LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	208	213	231	rBV	21247	67849	5.99%	0.635%
2	5.057	499	504	511	rVB	59052	83425	7.36%	0.781%
3	5.469	568	574	594	rVB	873643	1133261	100.00%	10.611%
4	6.475	740	745	763	rVB	839546	1113089	98.22%	10.423%
5	6.675	775	779	791	rBV	14079	24337	2.15%	0.228%
6	6.846	803	808	813	rVB	277011	350492	30.93%	3.282%
7	7.404	897	903	908	rBV	584613	731726	64.57%	6.852%
8	7.657	941	946	951	rBV	20633	26173	2.31%	0.245%
9	8.122	1020	1025	1032	rVB	342917	425344	37.53%	3.983%
10	8.434	1069	1078	1092	rBV	46071	74816	6.60%	0.701%
11	9.198	1202	1208	1213	rBV	860859	1075628	94.91%	10.072%
12	9.875	1318	1323	1328	rBV	330201	402943	35.56%	3.773%
13	9.969	1334	1339	1347	rVB2	23626	36487	3.22%	0.342%
14	10.663	1452	1457	1472	rBV	416927	548322	48.38%	5.134%
15	10.786	1472	1478	1483	rVB5	8213	15863	1.40%	0.149%
16	11.104	1528	1532	1539	rVB6	5887	11681	1.03%	0.109%
17	11.363	1571	1576	1584	rBV2	301667	480142	42.37%	4.496%
18	11.439	1584	1589	1592	rVV	16962	20626	1.82%	0.193%
19	11.598	1611	1616	1622	rBV2	6706	12988	1.15%	0.122%
20	11.863	1657	1661	1662	rBV	15412	16515	1.46%	0.155%
21	11.892	1662	1666	1671	rVB	43141	62974	5.56%	0.590%
22	11.975	1677	1680	1689	rVB2	25696	46973	4.14%	0.440%
23	12.157	1708	1711	1713	rBV	11761	13666	1.21%	0.128%
24	12.186	1713	1716	1721	rVB2	14651	18642	1.64%	0.175%
25	12.410	1750	1754	1757	rBV	14962	21676	1.91%	0.203%
26	12.445	1757	1760	1766	rVV6	12553	23907	2.11%	0.224%
27	12.498	1766	1769	1775	rVB	15517	21031	1.86%	0.197%
28	12.575	1777	1782	1787	rBV	202622	253144	22.34%	2.370%
29	12.804	1811	1821	1826	rBV	181032	278566	24.58%	2.608%
30	12.945	1838	1845	1852	rVB	807841	1042201	91.96%	9.759%
31	13.022	1853	1858	1863	rBV3	19736	38848	3.43%	0.364%
32	13.128	1869	1876	1880	rVB2	25106	52274	4.61%	0.489%
33	13.198	1880	1888	1891	rBV3	16032	31803	2.81%	0.298%
34	13.233	1891	1894	1902	rVB2	26375	42194	3.72%	0.395%
35	13.327	1907	1910	1913	rBV2	10655	13185	1.16%	0.123%
36	13.363	1913	1916	1920	rBV3	11869	18970	1.67%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.427	1922	1927	1936	rVB	68764	140325	12.38%	1.314%
38	13.504	1936	1940	1944	rBV2	22691	33438	2.95%	0.313%
39	13.639	1960	1963	1968	rVB	25525	33125	2.92%	0.310%
40	13.751	1978	1982	1985	rBV2	23569	37435	3.30%	0.351%
41	13.857	1995	2000	2008	rVB4	50314	107504	9.49%	1.007%
42	14.004	2018	2025	2036	rBV2	352330	669341	59.06%	6.267%
43	14.110	2040	2043	2049	rBV3	20638	36549	3.23%	0.342%
44	14.751	2148	2152	2159	rBV	107919	169455	14.95%	1.587%
45	15.039	2197	2201	2209	rBV	95244	197734	17.45%	1.852%
46	15.339	2249	2252	2258	rVB	46094	68033	6.00%	0.637%
47	15.404	2259	2263	2268	rVV	67788	107648	9.50%	1.008%
48	15.469	2269	2274	2292	rVB	214430	393491	34.72%	3.684%
49	16.927	2517	2522	2530	rVB2	27617	53801	4.75%	0.504%

Sum of corrected areas: 10679640

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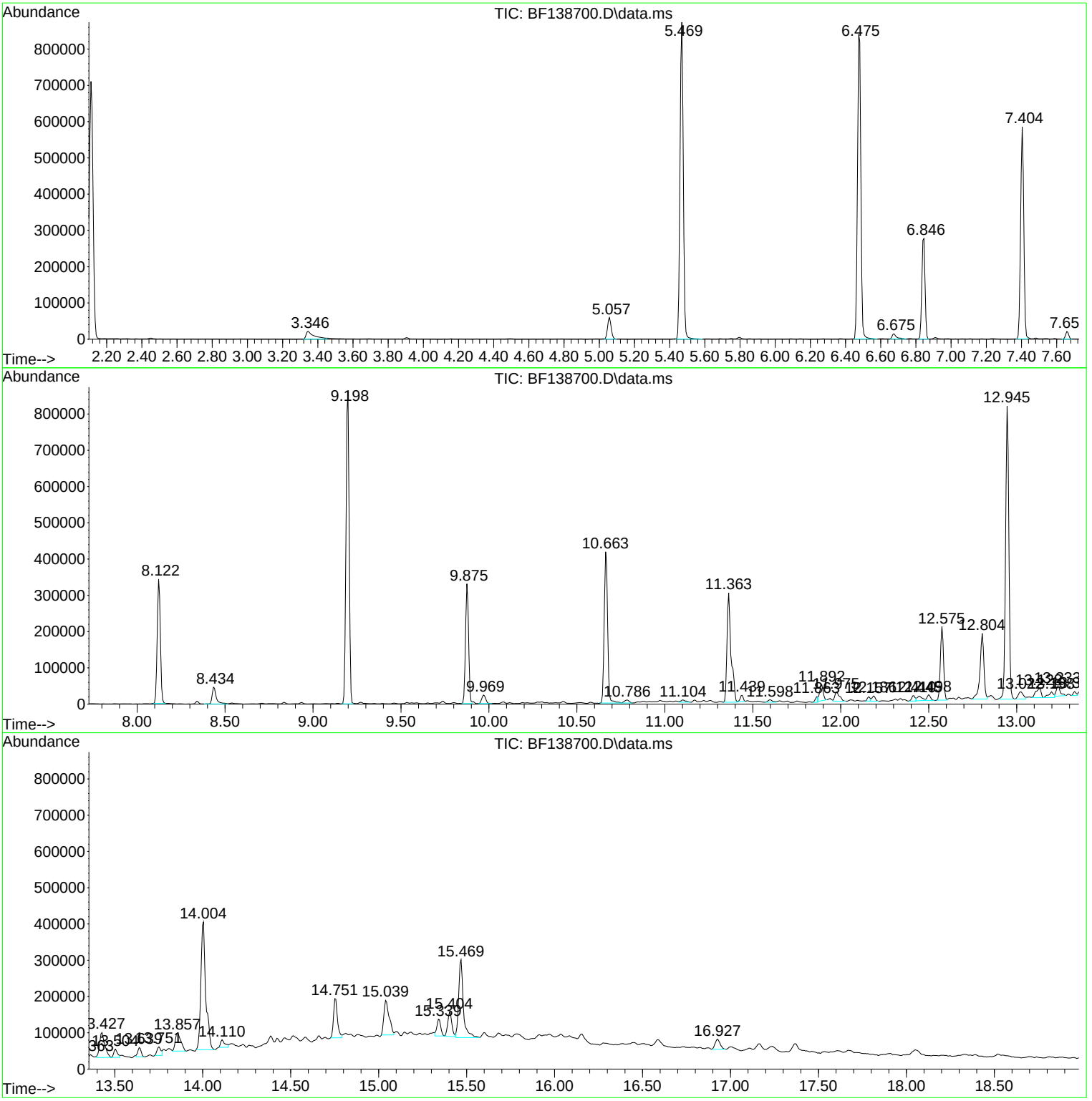
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

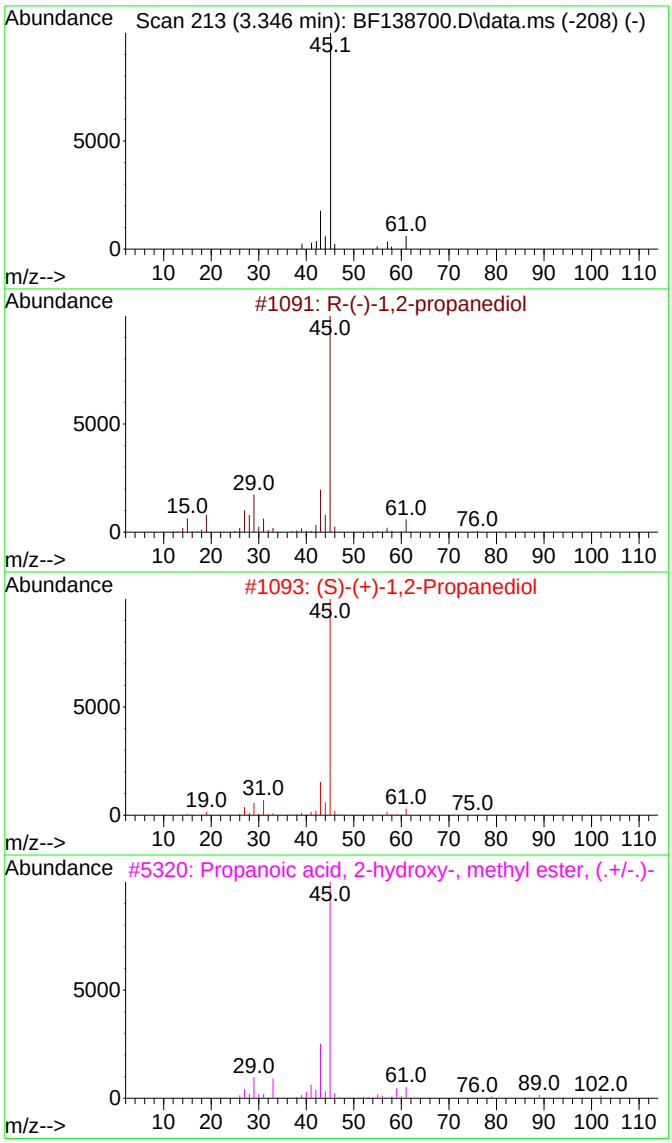
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

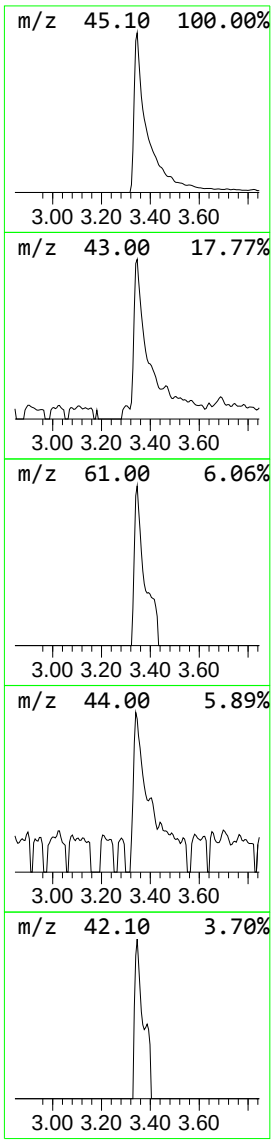
****

Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.346	3.87 ng	67849	1,4-Dichlorobenzene-d4	6.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

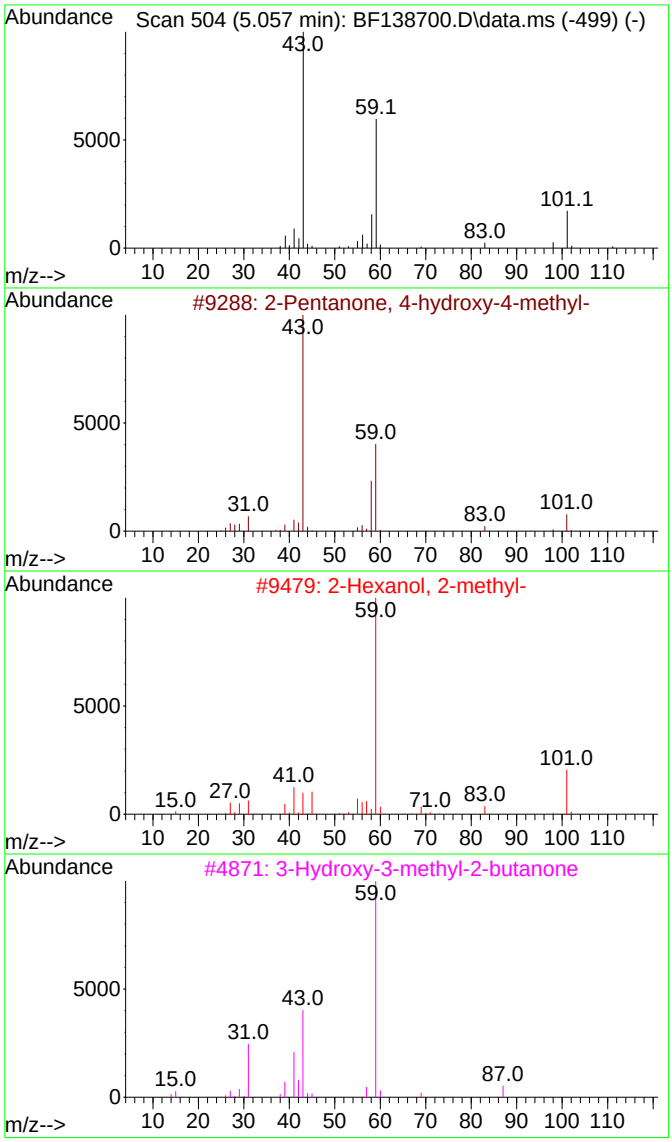
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

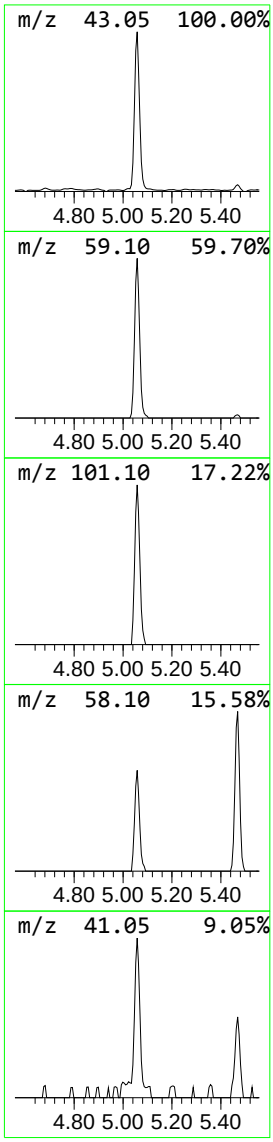
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	4.76 ng	83425	1,4-Dichlorobenzene-d4	6.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

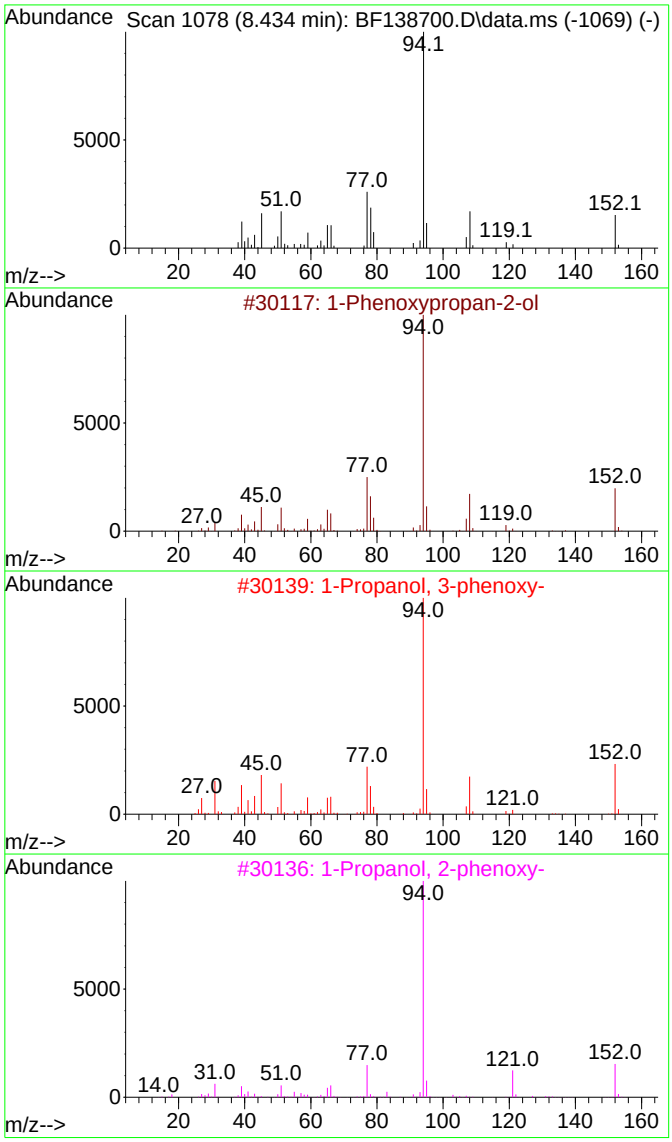
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

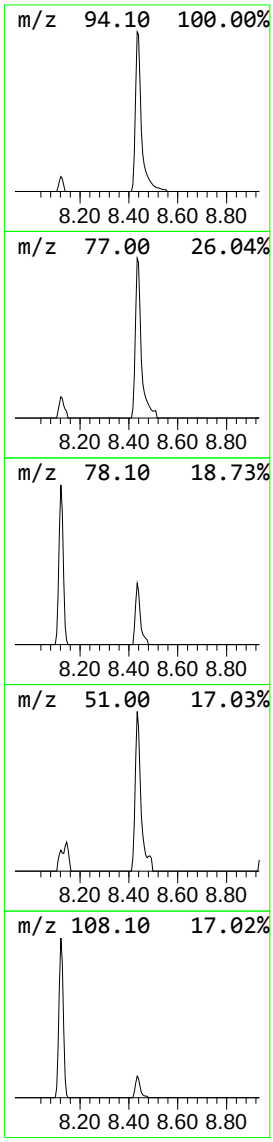
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	3.52 ng	74816	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53
5	2-Hexen-4-yne, 2-methyl-	94	C7H10	058275-93-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
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Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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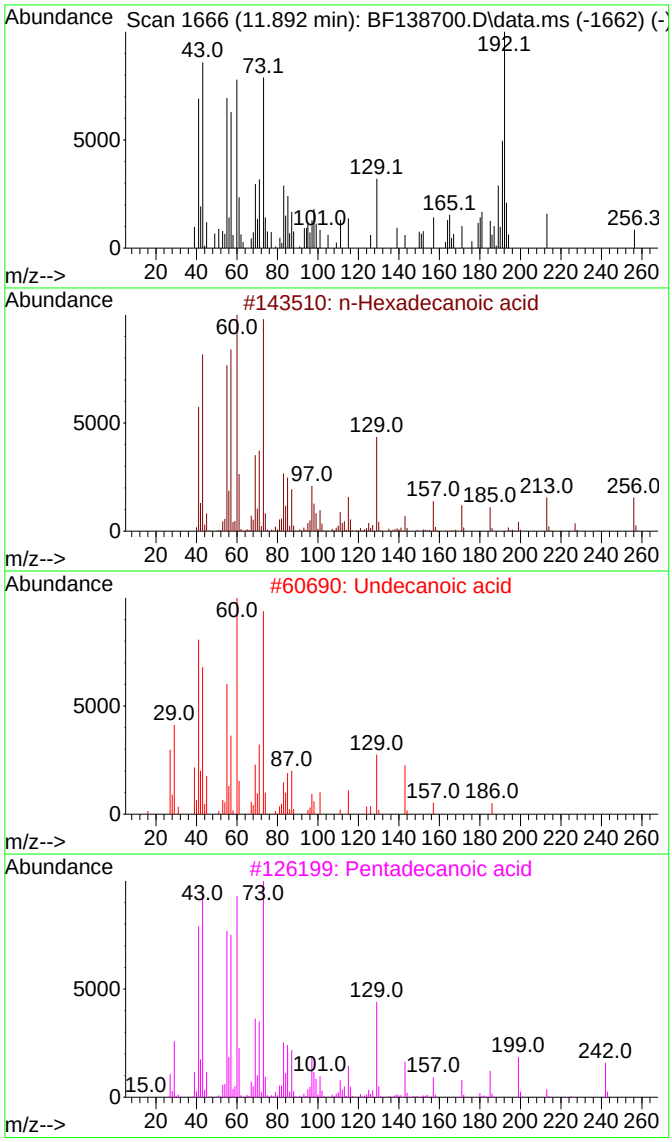
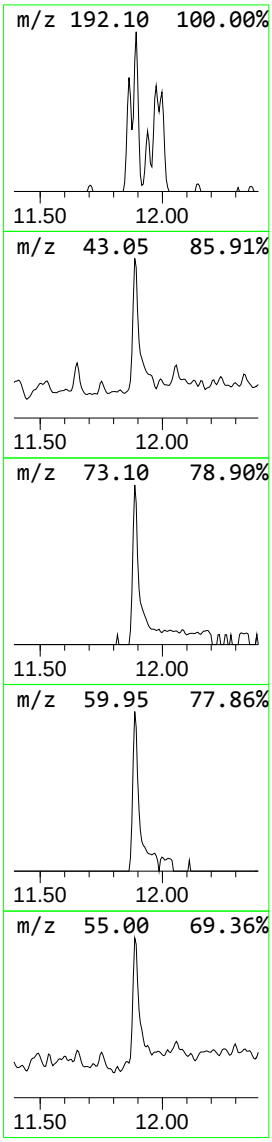
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.62 ng	62974	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Undecanoic acid	186	C11H22O2	000112-37-8	56
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	41
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

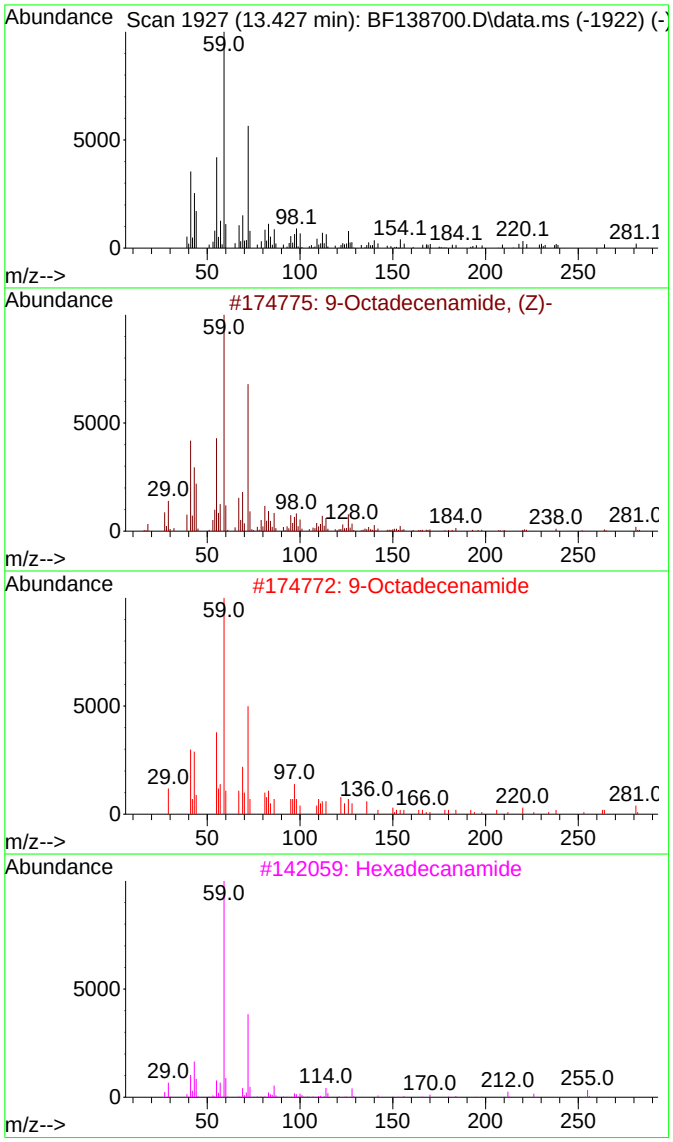
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

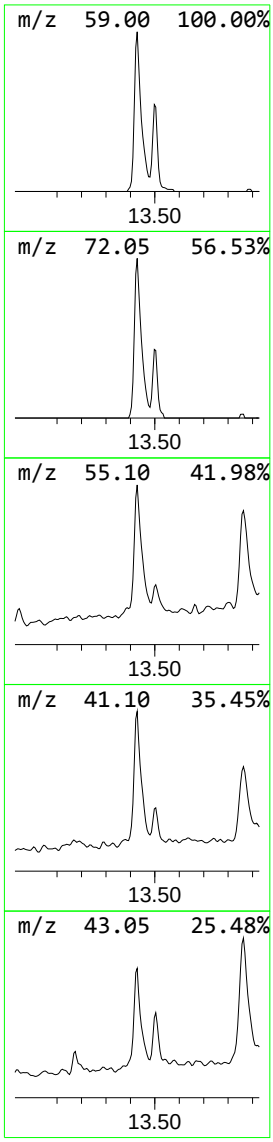
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.428	4.19 ng	140325	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide	281	C18H35NO	003322-62-1	87
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
5	Dodecanamide	199	C12H25NO	001120-16-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

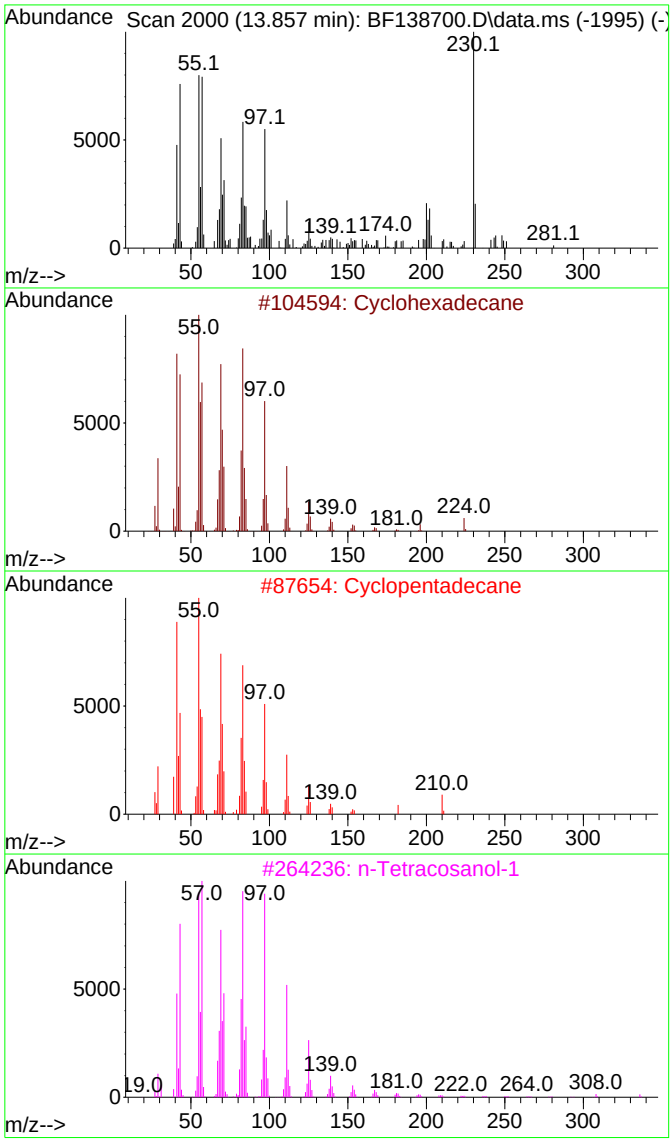
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

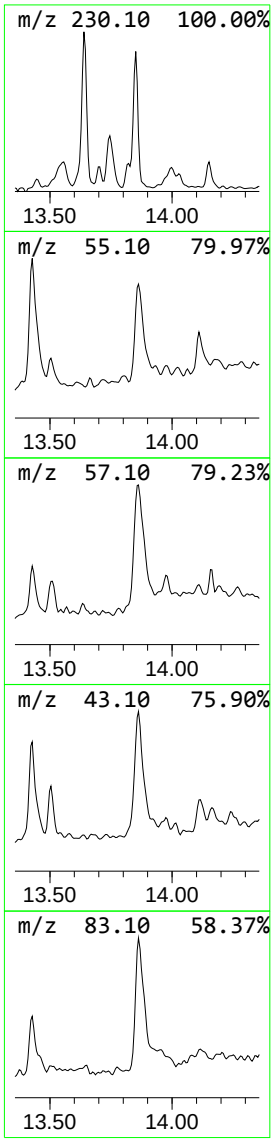
****

Peak Number 6 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	3.21 ng	107504	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	74
2	Cyclopentadecane	210	C15H30	000295-48-7	70
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
4	1-Hexacosene	364	C26H52	018835-33-1	50
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	50





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Acq On : 31 Jul 2024 13:59
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Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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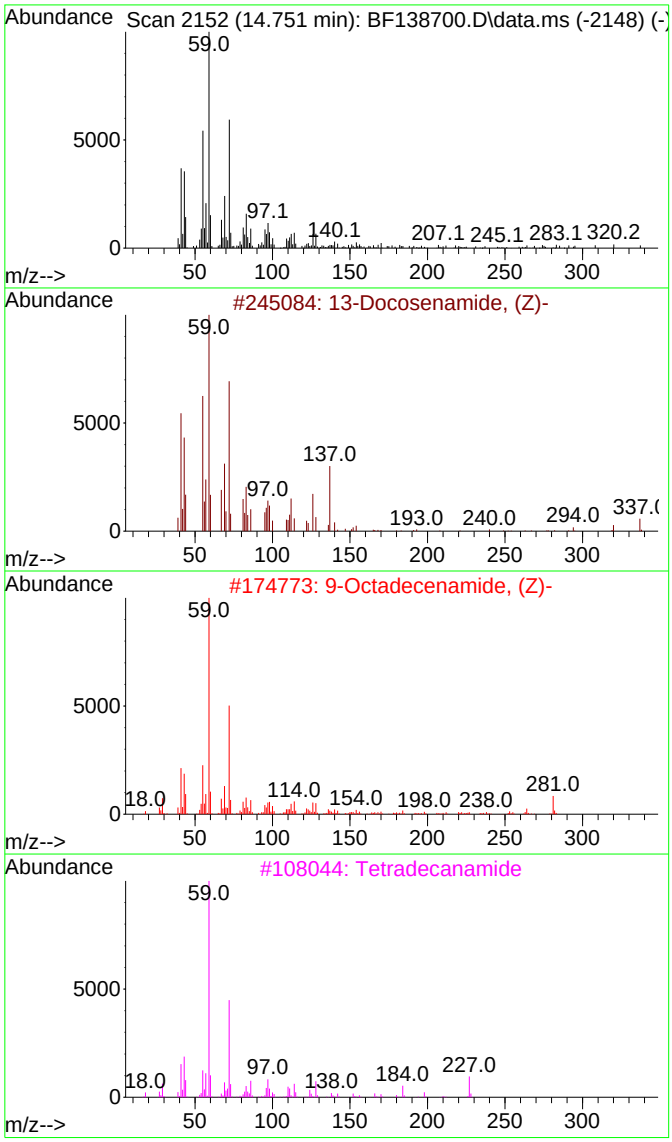
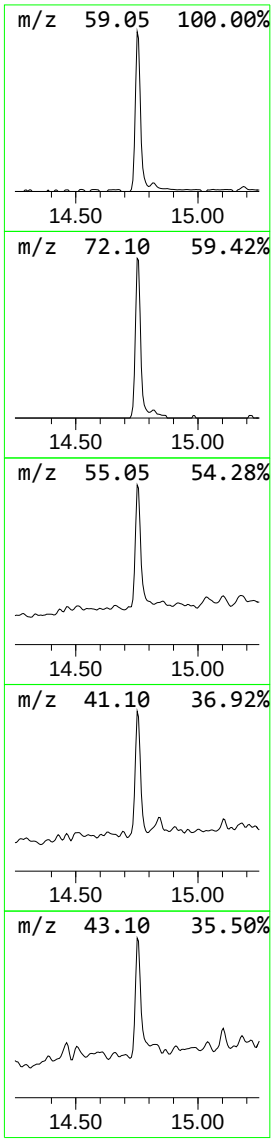
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	8.61 ng	169455	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Octanamide	143	C8H17NO	000629-01-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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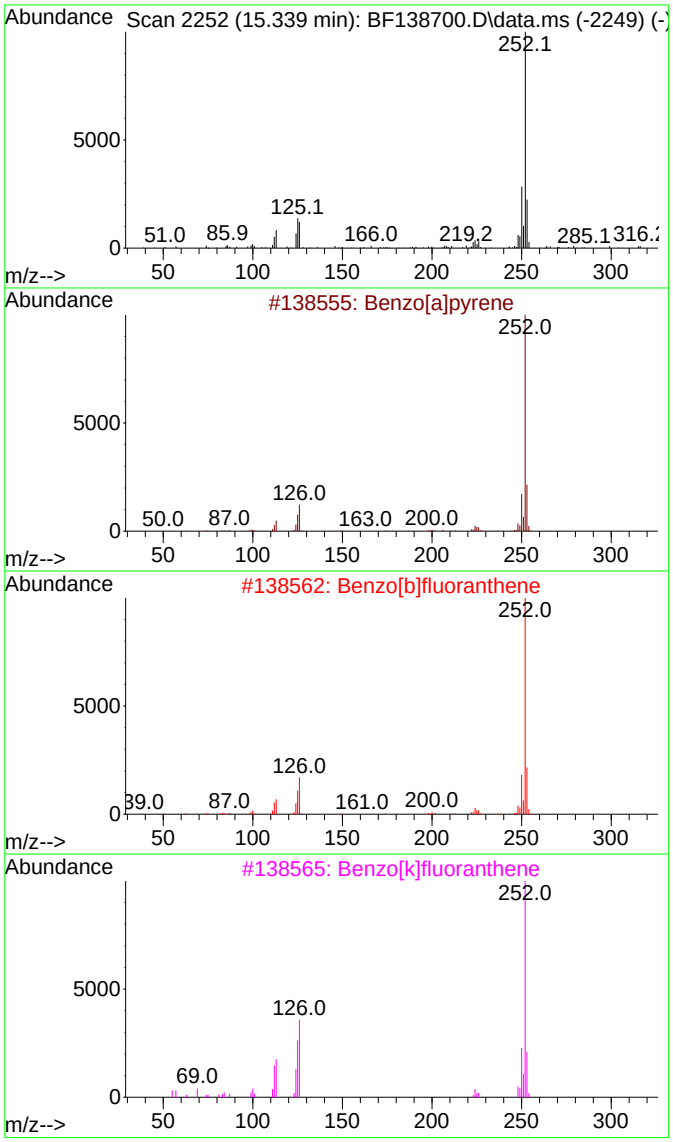
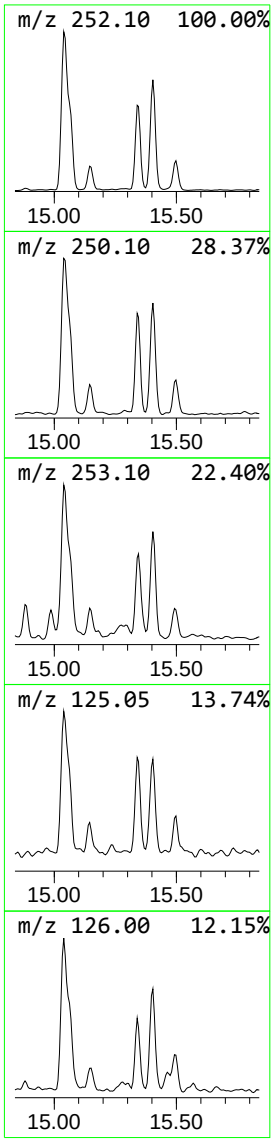
Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	3.46 ng	68033	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
Acq On : 31 Jul 2024 13:59
Operator : RC/JU
Sample : P3376-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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
R-(-)-1,2-propa...	3.346	3.9	ng	67849	1	6.846	350492	20.0
2-Pentanone, 4-...	5.057	4.8	ng	83425	1	6.846	350492	20.0
1-Phenoxypropan...	8.434	3.5	ng	74816	2	8.122	425344	20.0
n-Hexadecanoic ...	11.892	2.6	ng	62974	4	11.363	480142	20.0
9-Octadecenamid...	13.428	4.2	ng	140325	5	14.004	669341	20.0
Cyclohexadecane	13.857	3.2	ng	107504	5	14.004	669341	20.0
13-Docosenamide...	14.751	8.6	ng	169455	6	15.469	393491	20.0
Benzo[e]pyrene	15.339	3.5	ng	68033	6	15.469	393491	20.0