LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	6	11	18	rVB	259782	319846	2.05%	0.532%
2	5.098	508	512	520	rBV	237322	244495	1.57%	0.407%
3	5.504	577	581	589	rVB	916403	771495	4.94%	1.284%
4	6.516	749	753	764	rBV	835709	744481	4.77%	1.239%
5	6.892	813	817	820	rBV	691704	571628	3.66%	0.951%
6	7.451	908	912	915	rBV	581903	458718	2.94%	0.764%
7	8.175	1032	1035	1038	rBV	816956	651717	4.18%	1.085%
8	9.251	1214	1218	1221	rBV	953967	793744	5.09%	1.321%
9	9.933	1328	1334	1337	rBV	825723	684066	4.38%	1.139%
10	10.357	1398	1406	1408	rBV2	133605	158167	1.01%	0.263%
11	10.722	1465	1468	1472	rVB	536483	450627	2.89%	0.750%
12	10.827	1483	1486	1495	rVB3	139541	221664	1.42%	0.369%
13	11.322	1565	1570	1574	rVB2	124195	162340	1.04%	0.270%
14	11.427	1584	1588	1590	rBV	760682	682132	4.37%	1.135%
15	11.451	1590	1592	1595	rVV	1522095	1212614	7.77%	2.018%
16	11.504	1597	1601	1603	rVB	343147	281062	1.80%	0.468%
17	11.816	1649	1654	1657	rBV	4689879	4201394	26.92%	6.993%
18	11.927	1669	1673	1675	rBV	307737	272049	1.74%	0.453%
19	11.963	1675	1679	1683	rVB2	571378	669605	4.29%	1.115%
20	12.039	1689	1692	1695	rBV2	431347	503712	3.23%	0.838%
21	12.116	1701	1705	1707	rBV2	192360	191683	1.23%	0.319%
22	12.221	1720	1723	1726	rVV2	212346	205682	1.32%	0.342%
23	12.251	1726	1728	1734	rVB2	216631	215872	1.38%	0.359%
24	12.527	1767	1775	1776	rBV	8612329	15608674	100.00%	25.981%
25	12.545	1776	1778	1783	rVB2	8583826	9543560	61.14%	15.885%
26	12.610	1786	1789	1792	rVB	3255051	2804481	17.97%	4.668%
27	12.651	1792	1796	1800	rBV	2445405	2899810	18.58%	4.827%
28	12.886	1830	1836	1841	rVB	2068716	2275079	14.58%	3.787%
29	13.016	1852	1858	1861	rBV2	788973	858568	5.50%	1.429%
30	13.098	1868	1872	1876	rBV3	181644	301600	1.93%	0.502%
31	13.210	1888	1891	1893	rVB	430305	423672	2.71%	0.705%
32	13.257	1897	1899	1900	rVV	262292	220827	1.41%	0.368%
33	13.274	1900	1902	1905	rVV	355118	315387	2.02%	0.525%
34	13.310	1905	1908	1910	rVV2	294796	323874	2.07%	0.539%
35	13.333	1910	1912	1915	rVV	423676	364328	2.33%	0.606%
36	13.374	1915	1919	1922	rVV4	205562	326854	2.09%	0.544%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.404	1922	1924	1927	rVV	251552	359148	2.30%	0.598%
38	13.433	1927	1929	1935	rVV2	265971	457166	2.93%	0.761%
39	13.498	1937	1940	1947	rVB5	165517	265094	1.70%	0.441%
40	13.715	1974	1977	1981	rVB	192909	197912	1.27%	0.329%
41	13.768	1981	1986	1989	rBV4	184011	271404	1.74%	0.452%
42	13.827	1993	1996	1998	rVV2	194568	193521	1.24%	0.322%
43	13.851	1998	2000	2003	rVV	181988	162927	1.04%	0.271%
44	14.004	2023	2026	2030	rVB2	375990	344340	2.21%	0.573%
45	14.074	2031	2038	2041	rBV2	1292540	2009857	12.88%	3.345%
46	14.104	2041	2043	2048	rVB	1006728	964008	6.18%	1.605%
47	14.180	2054	2056	2059	rVB2	176116	168198	1.08%	0.280%
48	14.221	2061	2063	2070	rBV4	116987	164155	1.05%	0.273%
49	14.462	2101	2104	2107	rVB	248267	224319	1.44%	0.373%
50	15.139	2214	2219	2221	rBV	621538	936663	6.00%	1.559%
51	15.445	2267	2271	2277	rVB	366897	491015	3.15%	0.817%
52	15.509	2278	2282	2288	rBV	572125	782974	5.02%	1.303%
53	15.574	2289	2293	2296	rBV	363665	429189	2.75%	0.714%
54	17.086	2545	2550	2557	rVB2	213053	408740	2.62%	0.680%
55	17.551	2625	2629	2643	rVB	161623	311470	2.00%	0.518%

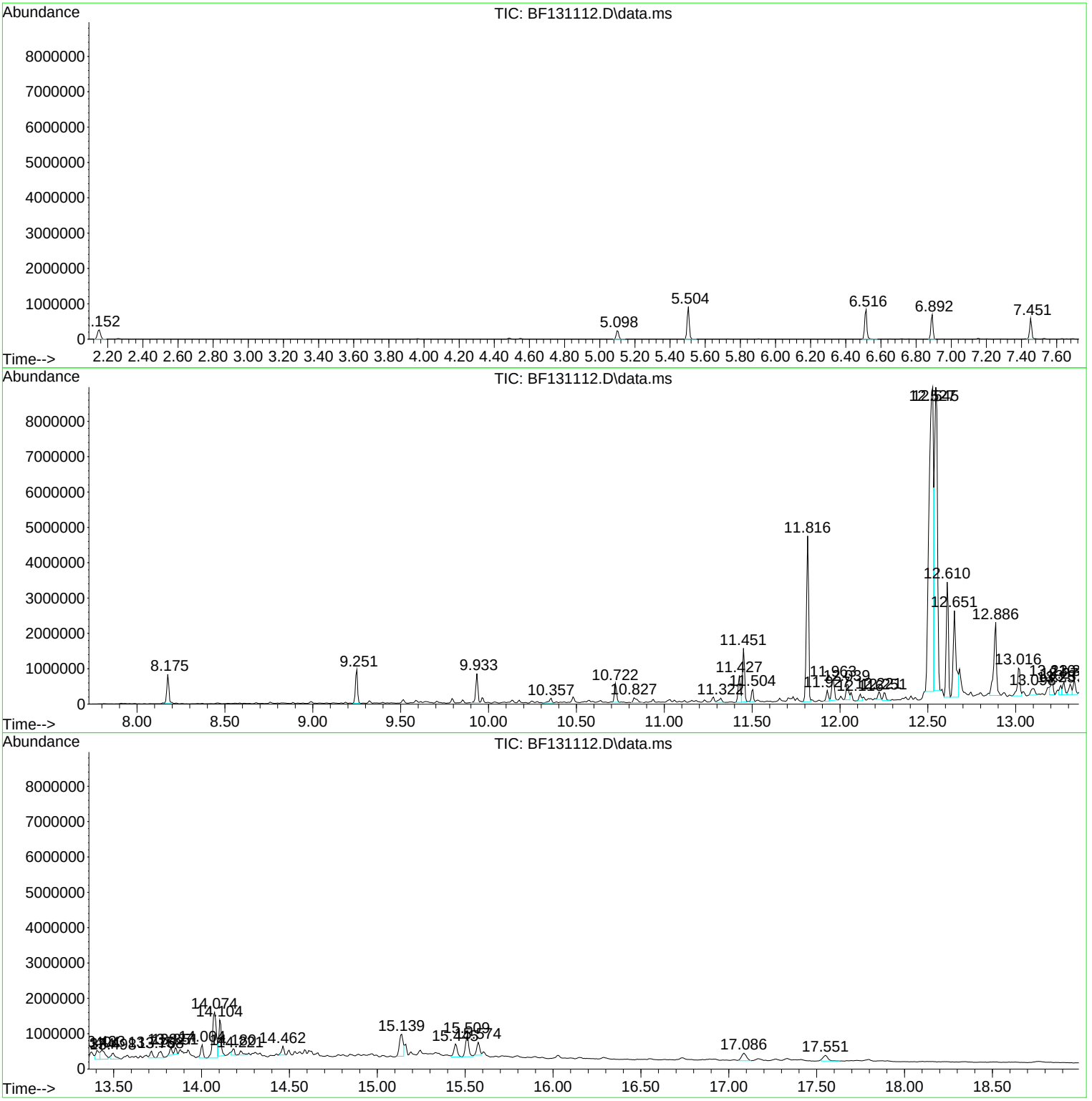
Sum of corrected areas: 60077607

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

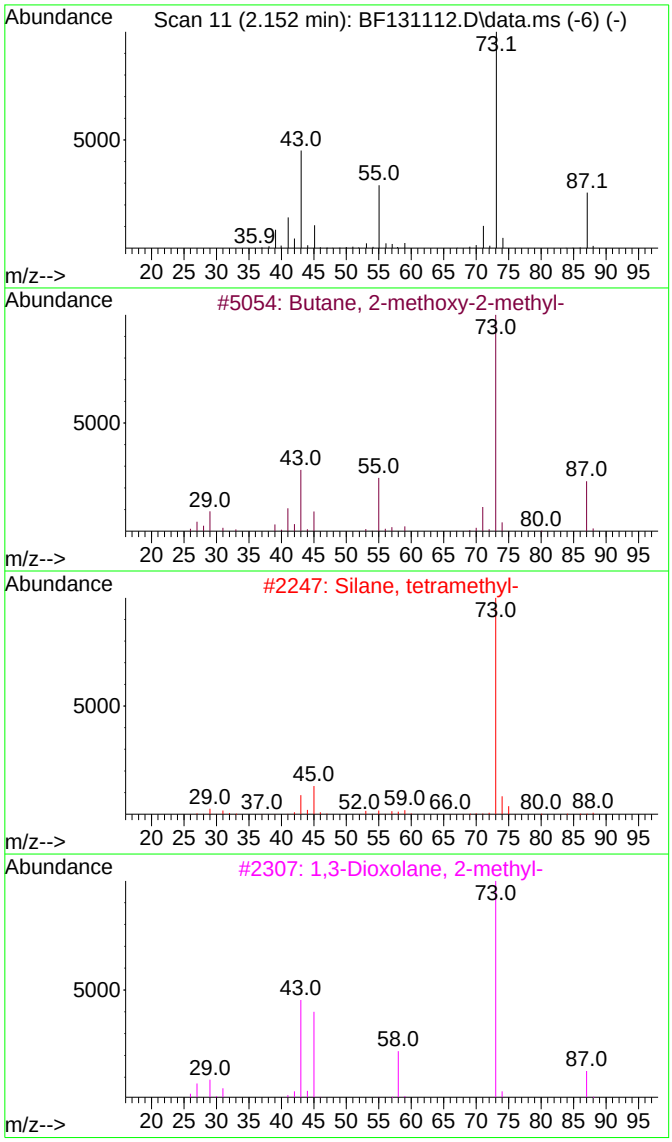
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

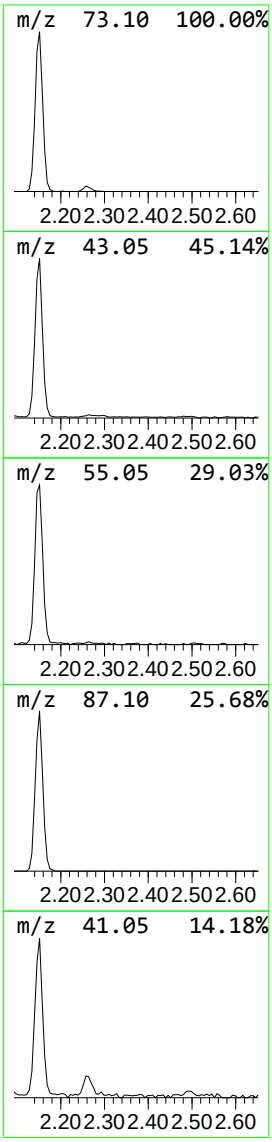
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	11.19 ng	319846	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

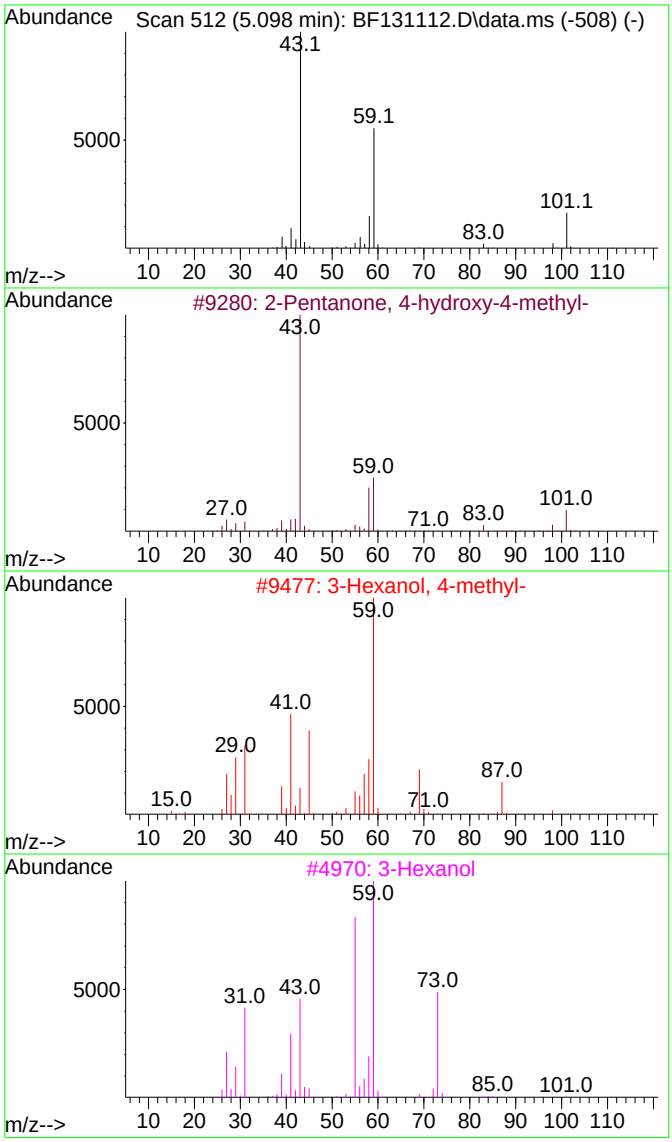
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

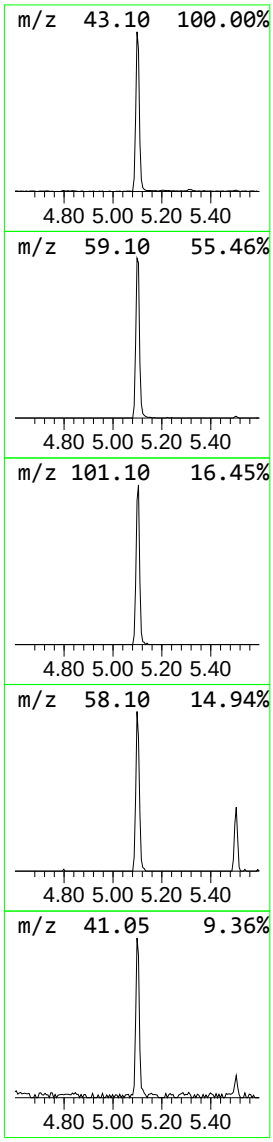
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	8.55 ng	244495	1,4-Dichlorobenzene-d4	6.892

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	3-Hexanol	102	C6H14O	000623-37-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

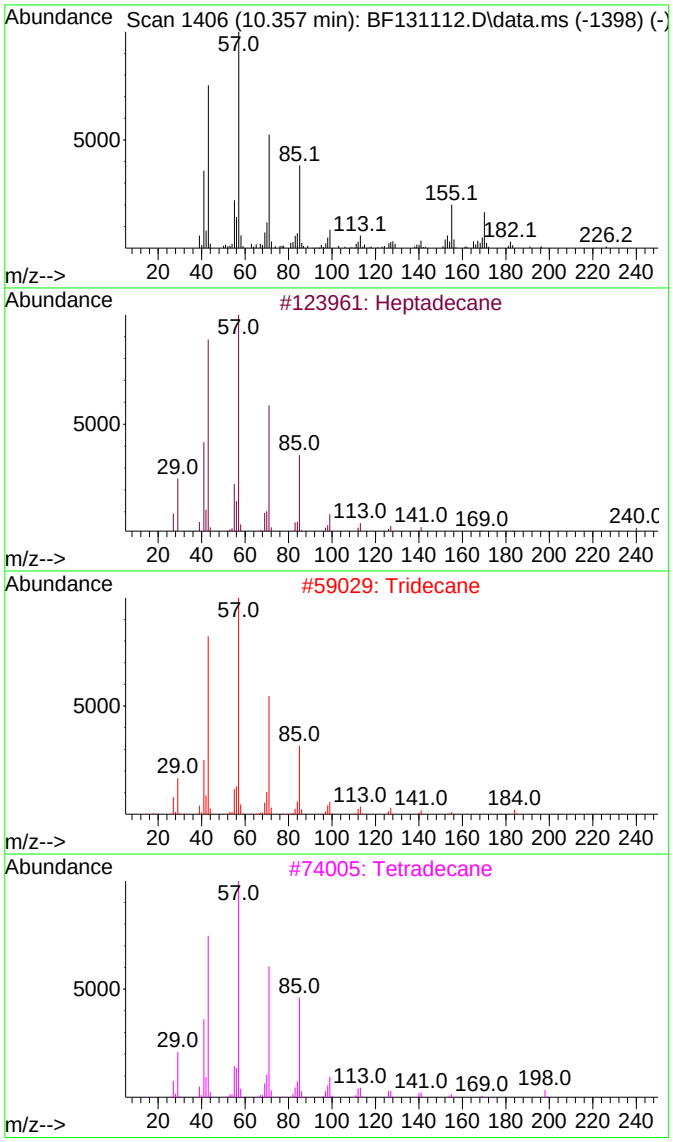
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

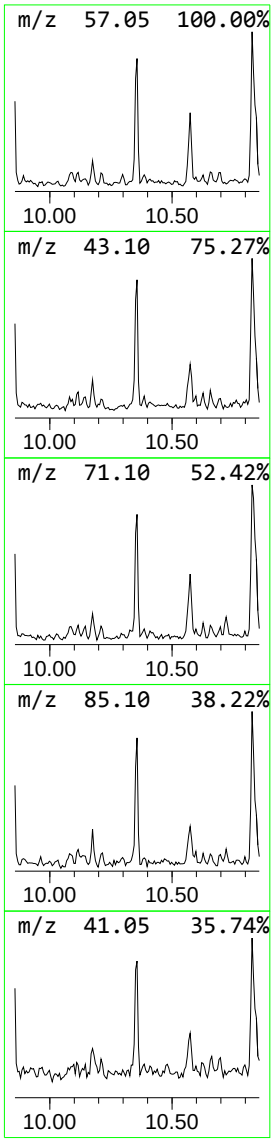
****

Peak Number 3 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	4.62 ng	158167	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	Tridecane	184	C13H28	000629-50-5	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5	Undecane	156	C11H24	001120-21-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

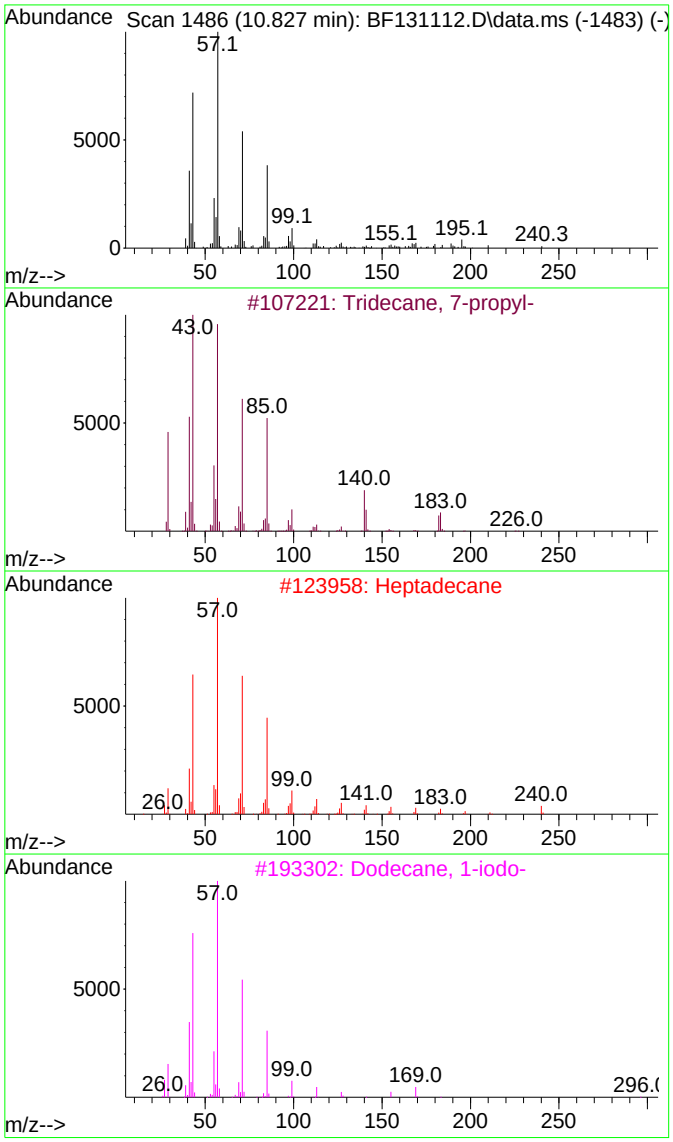
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

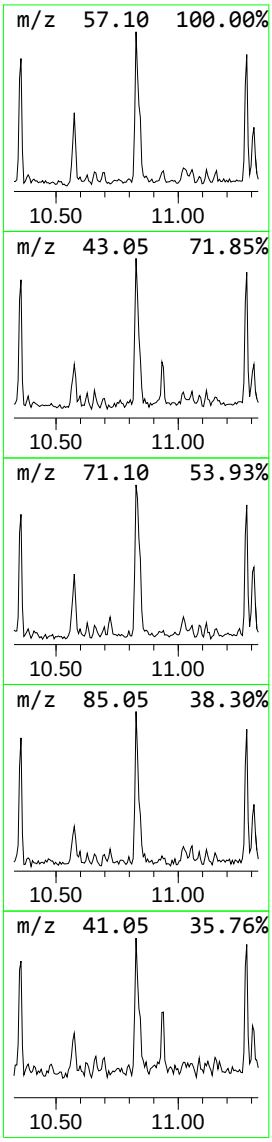
****

Peak Number 4 Tridecane, 7-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.827	6.50 ng	221664	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
2	Heptadecane	240	C17H36	000629-78-7	81
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tetracosane	338	C24H50	000646-31-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

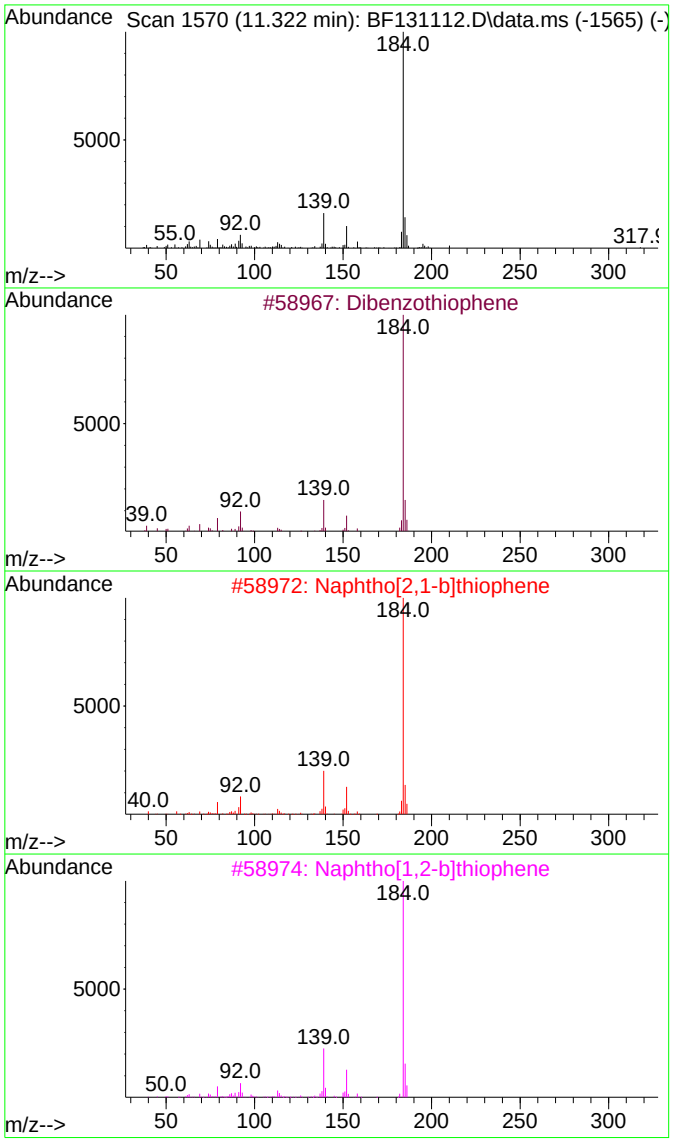
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

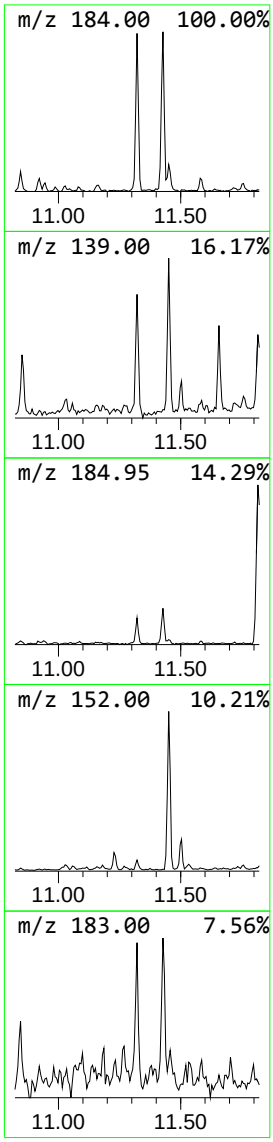
****

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	4.76 ng	162340	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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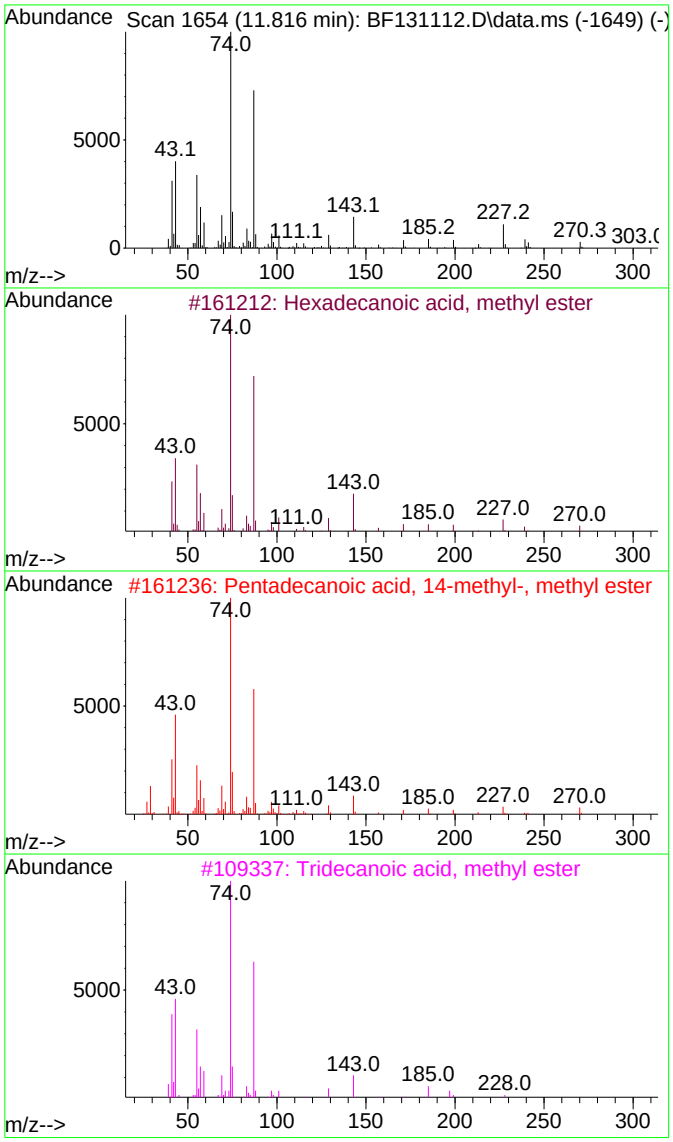
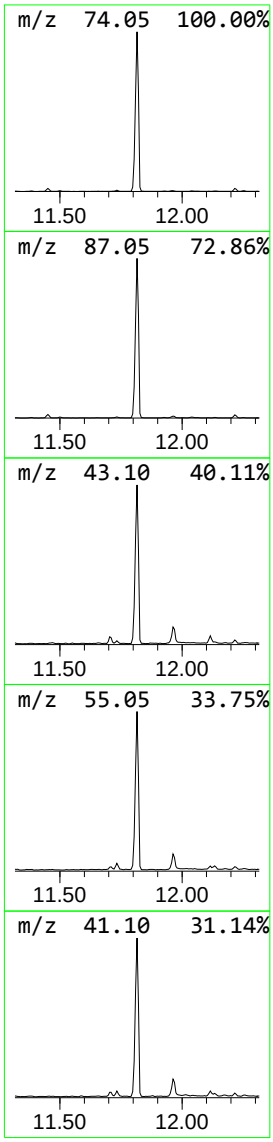
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	123.18 ng	4201390	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	98
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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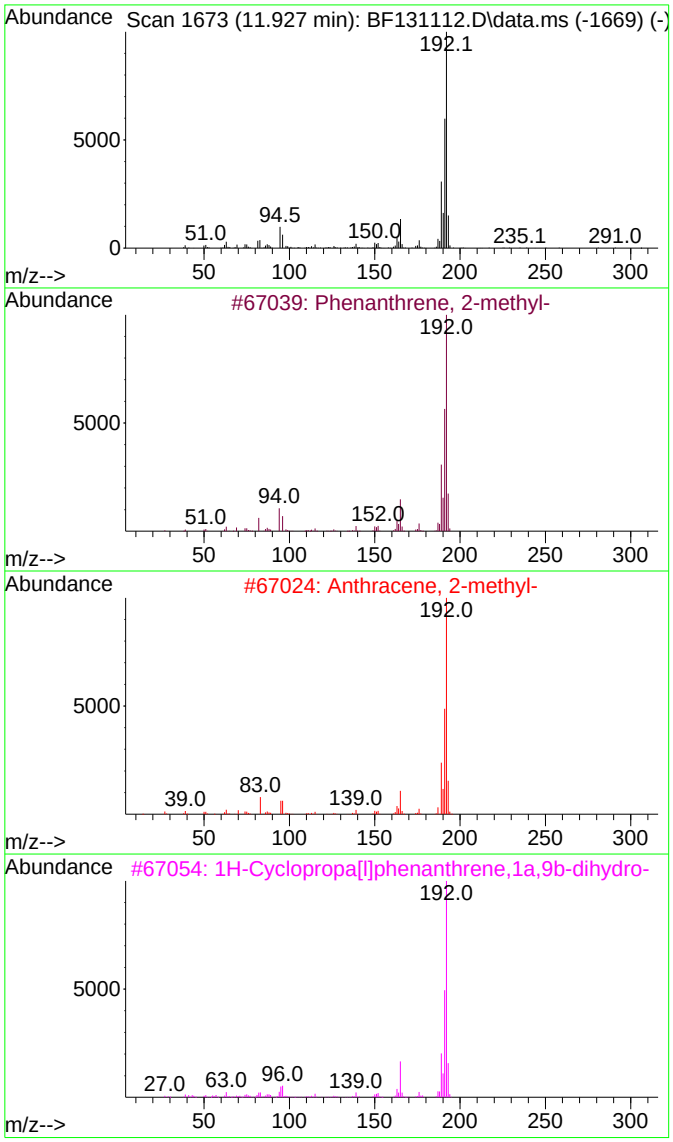
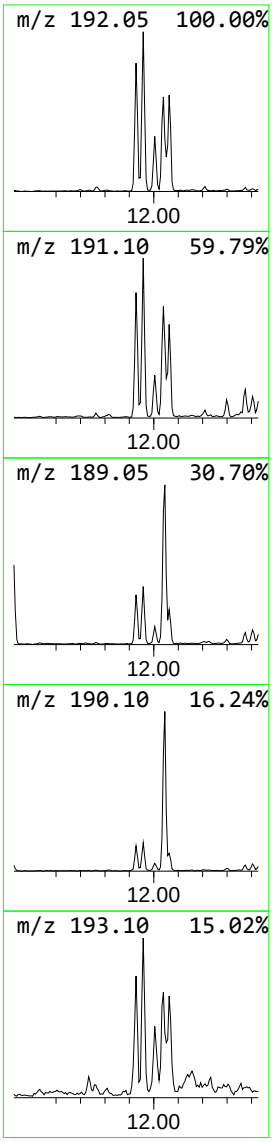
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	7.98 ng	272049	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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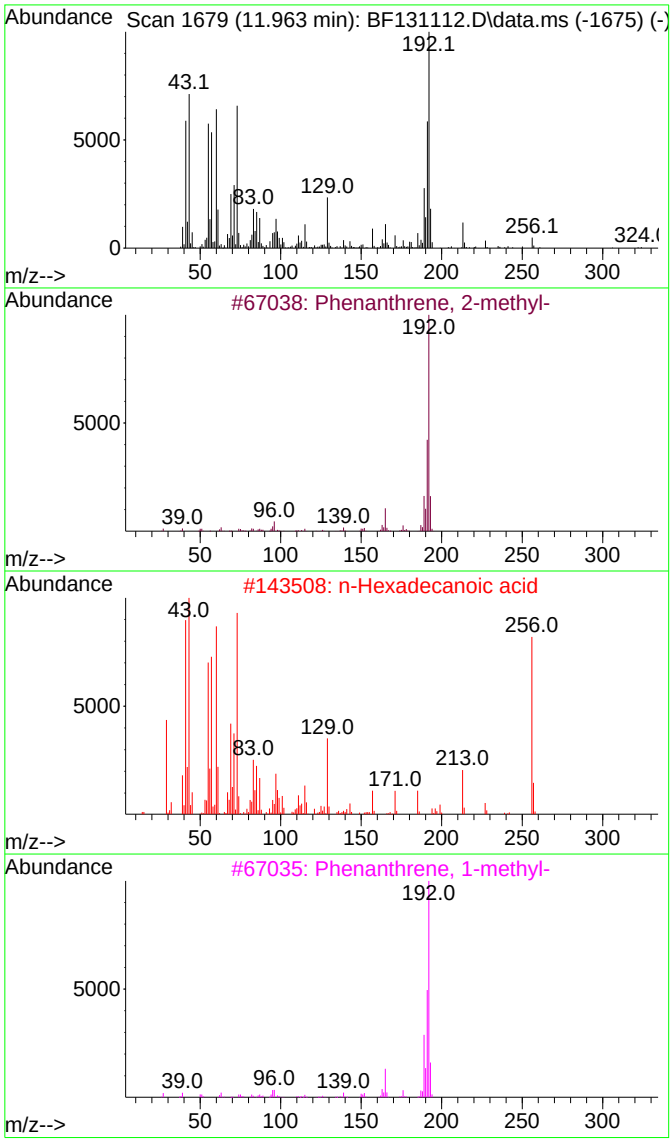
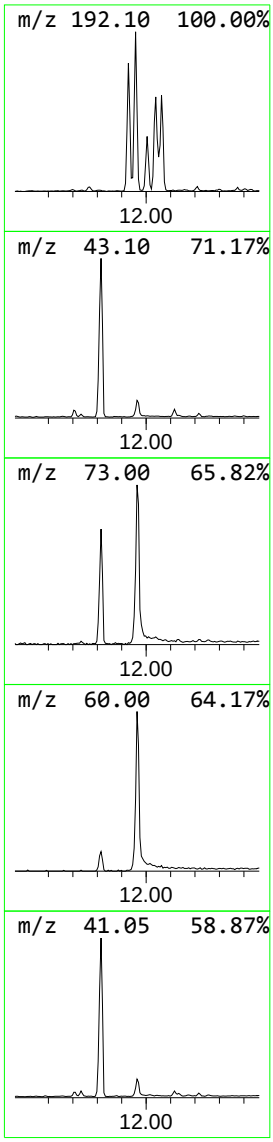
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	19.63 ng	669605	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





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Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-2-110722

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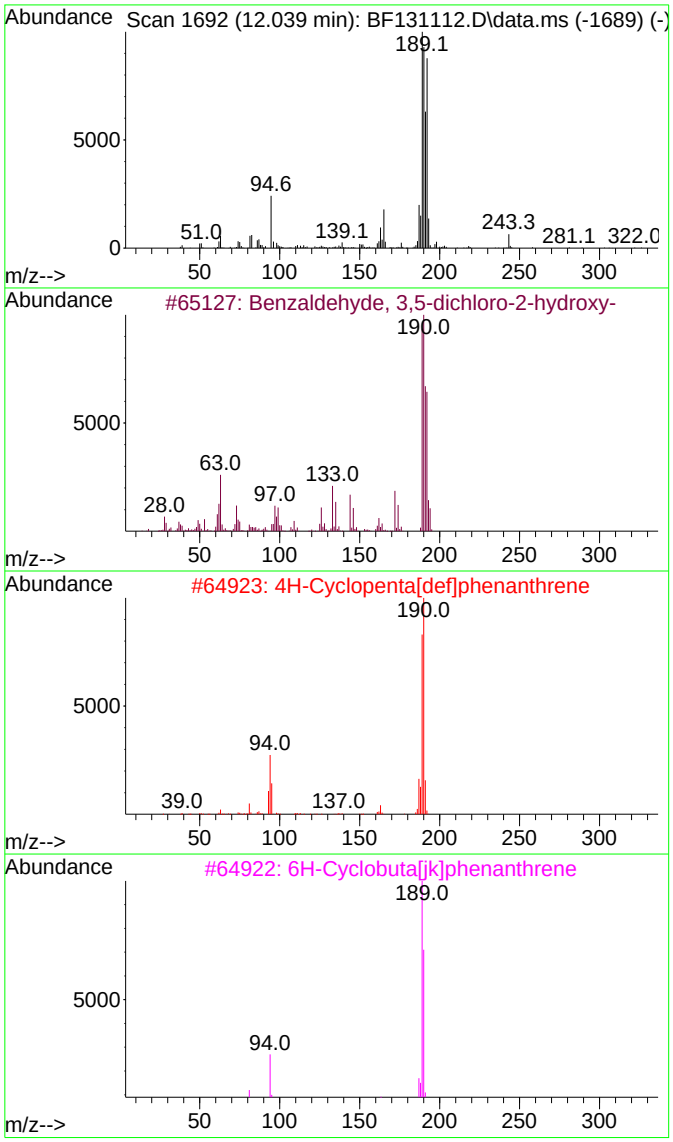
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

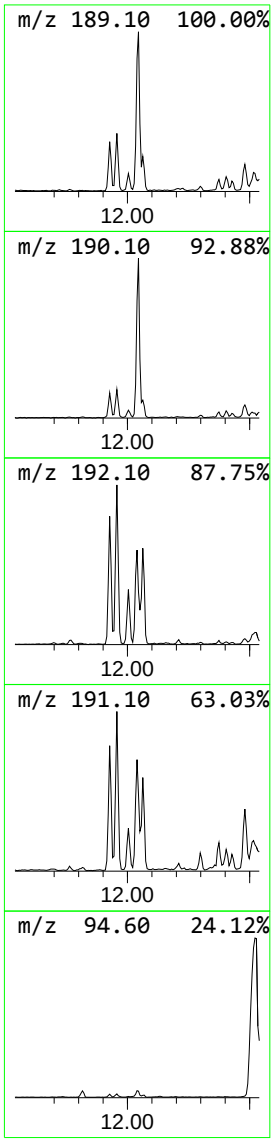
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	14.77 ng	503712	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

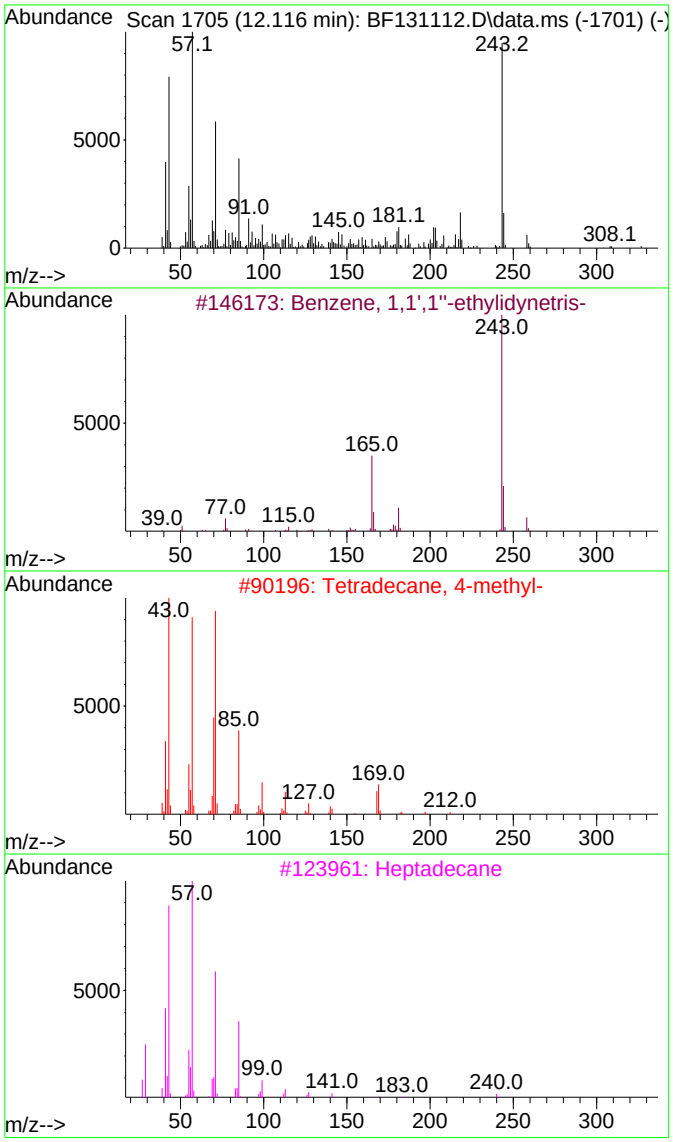
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

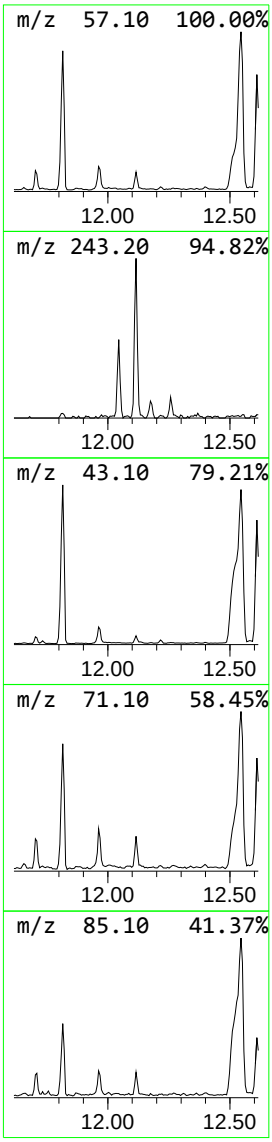
****

Peak Number 10 unknown12.116 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	5.62 ng	191683	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-ethylidynetris-	258	C20H18	005271-39-6	41
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	41
3	Heptadecane	240	C17H36	000629-78-7	30
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
5	2-Thiophenecarboxamide, N-(1H-1,...	243	C12H9N3OS	1000337-96-0	30





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

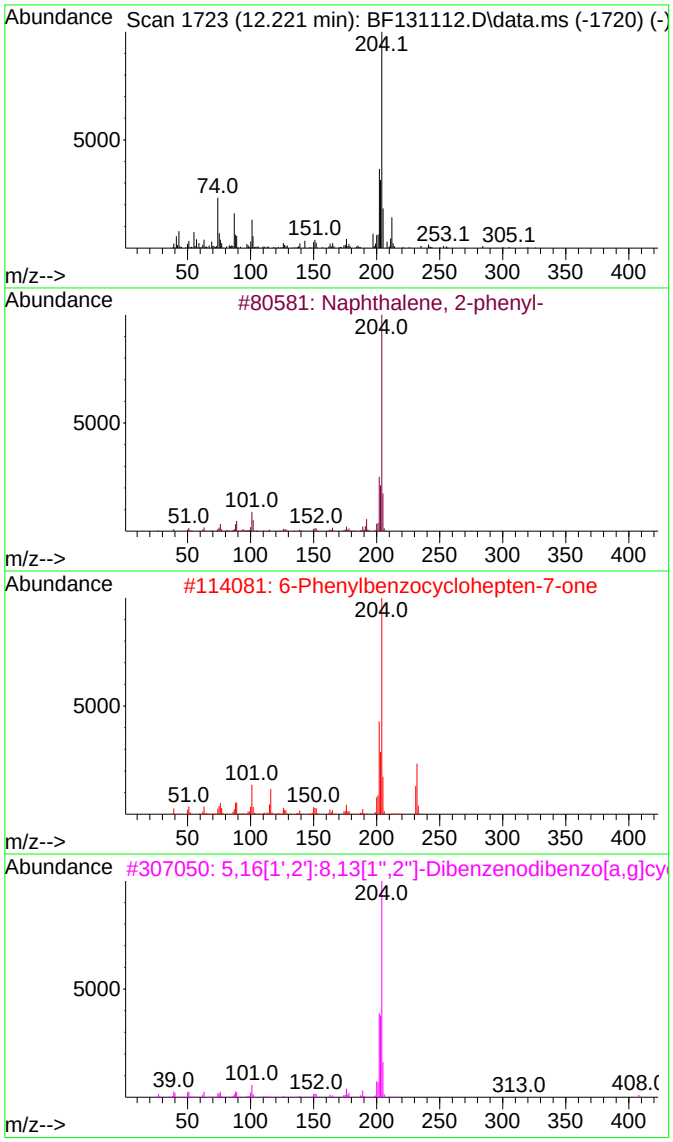
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

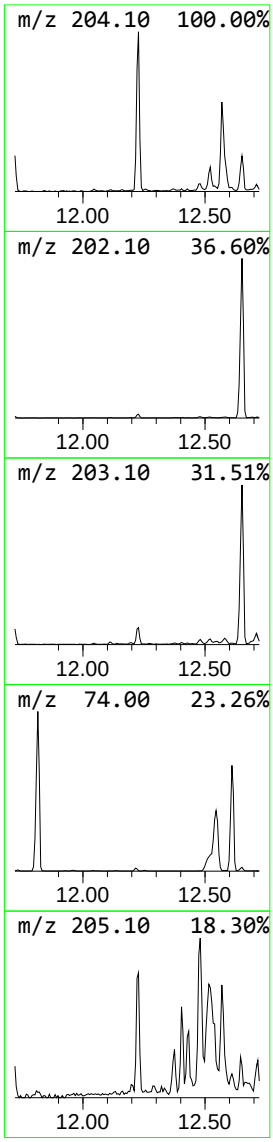
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	6.03 ng	205682	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

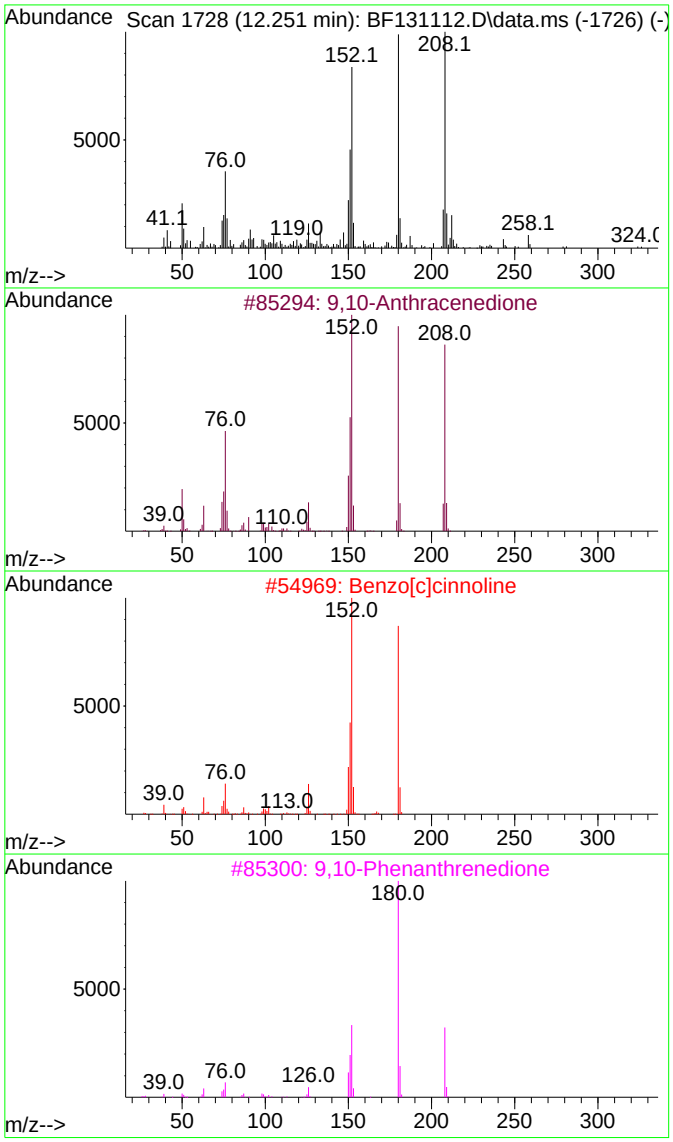
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

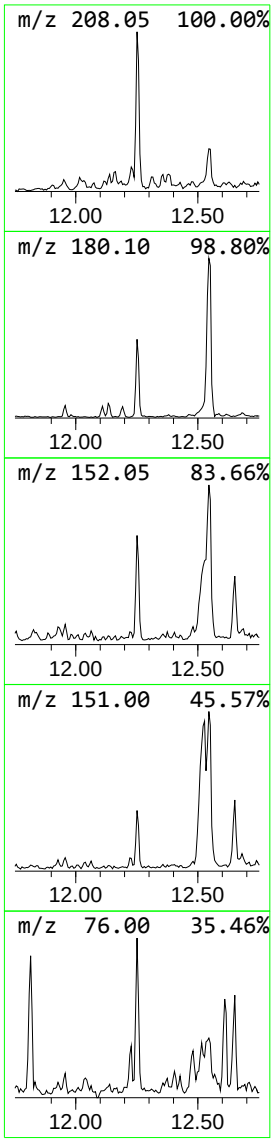
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	6.33 ng	215872	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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Misc :
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ClientSampleId :
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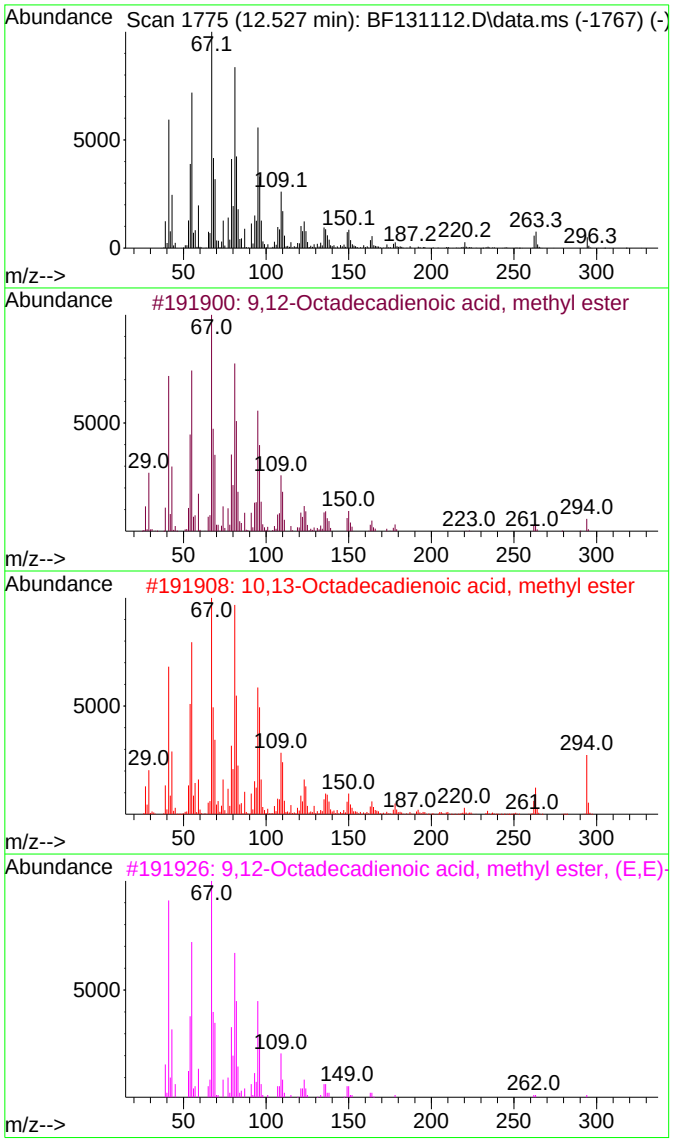
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

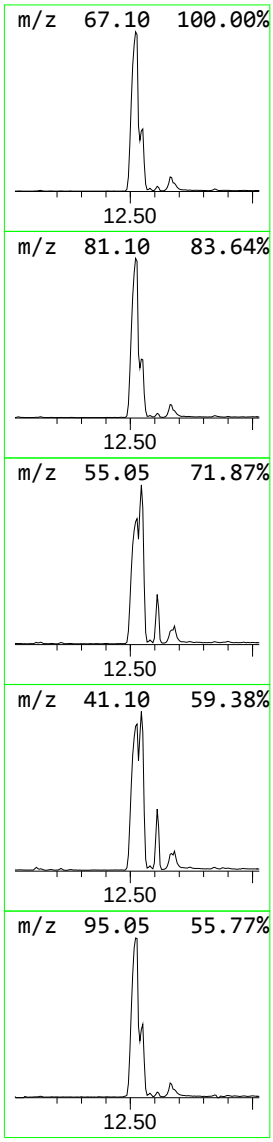
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	457.64 ng	15608700	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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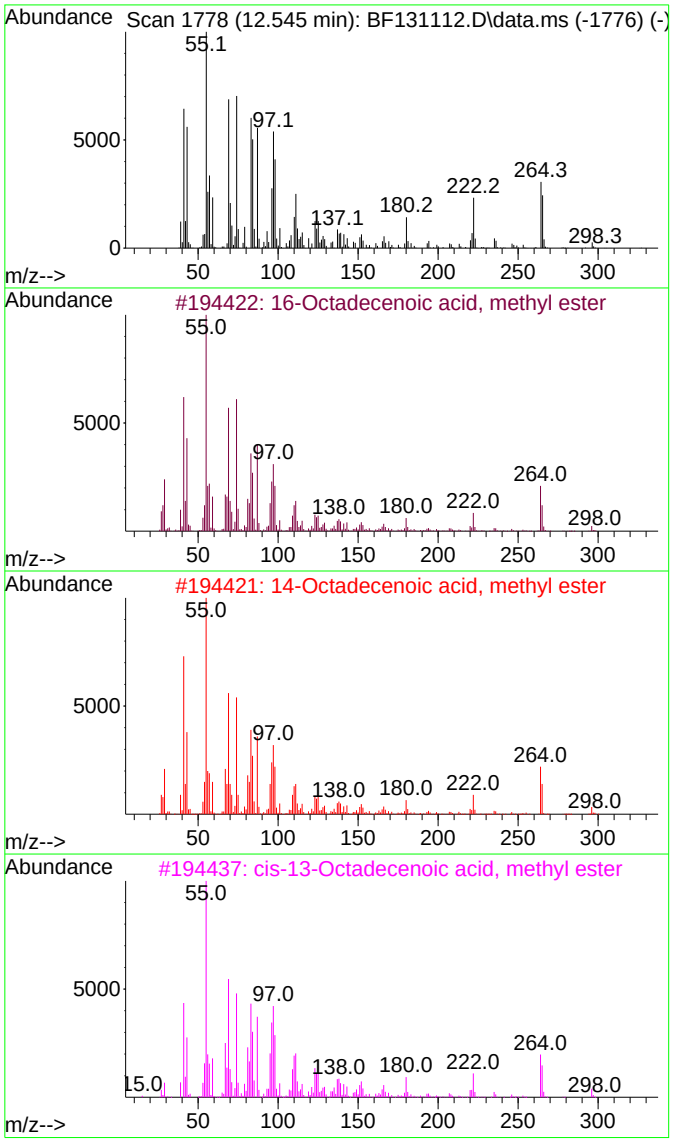
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

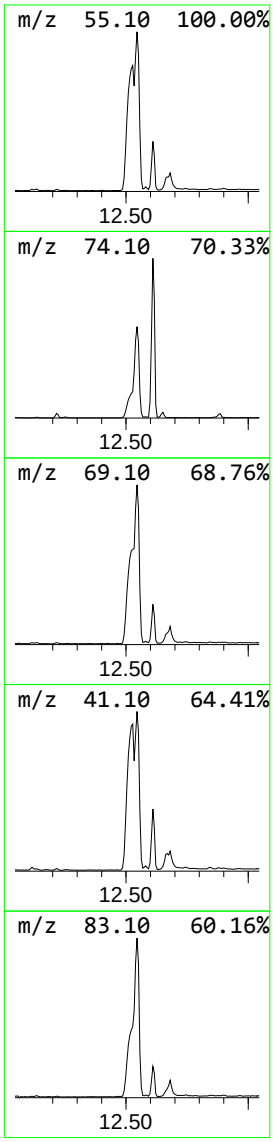
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	279.82 ng	9543560	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	87
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87





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Instrument :
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ClientSampleId :
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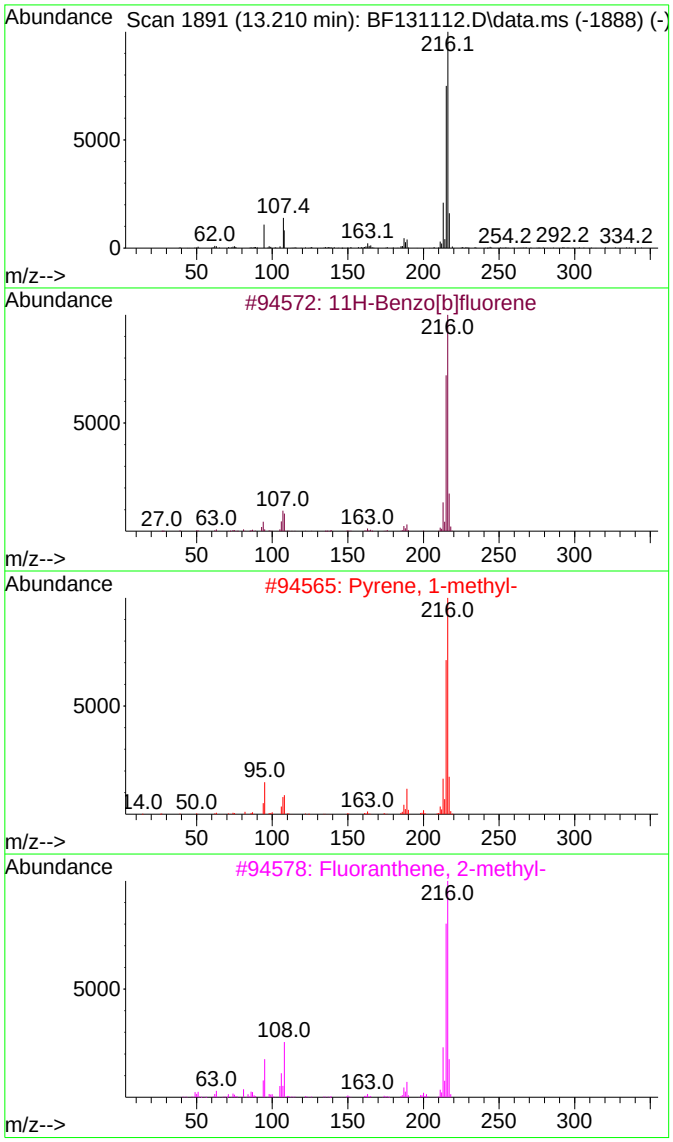
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

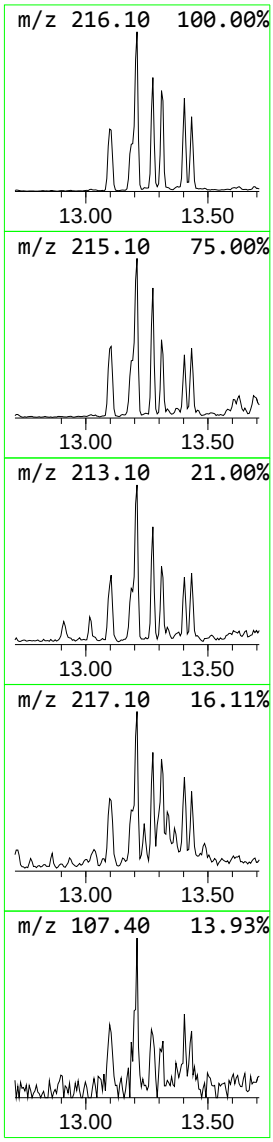
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	4.22 ng	423672	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

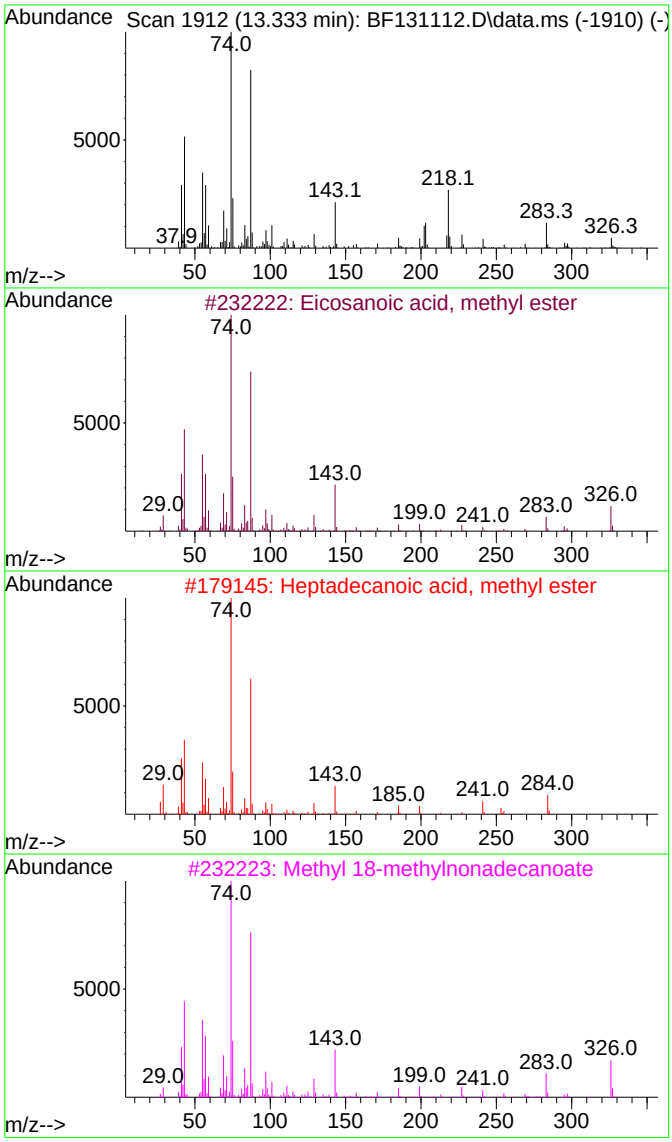
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

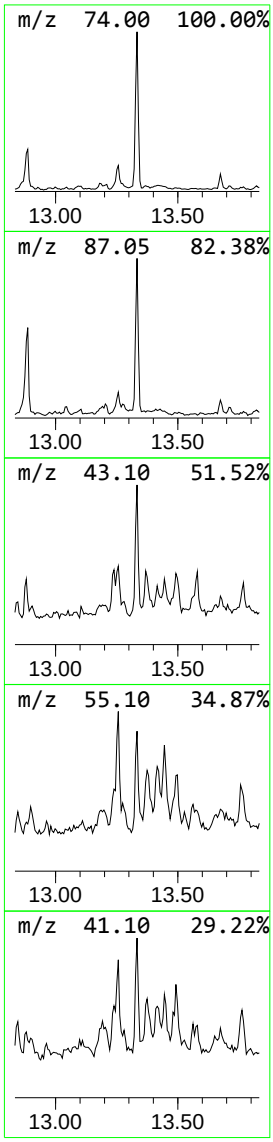
****

Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	3.63 ng	364328	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	89
5	Methyl stearate	298	C19H38O2	000112-61-8	81





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ALS Vial : 21 Sample Multiplier: 1

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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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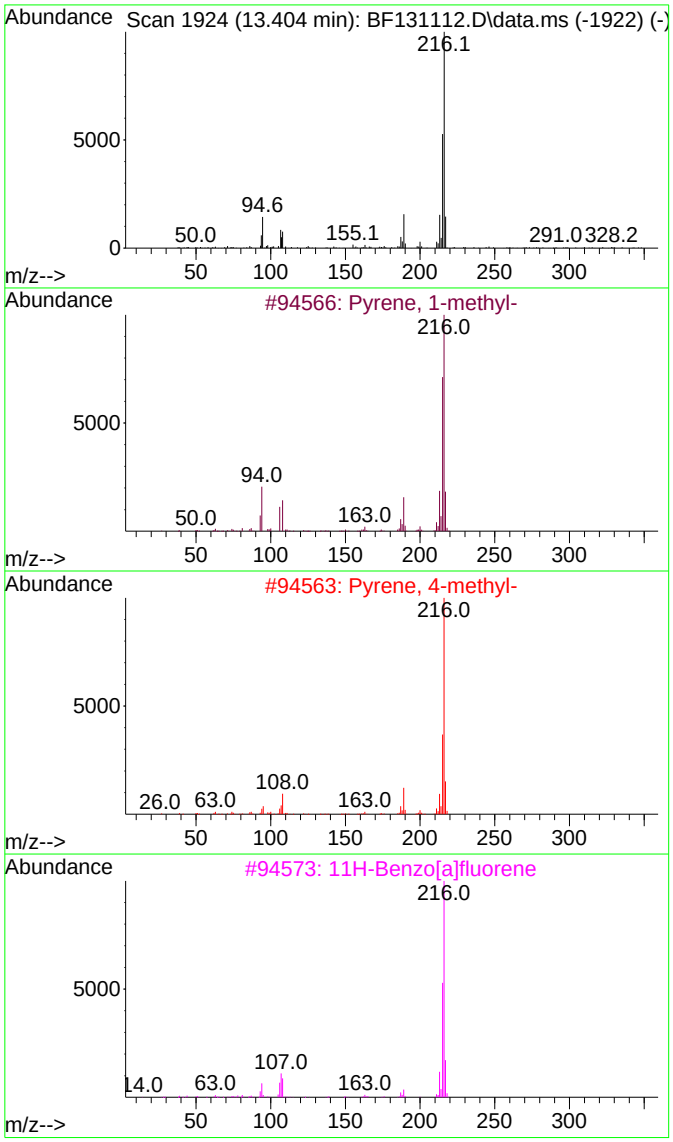
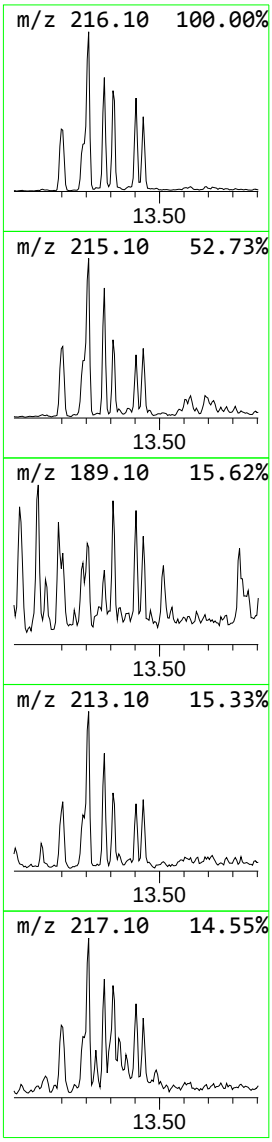
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	3.57 ng	359148	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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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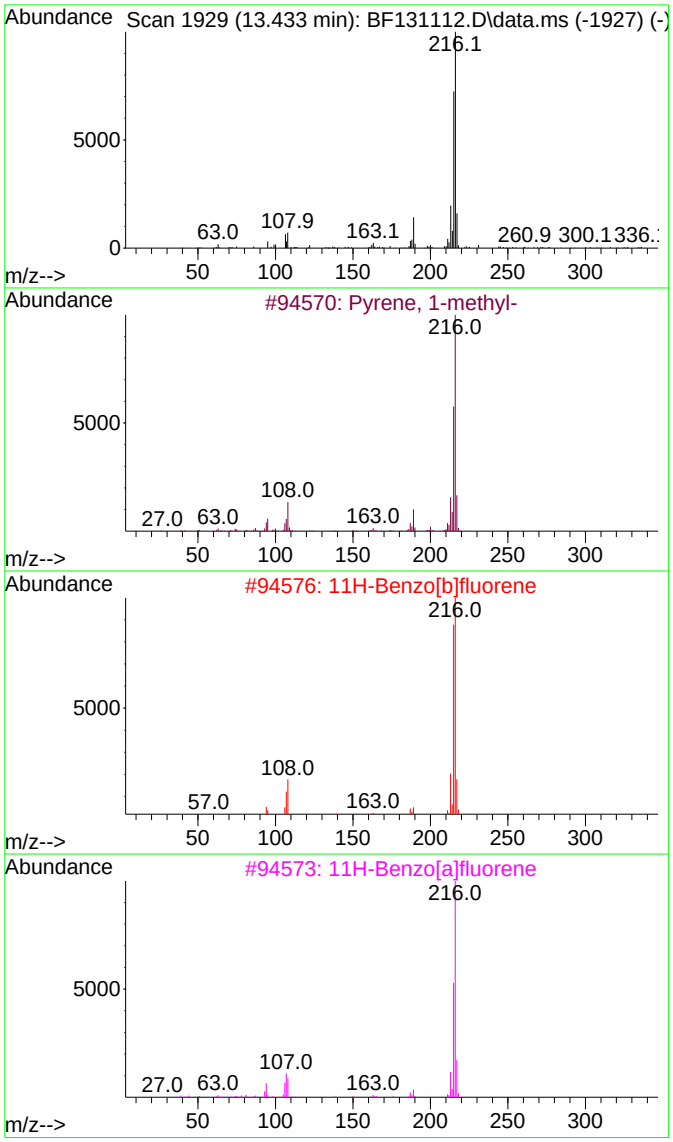
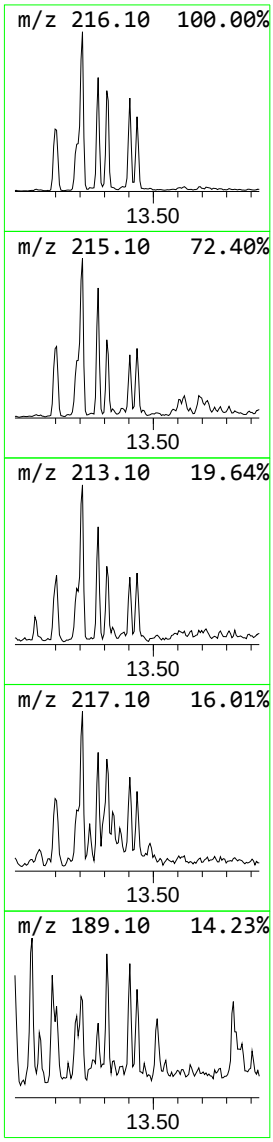
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	4.55 ng	457166	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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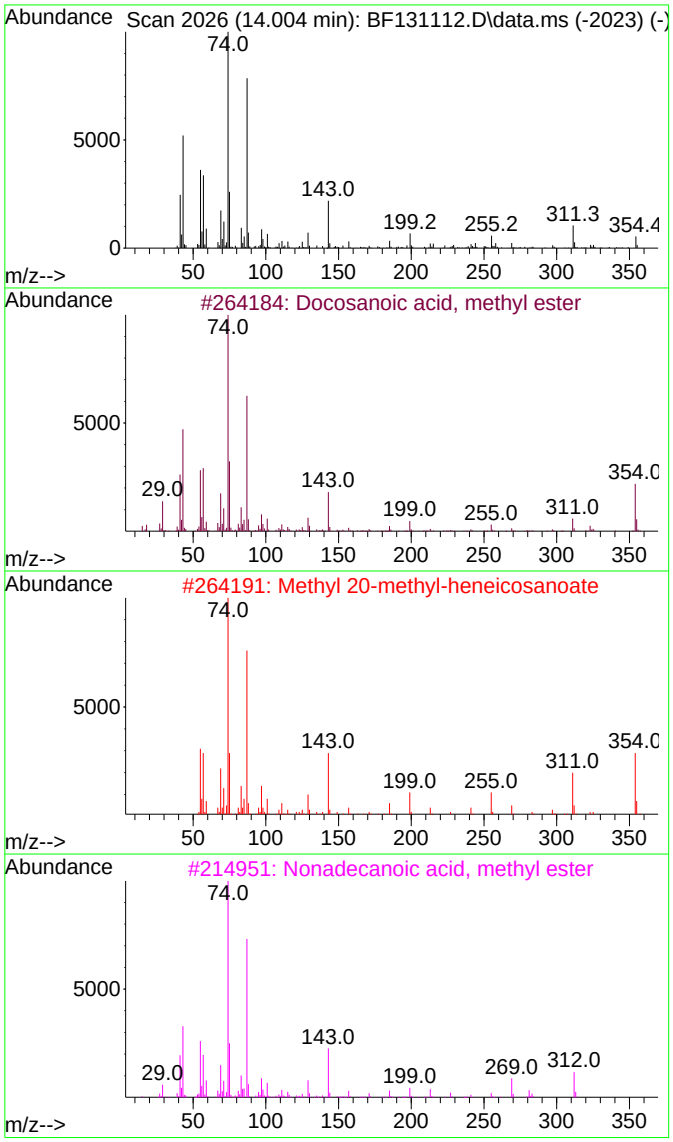
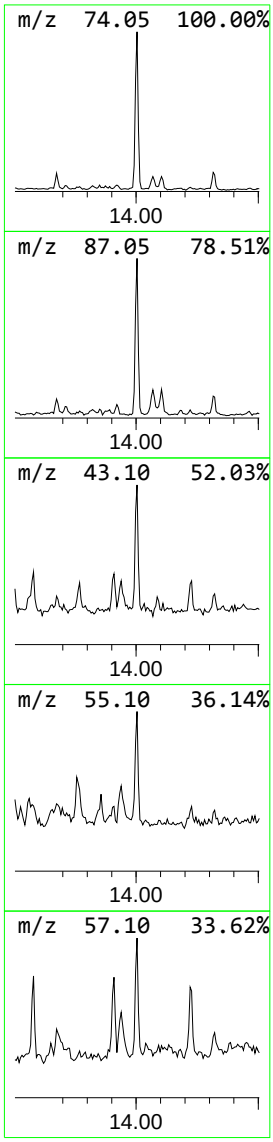
****
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	3.43 ng	344340	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

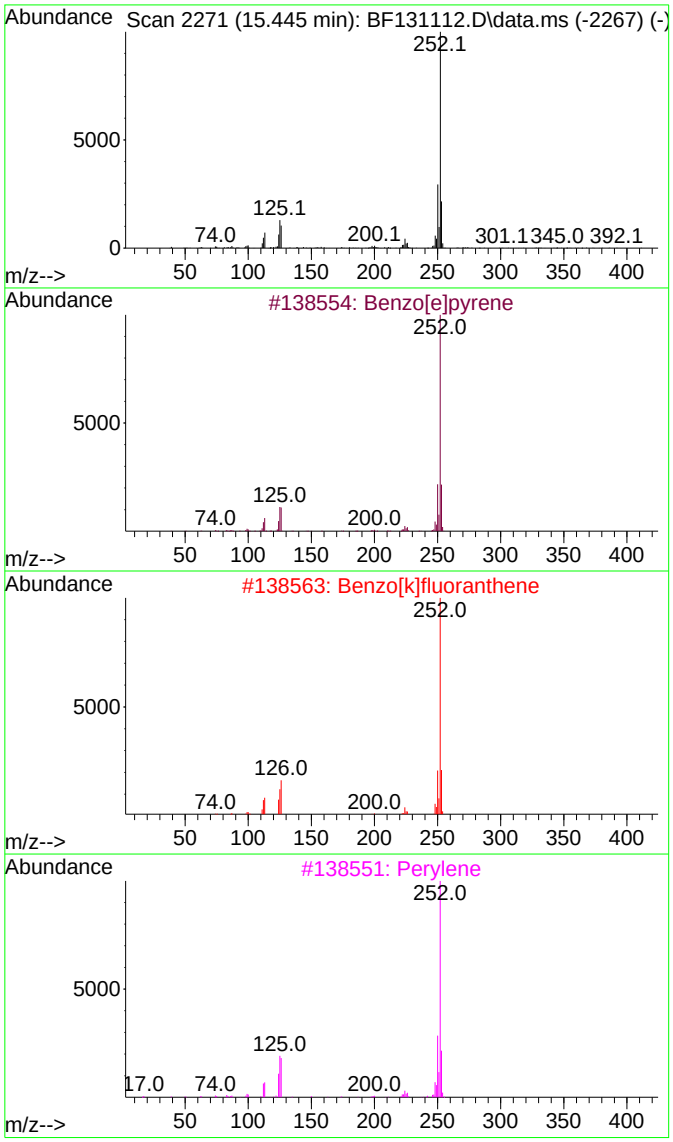
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

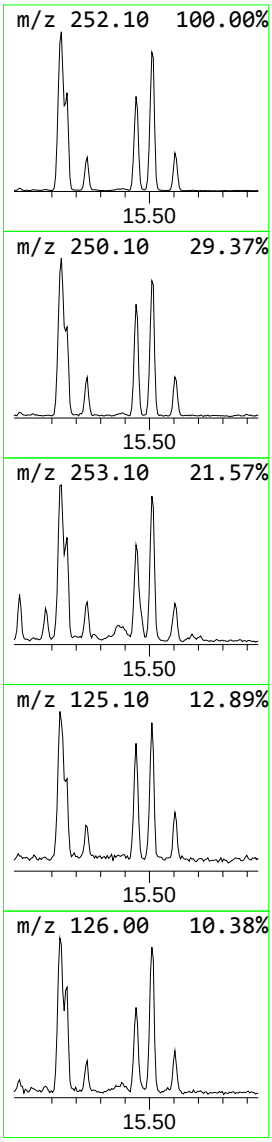
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	22.88 ng	491015	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131112.D
Acq On : 10 Nov 2022 04:02
Operator : CG\JU
Sample : N5505-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-2-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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...	2.152	11.2	ng	319846	1	6.892	571628	20.0
2-Pentanone, 4-...	5.098	8.6	ng	244495	1	6.892	571628	20.0
Heptadecane	10.357	4.6	ng	158167	3	9.933	684066	20.0
Tridecane, 7-pr...	10.827	6.5	ng	221664	4	11.427	682132	20.0
Dibenzothiophene	11.322	4.8	ng	162340	4	11.427	682132	20.0
Hexadecanoic ac...	11.816	123.2	ng	4201390	4	11.427	682132	20.0
Phenanthrene, 2...	11.927	8.0	ng	272049	4	11.427	682132	20.0
n-Hexadecanoic ...	11.963	19.6	ng	669605	4	11.427	682132	20.0
Benzaldehyde, 3...	12.039	14.8	ng	503712	4	11.427	682132	20.0
unknown12.116	12.116	5.6	ng	191683	4	11.427	682132	20.0
Naphthalene, 2-...	12.222	6.0	ng	205682	4	11.427	682132	20.0
9,10-Anthracene...	12.251	6.3	ng	215872	4	11.427	682132	20.0
9,12-Octadecadi...	12.527	457.6	ng	15608700	4	11.427	682132	20.0
16-Octadecenoic...	12.545	279.8	ng	9543560	4	11.427	682132	20.0
11H-Benzo[b]flu...	13.210	4.2	ng	423672	5	14.080	2009860	20.0
Eicosanoic acid...	13.333	3.6	ng	364328	5	14.080	2009860	20.0
Pyrene, 1-methyl-	13.404	3.6	ng	359148	5	14.080	2009860	20.0
11H-Benzo[a]flu...	13.433	4.5	ng	457166	5	14.080	2009860	20.0
Docosanoic acid...	14.004	3.4	ng	344340	5	14.080	2009860	20.0
Benzo[e]pyrene	15.445	22.9	ng	491015	6	15.574	429189	20.0