LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.116	339	345	353	rBV2	18532	31671	1.21%	0.132%
2	4.792	455	460	476	rVB	509063	690204	26.47%	2.883%
3	5.222	529	533	551	rBV	2296163	2136909	81.95%	8.925%
4	5.622	597	601	607	rVB	44478	38001	1.46%	0.159%
5	6.263	705	710	727	rBV	2141685	2146733	82.32%	8.966%
6	6.610	766	769	773	rBV	607864	500200	19.18%	2.089%
7	7.181	862	866	869	rBV	1577661	1393088	53.42%	5.818%
8	7.892	984	987	991	rBV	823082	663814	25.46%	2.772%
9	8.975	1166	1171	1174	rBV	3073841	2607724	100.00%	10.891%
10	9.504	1258	1261	1265	rBV	42057	32798	1.26%	0.137%
11	9.645	1281	1285	1288	rBV	765998	683502	26.21%	2.855%
12	10.427	1415	1418	1430	rBV	1379411	1294930	49.66%	5.408%
13	11.121	1532	1536	1538	rBV	722669	572989	21.97%	2.393%
14	11.145	1538	1540	1543	rVV	350206	260242	9.98%	1.087%
15	11.198	1545	1549	1552	rVB	99166	84720	3.25%	0.354%
16	11.621	1618	1621	1624	rBV	71865	57369	2.20%	0.240%
17	11.651	1624	1626	1632	rVV2	83968	93649	3.59%	0.391%
18	11.733	1637	1640	1642	rVV	121756	112450	4.31%	0.470%
19	11.757	1642	1644	1649	rVB	50523	43407	1.66%	0.181%
20	11.921	1668	1672	1674	rVB	48315	44000	1.69%	0.184%
21	12.168	1710	1714	1717	rBV	37960	38328	1.47%	0.160%
22	12.210	1717	1721	1723	rVV3	28811	40994	1.57%	0.171%
23	12.257	1726	1729	1733	rVV3	28819	32845	1.26%	0.137%
24	12.333	1738	1742	1745	rBV	802757	753926	28.91%	3.149%
25	12.427	1755	1758	1760	rBV	61799	54073	2.07%	0.226%
26	12.480	1760	1767	1774	rVB4	23758	50147	1.92%	0.209%
27	12.557	1774	1780	1783	rBV	715704	664525	25.48%	2.775%
28	12.610	1787	1789	1794	rVB3	46683	45759	1.75%	0.191%
29	12.680	1797	1801	1802	rBV	51455	44608	1.71%	0.186%
30	12.710	1802	1806	1809	rVV	2359853	1964300	75.33%	8.204%
31	12.780	1813	1818	1822	rBV2	53120	87232	3.35%	0.364%
32	12.863	1829	1832	1834	rBV4	46206	62096	2.38%	0.259%
33	12.886	1834	1836	1839	rVB	166763	135778	5.21%	0.567%
34	12.951	1839	1847	1850	rBV2	146636	170644	6.54%	0.713%
35	12.986	1850	1853	1857	rVB	94160	96254	3.69%	0.402%
36	13.080	1866	1869	1872	rVB	45091	38016	1.46%	0.159%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.110	1872	1874	1878	rBV2	48717	50046	1.92%	0.209%
38	13.180	1884	1886	1894	rVB6	25152	43296	1.66%	0.181%
39	13.286	1897	1904	1906	rBV5	64109	87756	3.37%	0.367%
40	13.398	1920	1923	1927	rVB	56065	64732	2.48%	0.270%
41	13.504	1938	1941	1943	rBV	79268	62149	2.38%	0.260%
42	13.527	1943	1945	1947	rBV	62550	51609	1.98%	0.216%
43	13.604	1955	1958	1962	rVB2	91179	100302	3.85%	0.419%
44	13.751	1975	1983	1986	rBV2	922958	1332734	51.11%	5.566%
45	13.780	1986	1988	1991	rVB	434034	345297	13.24%	1.442%
46	13.857	1999	2001	2004	rVB	53961	40268	1.54%	0.168%
47	13.898	2005	2008	2011	rBV	90469	84192	3.23%	0.352%
48	13.927	2011	2013	2015	rVV	39346	32550	1.25%	0.136%
49	14.139	2046	2049	2052	rVB	100266	90155	3.46%	0.377%
50	14.174	2052	2055	2059	rVB2	53550	55278	2.12%	0.231%
51	14.233	2062	2065	2067	rVV2	104935	99914	3.83%	0.417%
52	14.262	2067	2070	2072	rVV	64644	66024	2.53%	0.276%
53	14.286	2072	2074	2077	rVV2	43756	39853	1.53%	0.166%
54	14.339	2081	2083	2088	rVB3	39429	47061	1.80%	0.197%
55	14.392	2089	2092	2095	rBV2	35486	41436	1.59%	0.173%
56	14.527	2110	2115	2123	rVB4	66354	142539	5.47%	0.595%
57	14.609	2125	2129	2131	rVB3	41333	53623	2.06%	0.224%
58	14.751	2149	2153	2156	rBV	473566	649442	24.90%	2.712%
59	14.827	2163	2166	2168	rBV3	53952	60949	2.34%	0.255%
60	14.851	2168	2170	2174	rVB	102393	102070	3.91%	0.426%
61	14.933	2181	2184	2186	rBV2	29112	39094	1.50%	0.163%
62	15.021	2195	2199	2205	rBV	235948	278451	10.68%	1.163%
63	15.080	2205	2209	2214	rVB	384945	431675	16.55%	1.803%
64	15.139	2214	2219	2221	rBV	569891	661901	25.38%	2.764%
65	15.162	2221	2223	2230	rVB2	144842	175318	6.72%	0.732%
66	15.551	2282	2289	2295	rBV2	34596	87702	3.36%	0.366%
67	15.633	2300	2303	2309	rBV3	39384	58570	2.25%	0.245%
68	16.433	2434	2439	2446	rVB2	177804	337906	12.96%	1.411%
69	16.509	2448	2452	2457	rBV2	27881	45289	1.74%	0.189%
70	16.598	2462	2467	2469	rBV	36615	53939	2.07%	0.225%
71	16.645	2472	2475	2480	rVV2	30473	48442	1.86%	0.202%
72	16.827	2501	2506	2513	rBV	122839	213667	8.19%	0.892%

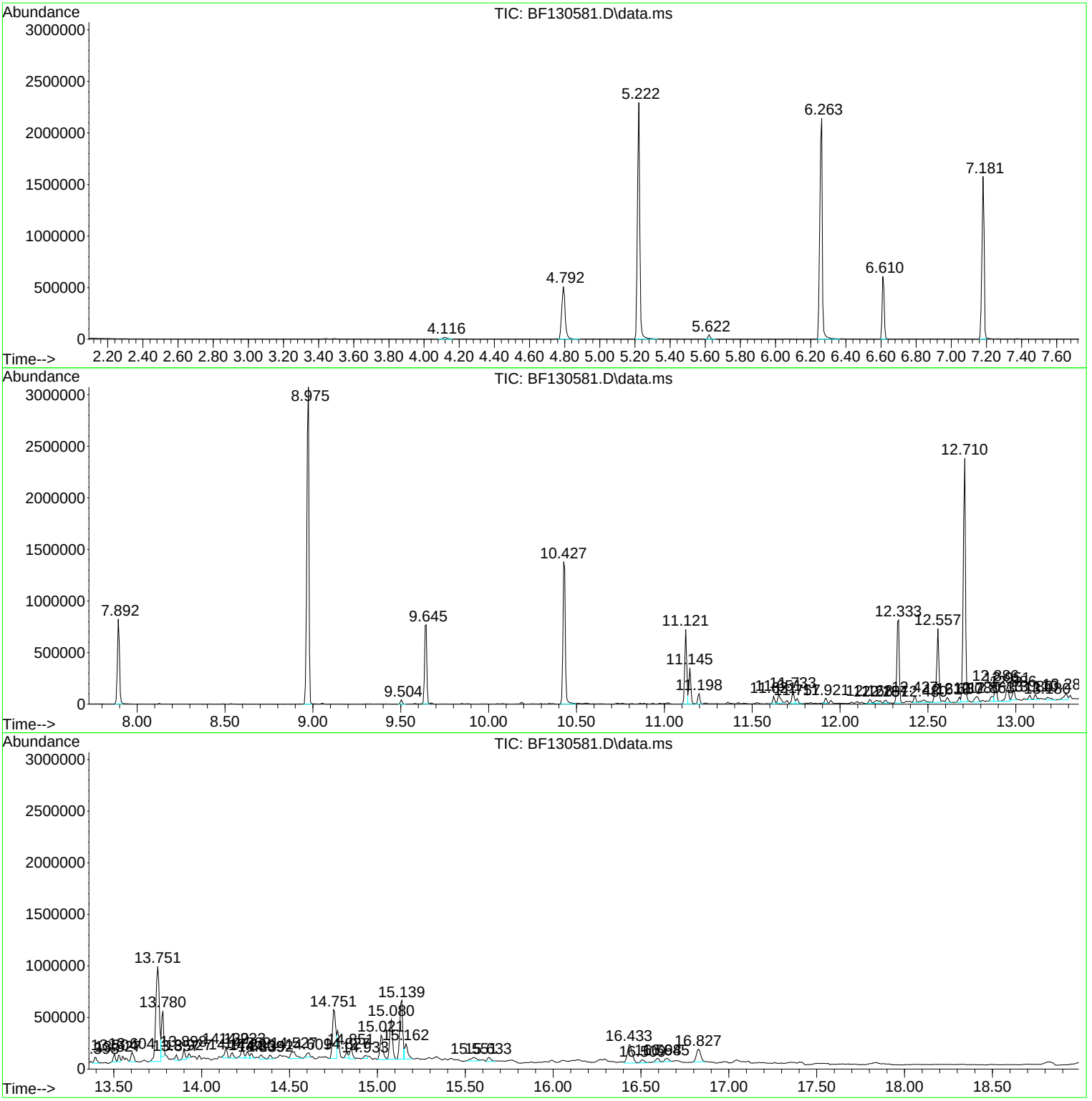
Sum of corrected areas: 23943154

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

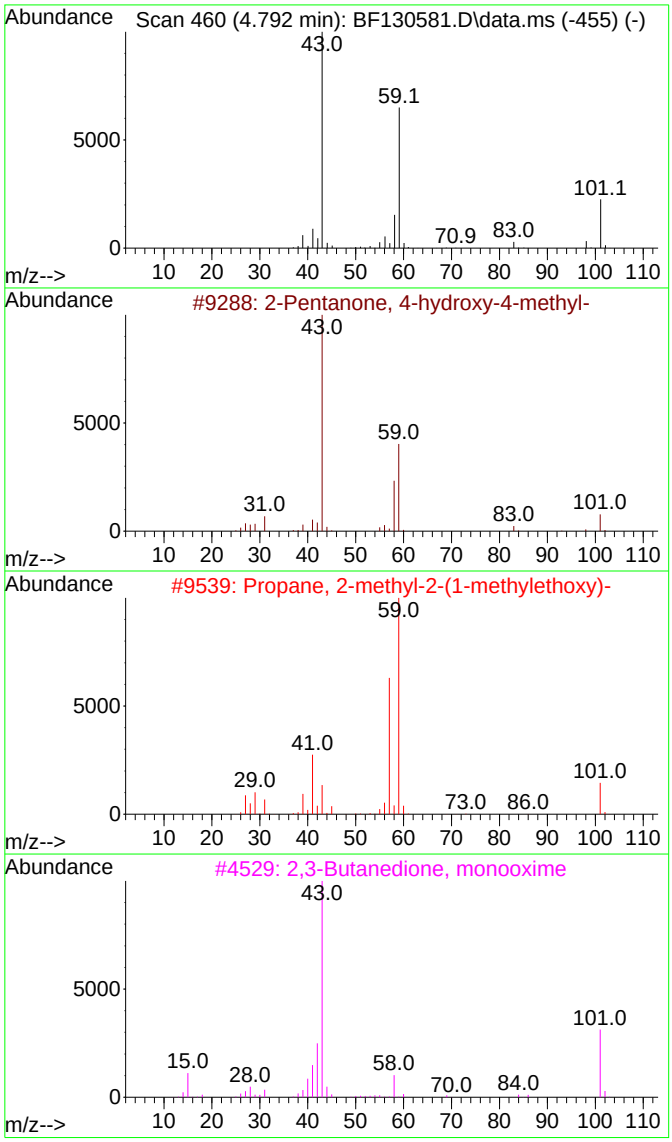
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

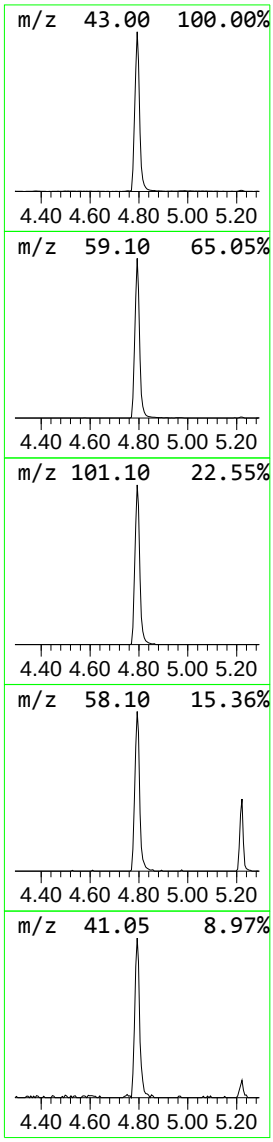
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.792	27.60 ng	690204	1,4-Dichlorobenzene-d4	6.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

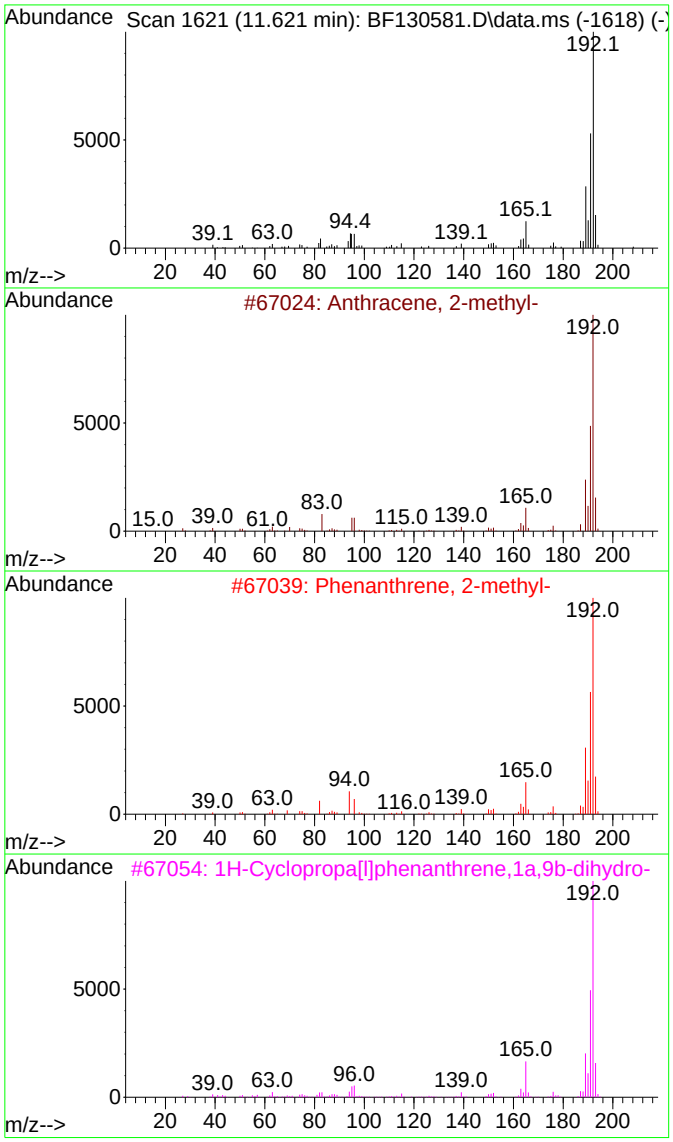
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

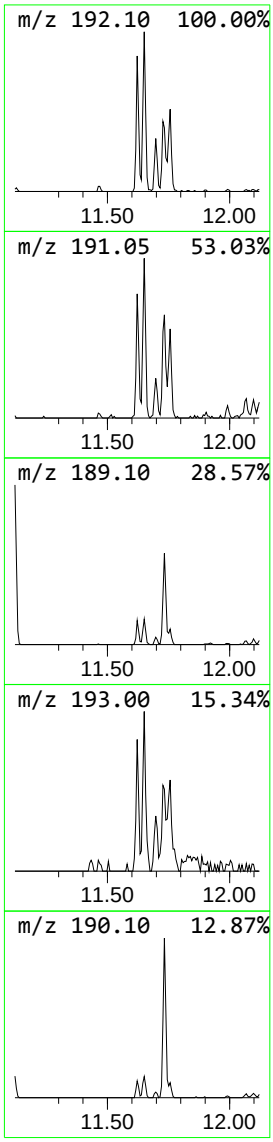
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	2.00 ng	57369	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

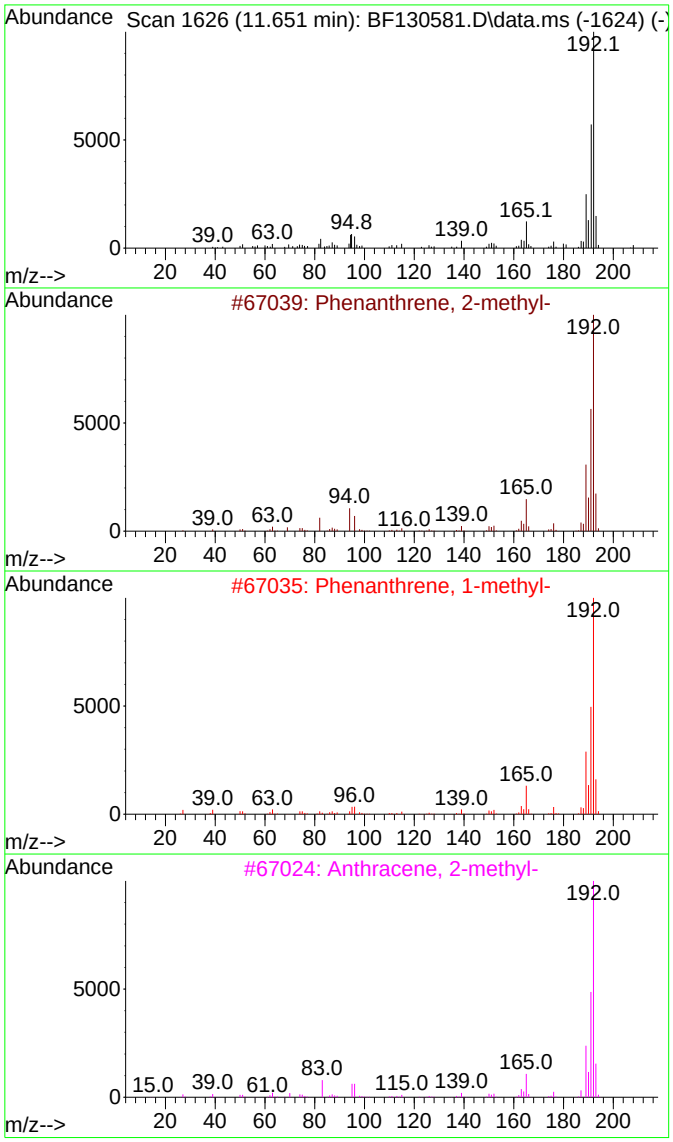
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

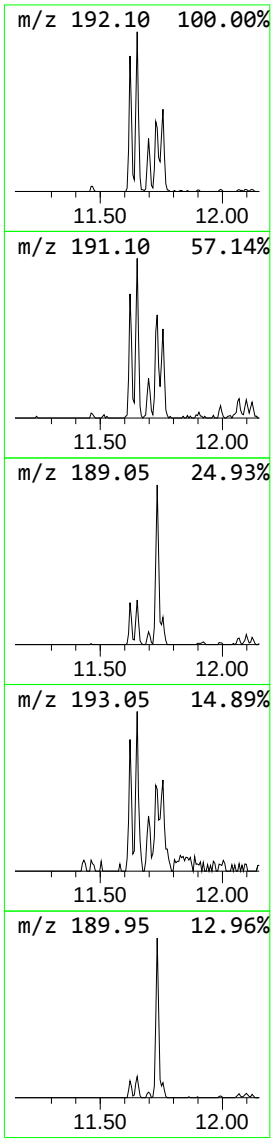
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	3.27 ng	93649	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

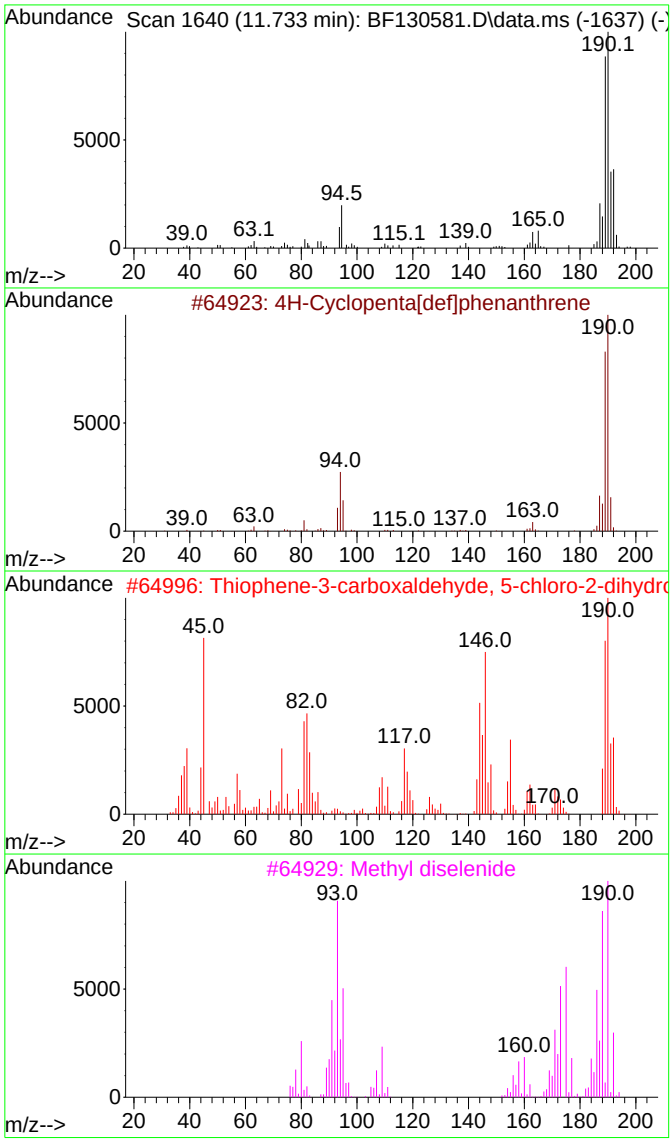
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

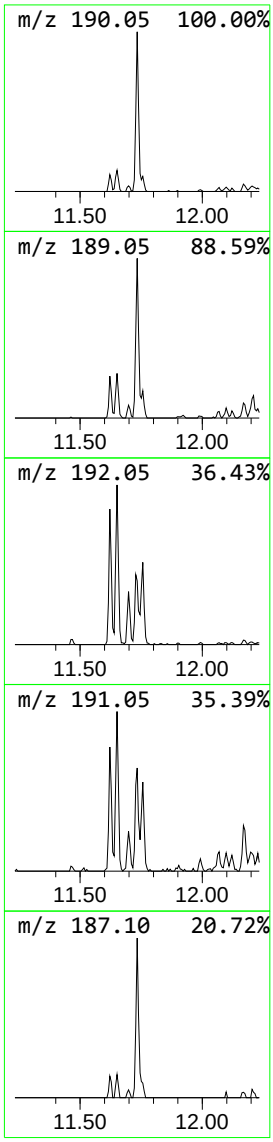
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	3.93 ng	112450	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

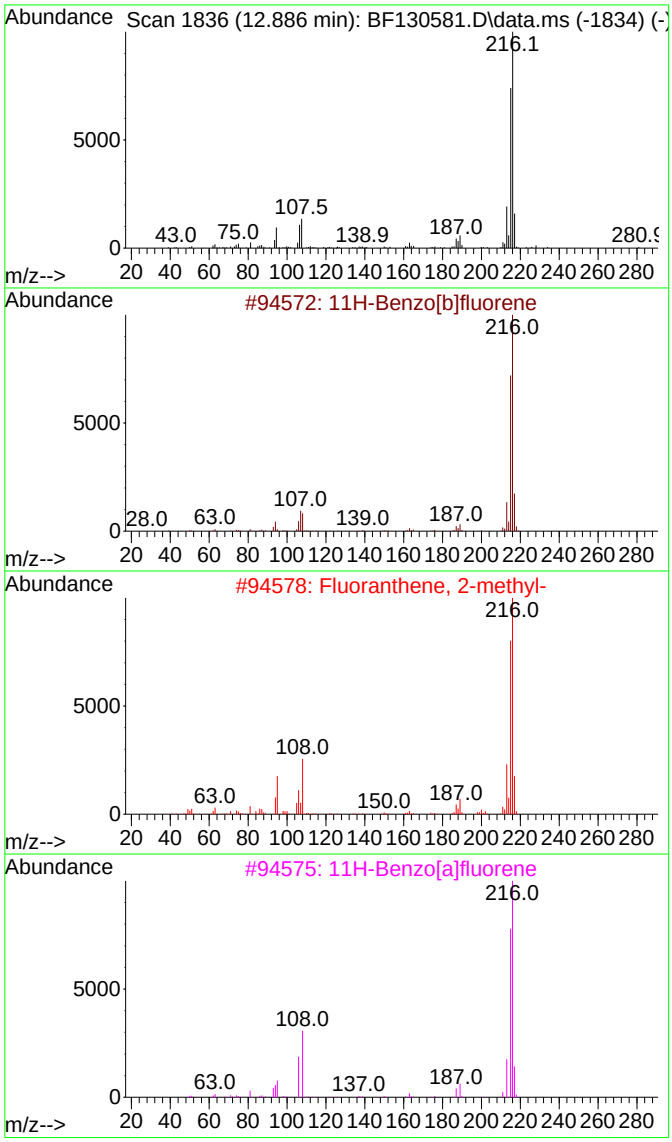
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

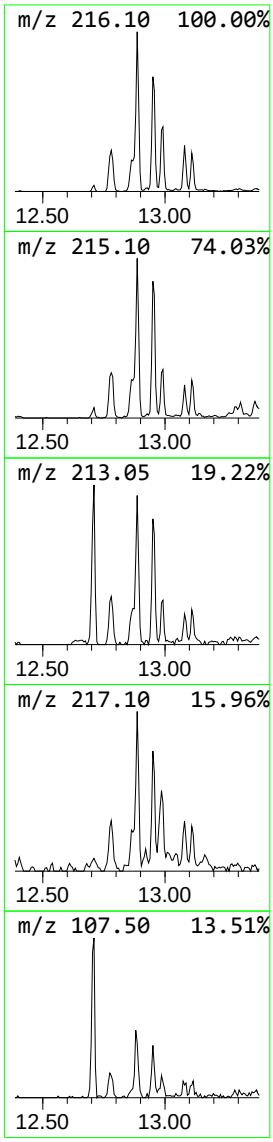
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	2.04 ng	135778	Chrysene-d12	13.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

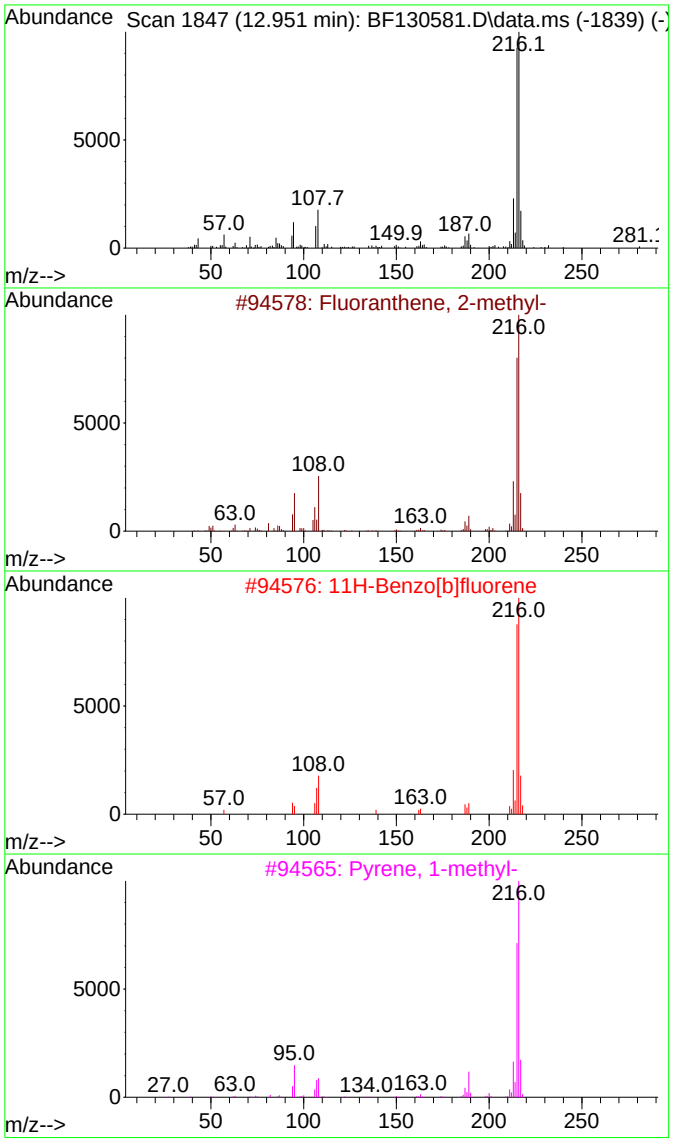
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

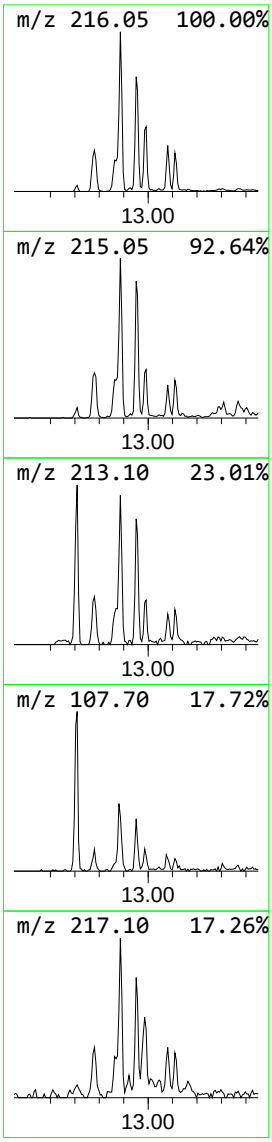
****

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	2.56 ng	170644	Chrysene-d12	13.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

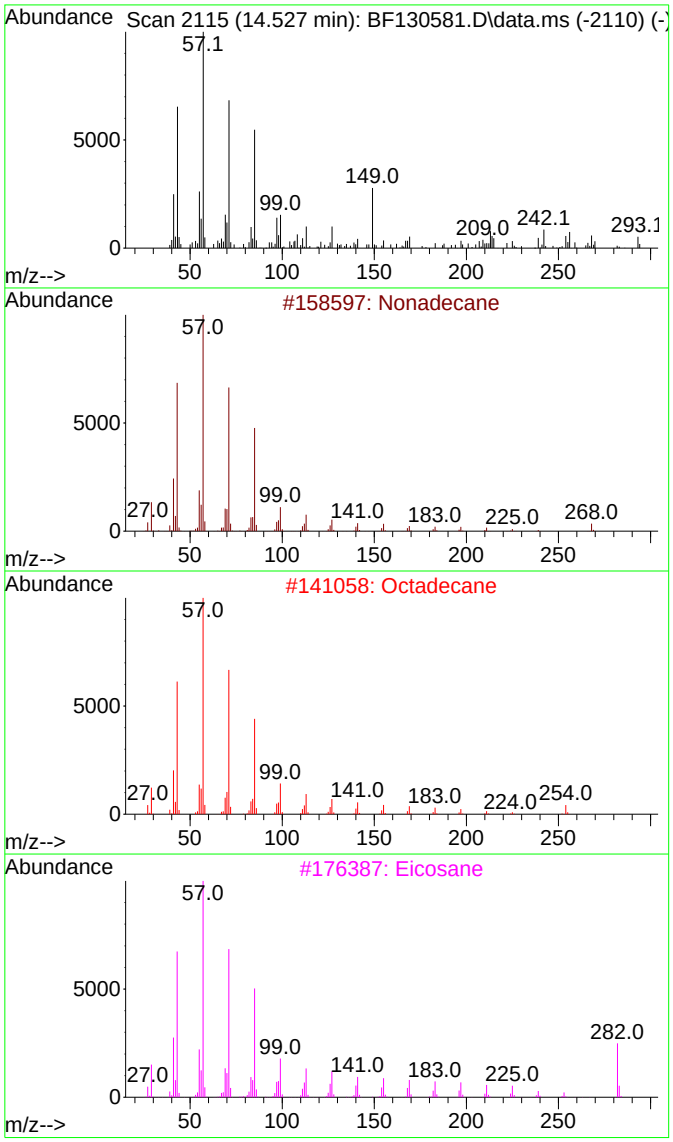
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

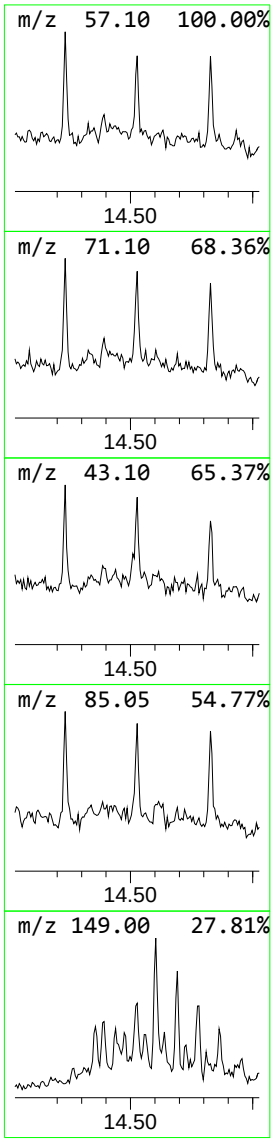
****

Peak Number 7 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	4.31 ng	142539	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	89
3	Eicosane	282	C20H42	000112-95-8	62
4	Octacosane	394	C28H58	000630-02-4	62
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	58





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Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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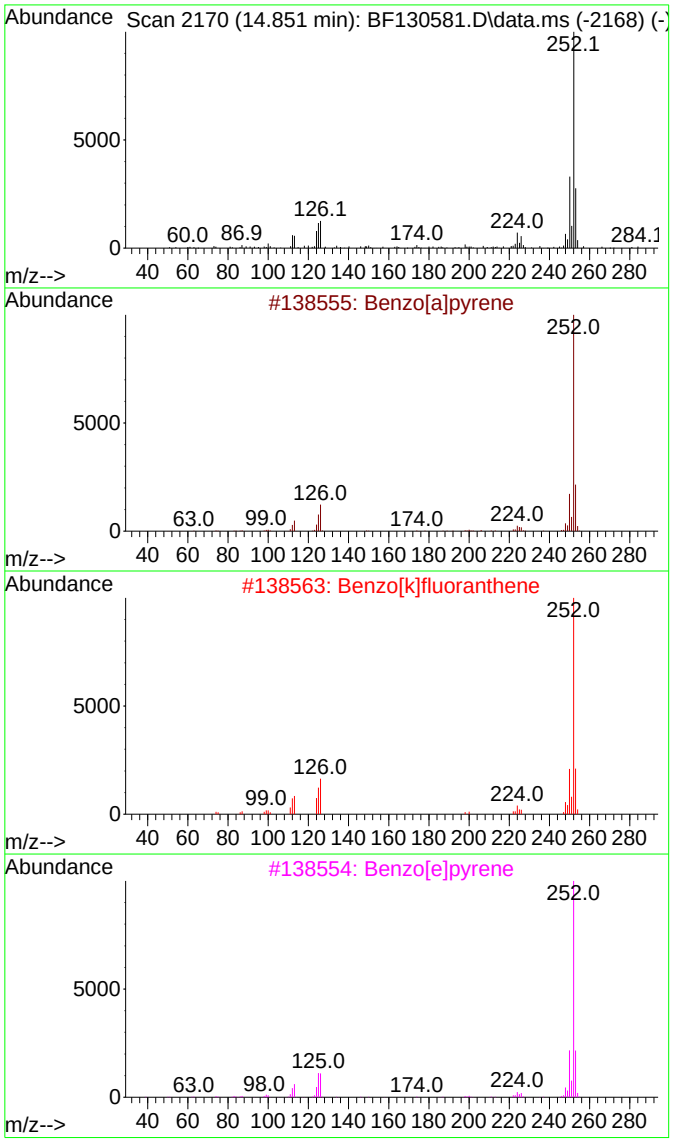
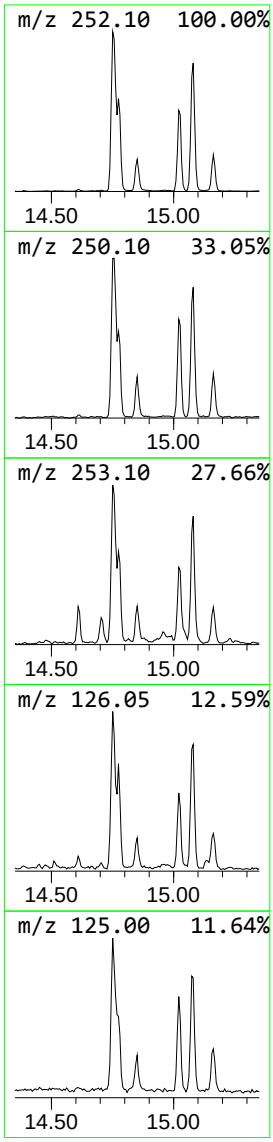
Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	3.08 ng	102070	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	87





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Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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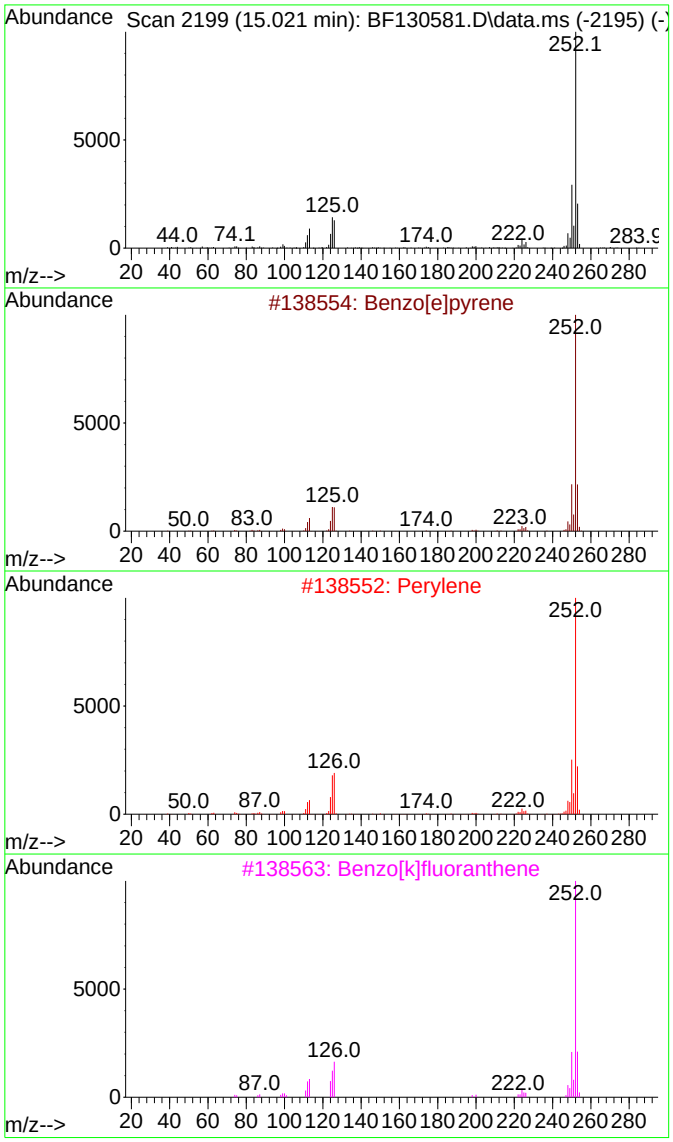
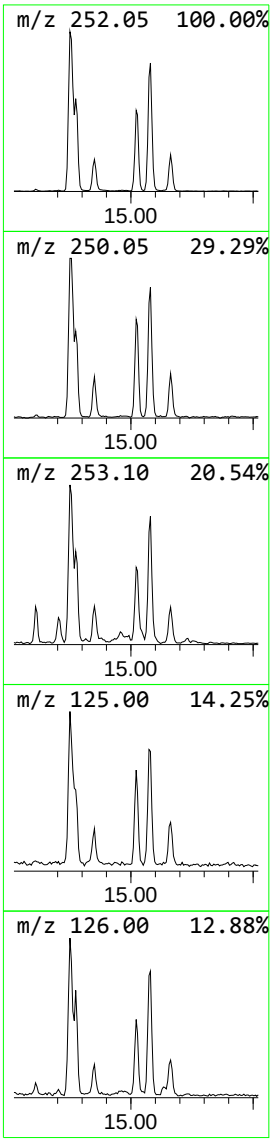
Peak Number 9 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	8.41 ng	278451	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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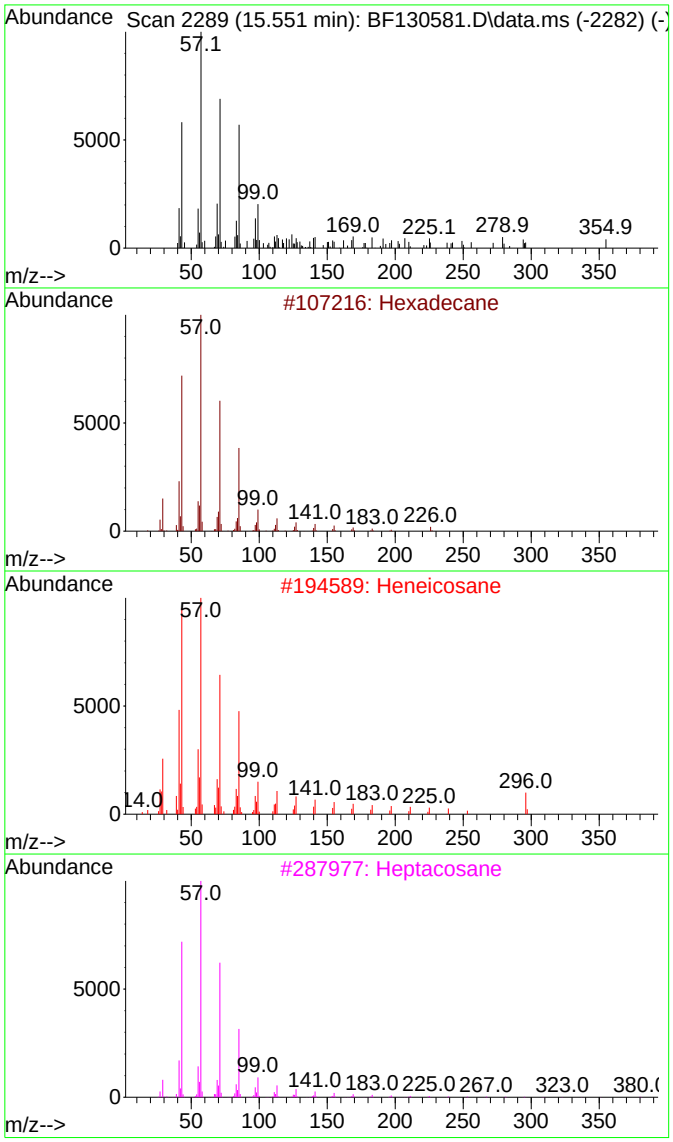
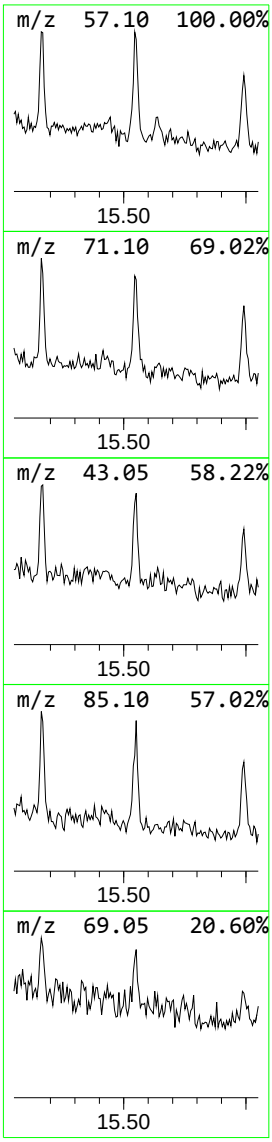
Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	2.65 ng	87702	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Heneicosane	296	C21H44	000629-94-7	58
3	Heptacosane	380	C27H56	000593-49-7	49
4	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	46
5	5-Ethyl-4-nonanone	170	C11H22O	1000374-06-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
Operator : CG\JU
Sample : N5018-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
2-Pentanone, 4-...	4.792	27.6	ng	690204	1	6.610	500200	20.0
Anthracene, 2-m...	11.621	2.0	ng	57369	4	11.121	572989	20.0
Phenanthrene, 2...	11.651	3.3	ng	93649	4	11.121	572989	20.0
4H-Cyclopenta[d...	11.733	3.9	ng	112450	4	11.121	572989	20.0
11H-Benzo[b]flu...	12.886	2.0	ng	135778	5	13.751	1332730	20.0
Fluoranthene, 2...	12.951	2.6	ng	170644	5	13.751	1332730	20.0
Nonadecane	14.527	4.3	ng	142539	6	15.139	661901	20.0
Benzo[e]pyrene	14.851	3.1	ng	102070	6	15.139	661901	20.0
Perylene	15.021	8.4	ng	278451	6	15.139	661901	20.0
Hexadecane	15.551	2.6	ng	87702	6	15.139	661901	20.0