130	C7H14O2	000111-14-8	38
5	Pentanoic acid	102	C5H10O2	000109-52-4	38





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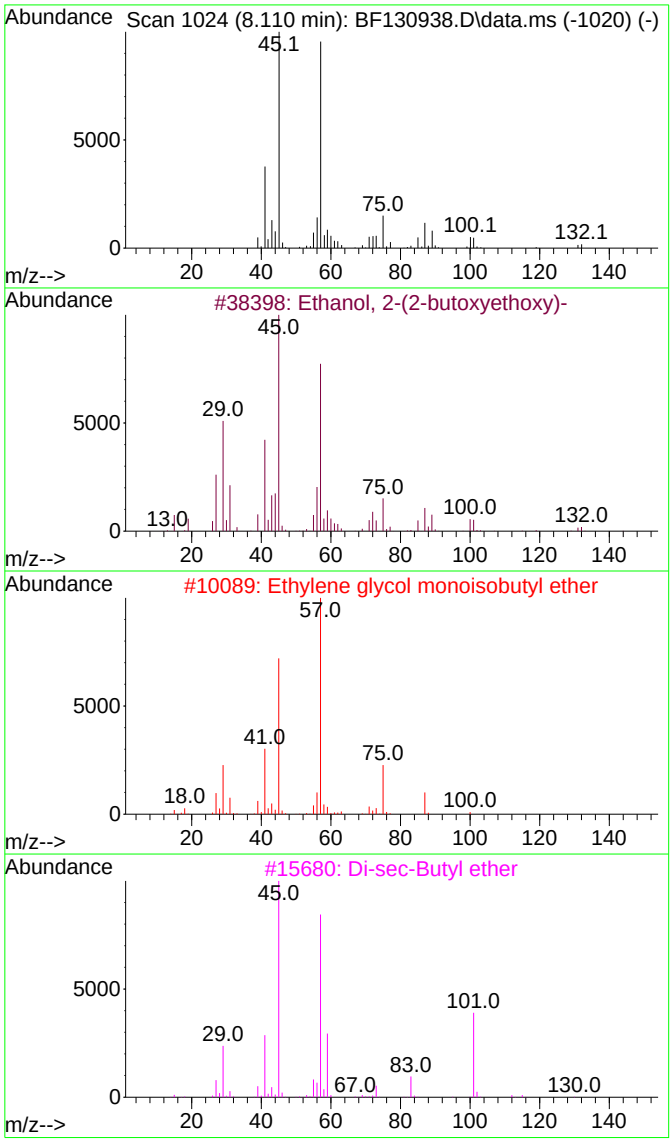
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

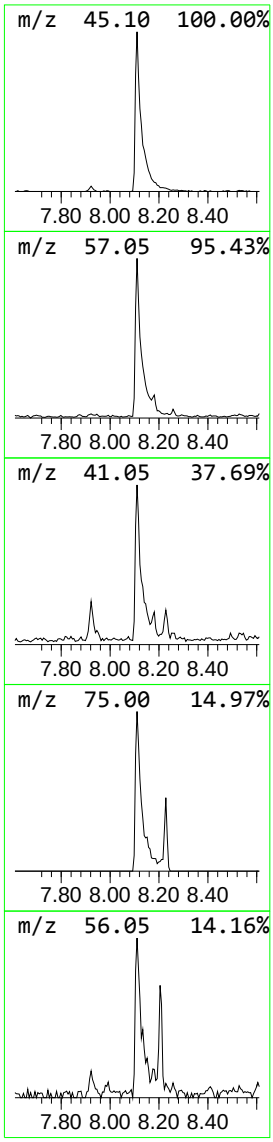
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	10.10 ng	319715	Naphthalene-d8	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-5-103122

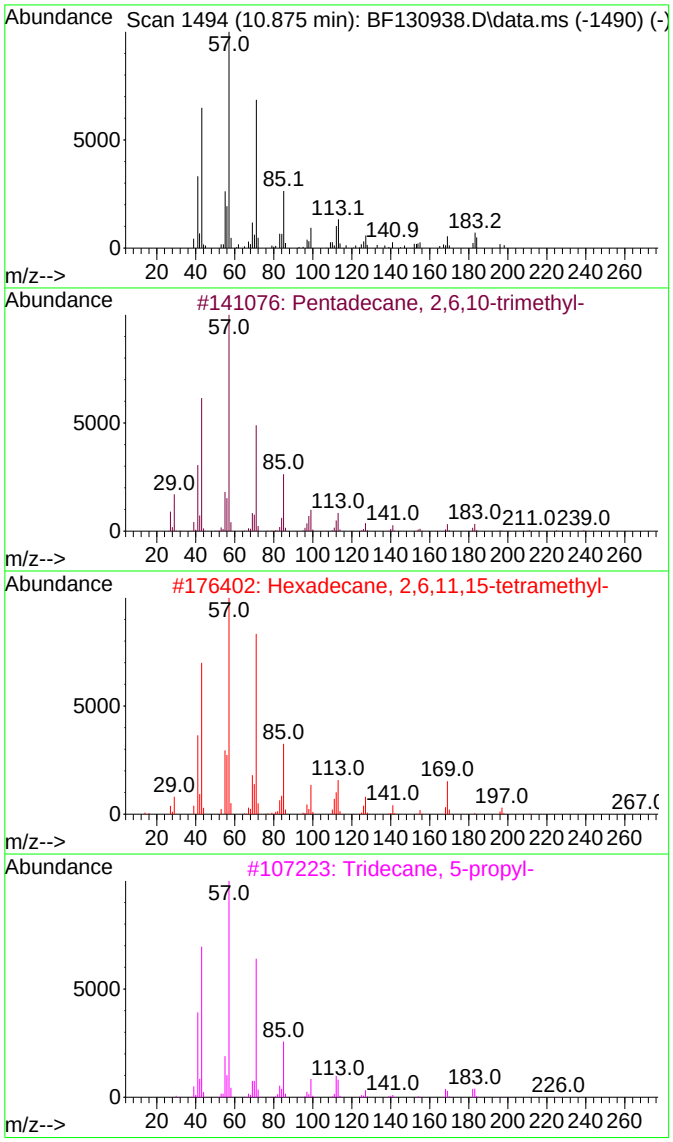
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

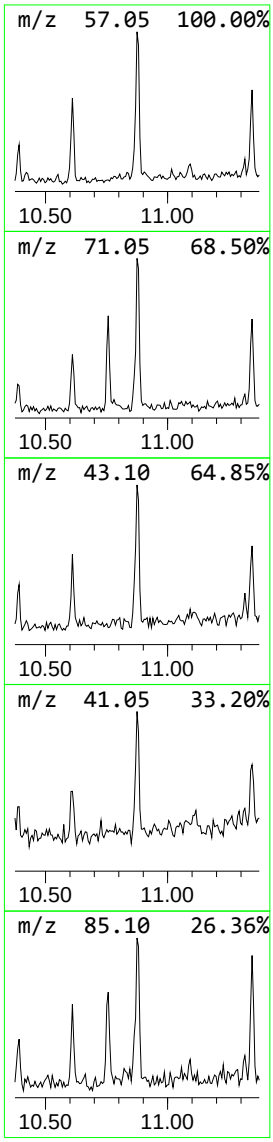
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	2.82 ng	73402	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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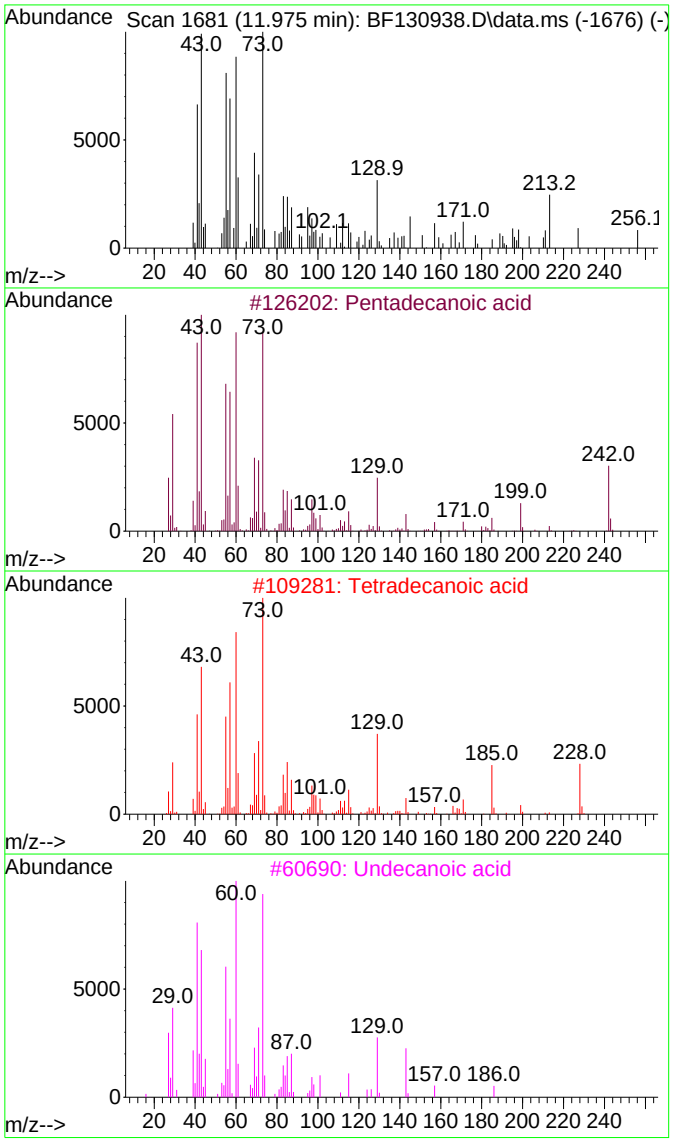
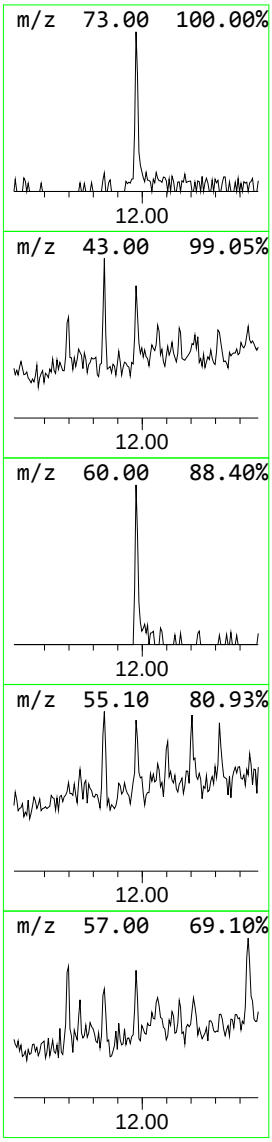
Peak Number 9 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.36 ng	61313	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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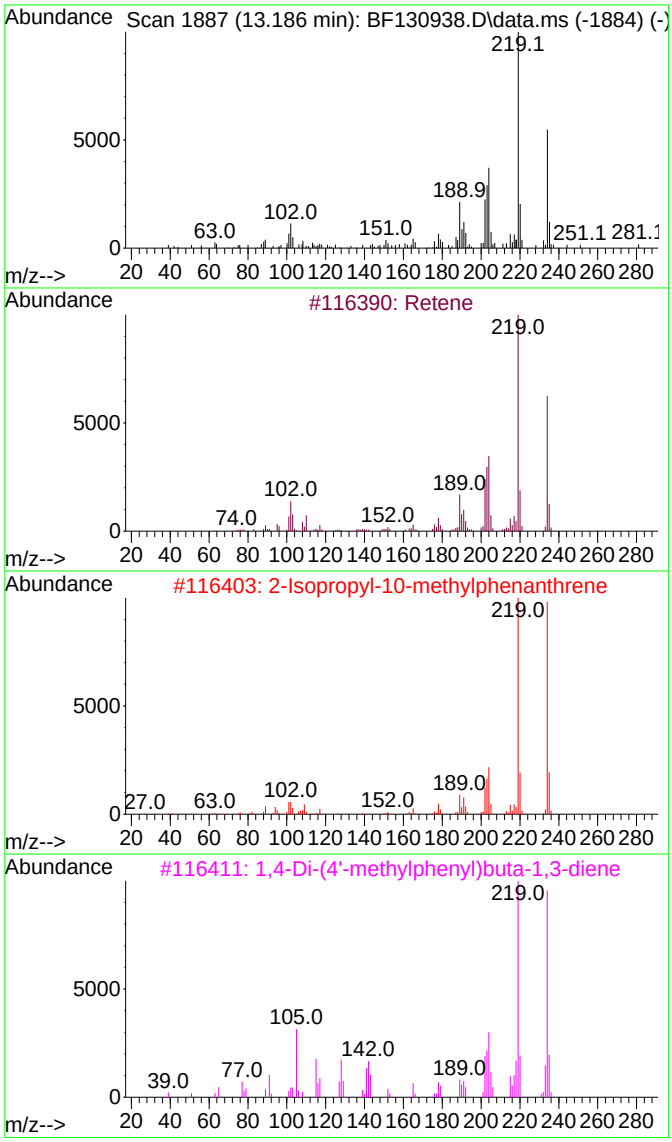
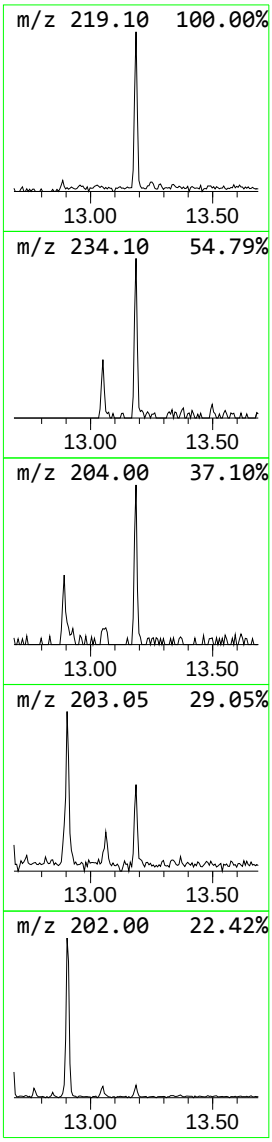
Peak Number 10 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.22 ng	41643	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	86
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	76
5	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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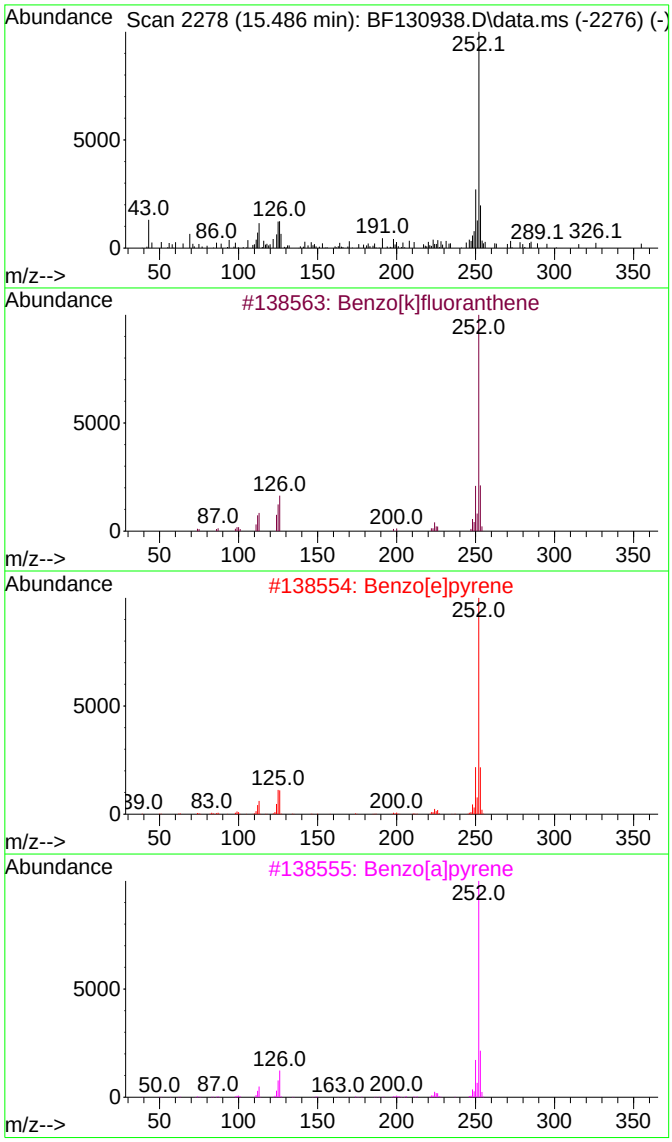
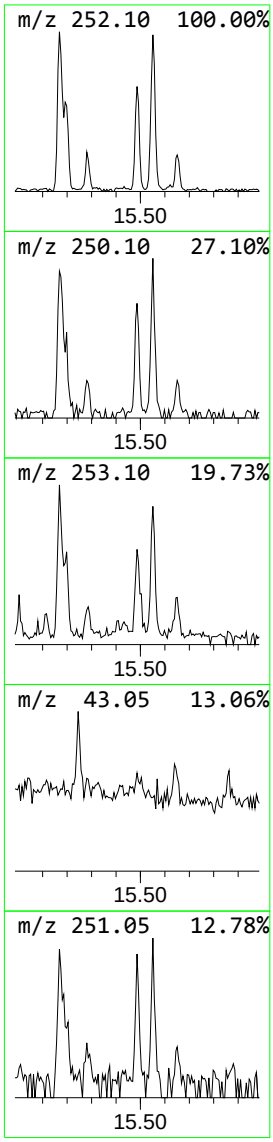
Peak Number 11 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	2.26 ng	46750	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	83
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130938.D
Acq On : 02 Nov 2022 19:26
Operator : CG\JU
Sample : N5395-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.252	30.1	ng	700991	1	6.922	465327	20.0
Propane, 1,1-di...	2.363	2.5	ng	57493	1	6.922	465327	20.0
2-Pentanone, 4-...	5.157	21.1	ng	490200	1	6.922	465327	20.0
Mesitylene	6.745	2.1	ng	49450	1	6.922	465327	20.0
Octanoic acid	7.922	2.7	ng	84163	2	8.210	632870	20.0
Ethanol, 2-(2-b...	8.110	10.1	ng	319715	2	8.210	632870	20.0
Pentadecane, 2,...	10.875	2.8	ng	73402	4	11.457	520274	20.0
Pentadecanoic acid	11.975	2.4	ng	61313	4	11.457	520274	20.0
Retene	13.186	2.2	ng	41643	5	14.110	374895	20.0
Benzo[e]pyrene	15.486	2.3	ng	46750	6	15.621	414154	20.0