LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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: BF131137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	13	19	rBV	506714	639936	42.85%	4.534%
2	2.269	24	31	37	rBV	34032	41495	2.78%	0.294%
3	4.487	404	408	414	rBV	74404	81824	5.48%	0.580%
4	5.110	509	514	524	rBV	492840	585174	39.18%	4.146%
5	5.510	577	582	585	rBV	1608174	1463825	98.01%	10.370%
6	5.904	645	649	652	rBV	25521	22828	1.53%	0.162%
7	6.516	748	753	756	rBV	1683288	1493513	100.00%	10.581%
8	6.887	813	816	820	rBV	491729	378776	25.36%	2.683%
9	7.451	907	912	915	rBV	1044013	927437	62.10%	6.570%
10	8.175	1031	1035	1038	rBV	468628	430565	28.83%	3.050%
11	9.251	1213	1218	1221	rBV	1506186	1342497	89.89%	9.511%
12	9.933	1330	1334	1337	rVB	461066	397893	26.64%	2.819%
13	10.722	1464	1468	1479	rBV	859752	711173	47.62%	5.038%
14	11.422	1584	1587	1590	rBV	435984	381496	25.54%	2.703%
15	11.445	1590	1591	1594	rVV	101333	66986	4.49%	0.475%
16	11.498	1597	1600	1603	rVV	20679	18414	1.23%	0.130%
17	11.927	1668	1673	1675	rBV	56449	51901	3.48%	0.368%
18	11.957	1675	1678	1681	rVV	74228	67549	4.52%	0.479%
19	11.998	1681	1685	1688	rVV	25341	27167	1.82%	0.192%
20	12.033	1688	1691	1694	rVV2	96177	104306	6.98%	0.739%
21	12.063	1694	1696	1699	rVB	55995	42362	2.84%	0.300%
22	12.222	1715	1723	1725	rBV2	33837	34896	2.34%	0.247%
23	12.251	1725	1728	1733	rVB3	24568	27269	1.83%	0.193%
24	12.369	1746	1748	1751	rVB	22280	16645	1.11%	0.118%
25	12.474	1763	1766	1769	rBV	95921	91536	6.13%	0.648%
26	12.516	1769	1773	1775	rVV3	43666	63571	4.26%	0.450%
27	12.563	1778	1781	1786	rVV2	47848	59513	3.98%	0.422%
28	12.639	1789	1794	1798	rVB	204380	173346	11.61%	1.228%
29	12.704	1803	1805	1809	rVV2	20098	19248	1.29%	0.136%
30	12.769	1812	1816	1818	rVV3	20042	22950	1.54%	0.163%
31	12.821	1822	1825	1827	rVB2	19299	17934	1.20%	0.127%
32	12.869	1827	1833	1839	rBV	270750	310331	20.78%	2.199%
33	12.921	1839	1842	1846	rVB2	29077	37485	2.51%	0.266%
34	12.986	1846	1853	1854	rBV3	16461	29776	1.99%	0.211%
35	13.010	1854	1857	1864	rVB	1182774	1085138	72.66%	7.688%
36	13.086	1866	1870	1877	rBV4	50500	85496	5.72%	0.606%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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	13.174	1882	1885	1887	rVV3	49238	61856	4.14%	0.438%
38	13.198	1887	1889	1892	rVB2	50094	45664	3.06%	0.324%
39	13.269	1898	1901	1903	rVB	21162	17991	1.20%	0.127%
40	13.304	1903	1907	1910	rBV	71568	64592	4.32%	0.458%
41	13.398	1919	1923	1925	rBV	67942	58126	3.89%	0.412%
42	13.427	1925	1928	1931	rVB	60822	53893	3.61%	0.382%
43	13.510	1940	1942	1946	rVB5	14468	17654	1.18%	0.125%
44	13.710	1973	1976	1981	rVB	37395	41199	2.76%	0.292%
45	13.821	1990	1995	1998	rBV4	36037	53623	3.59%	0.380%
46	13.851	1998	2000	2002	rVB	32184	23773	1.59%	0.168%
47	13.916	2007	2011	2015	rVB2	34230	47587	3.19%	0.337%
48	13.998	2015	2025	2030	rBV7	28811	100257	6.71%	0.710%
49	14.074	2032	2038	2040	rBV2	479386	562277	37.65%	3.983%
50	14.098	2040	2042	2047	rVB	182104	162307	10.87%	1.150%
51	14.168	2050	2054	2058	rVV3	44856	67365	4.51%	0.477%
52	14.221	2061	2063	2073	rVB3	26475	56505	3.78%	0.400%
53	14.392	2089	2092	2094	rVB2	14167	16014	1.07%	0.113%
54	14.421	2094	2097	2099	rBV2	29055	27197	1.82%	0.193%
55	14.463	2099	2104	2107	rVV	75405	95975	6.43%	0.680%
56	14.492	2107	2109	2112	rVV	54533	43644	2.92%	0.309%
57	14.533	2113	2116	2119	rVV2	33806	51400	3.44%	0.364%
58	14.586	2122	2125	2127	rBV2	42235	36950	2.47%	0.262%
59	14.921	2179	2182	2186	rBV2	26344	25325	1.70%	0.179%
60	15.127	2213	2217	2221	rBV	99861	156691	10.49%	1.110%
61	15.192	2225	2228	2232	rVB5	20120	25304	1.69%	0.179%
62	15.439	2266	2270	2276	rVB	73025	88576	5.93%	0.628%
63	15.504	2277	2281	2287	rVB	97845	127523	8.54%	0.903%
64	15.568	2287	2292	2306	rBV	250120	397061	26.59%	2.813%
65	15.892	2343	2347	2352	rBV8	14091	31030	2.08%	0.220%
66	16.027	2365	2370	2375	rBV3	27243	52107	3.49%	0.369%
67	16.727	2487	2489	2494	rVB6	14511	16372	1.10%	0.116%
68	17.080	2545	2549	2556	rVB3	31295	57420	3.84%	0.407%
69	17.539	2623	2627	2635	rVB	29676	57018	3.82%	0.404%
70	17.809	2666	2673	2679	rBV	6692	22918	1.53%	0.162%

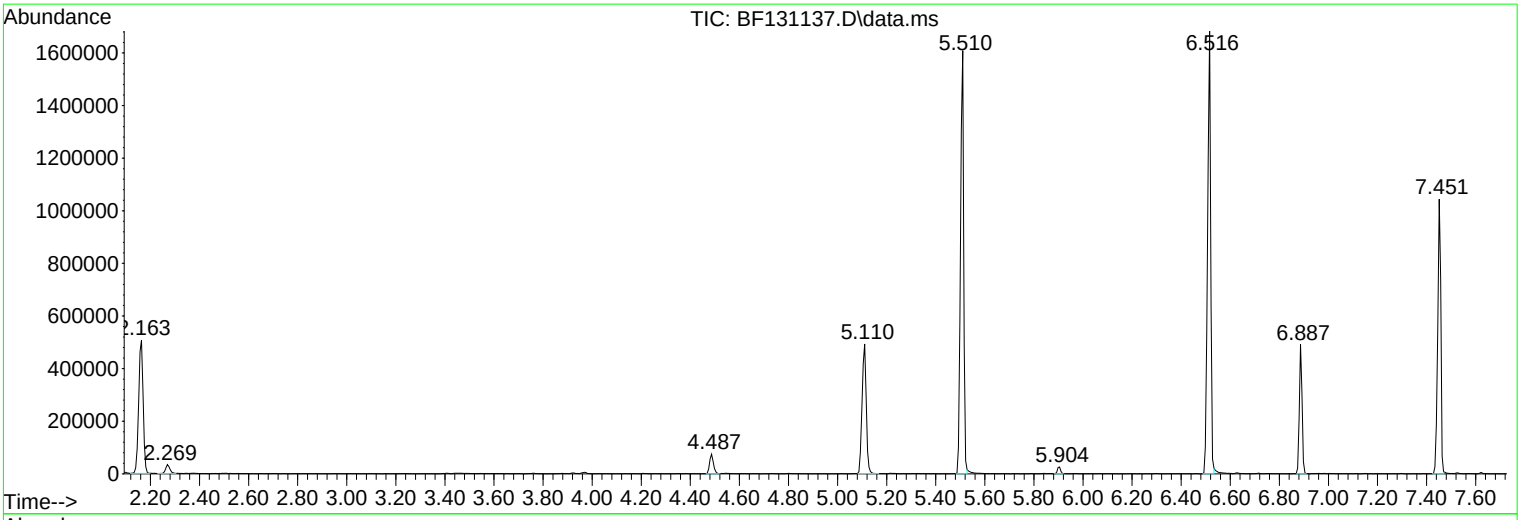
Sum of corrected areas: 14115445

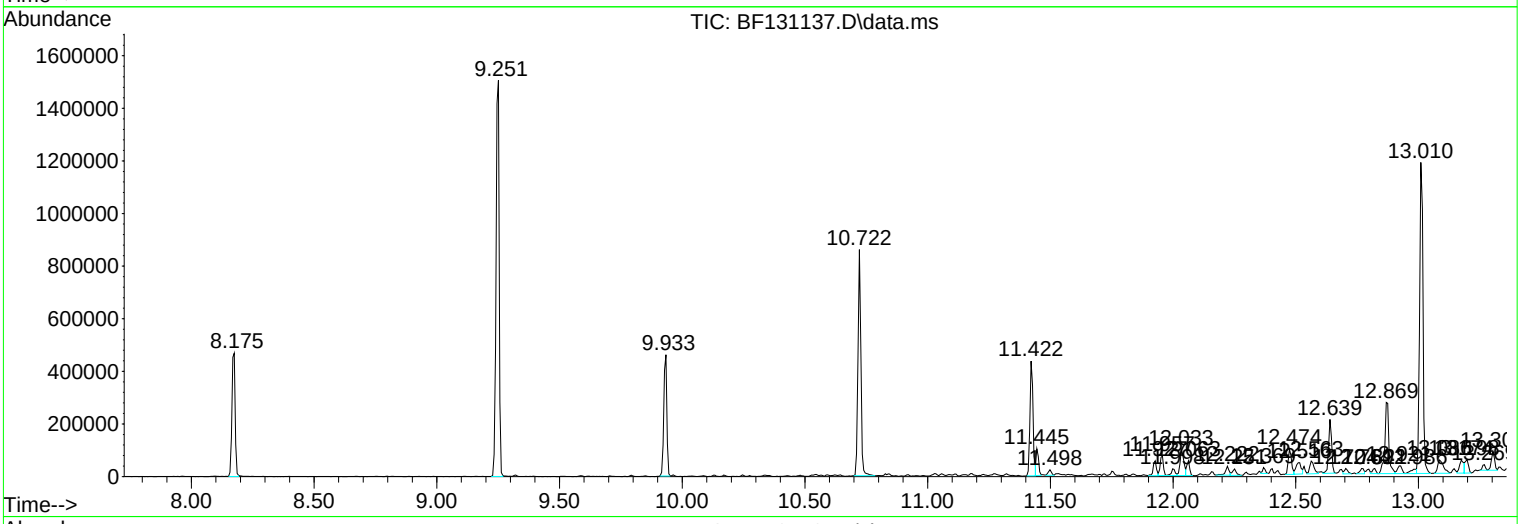
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

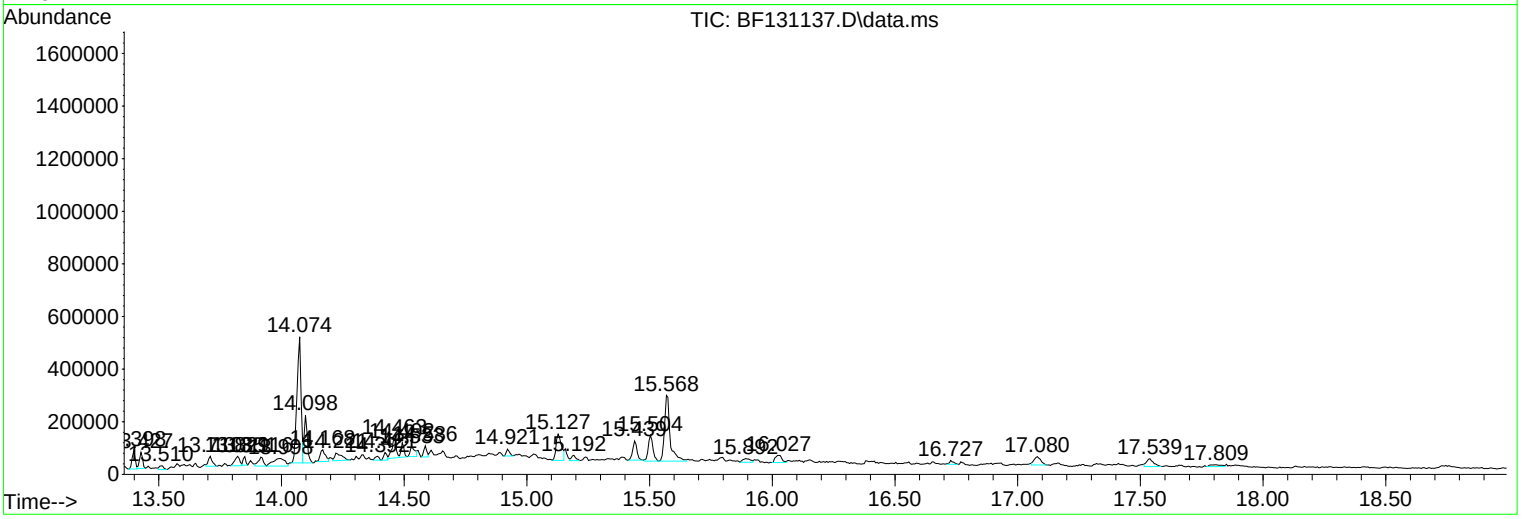
Instrument :
BNA_F
ClientSampleId :
SB-15

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\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

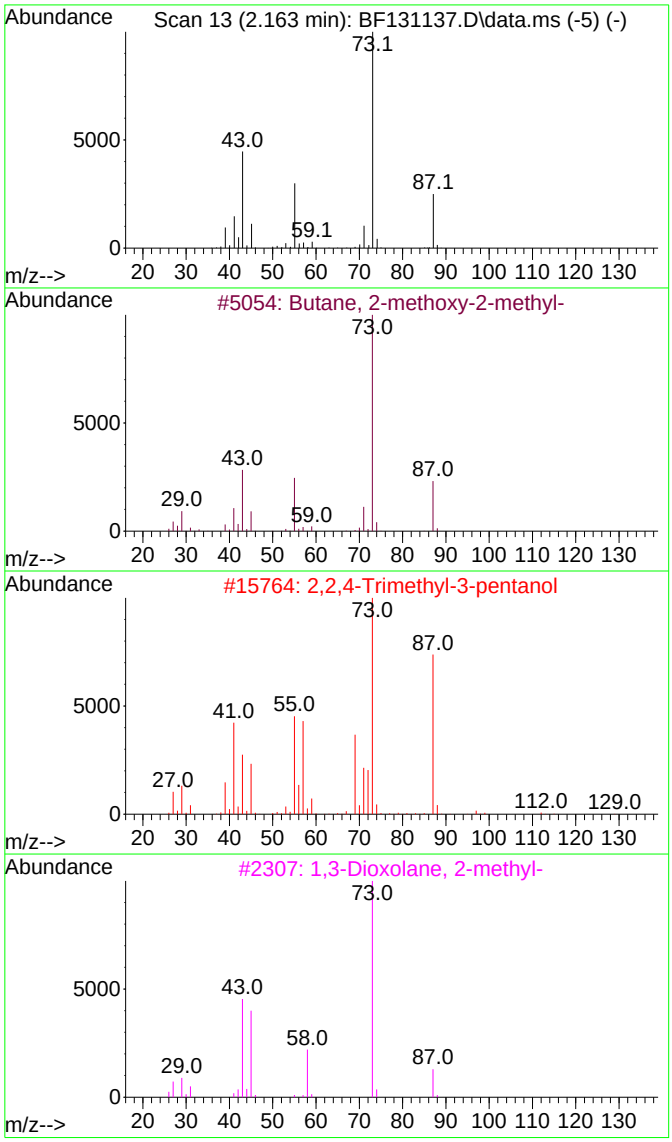
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

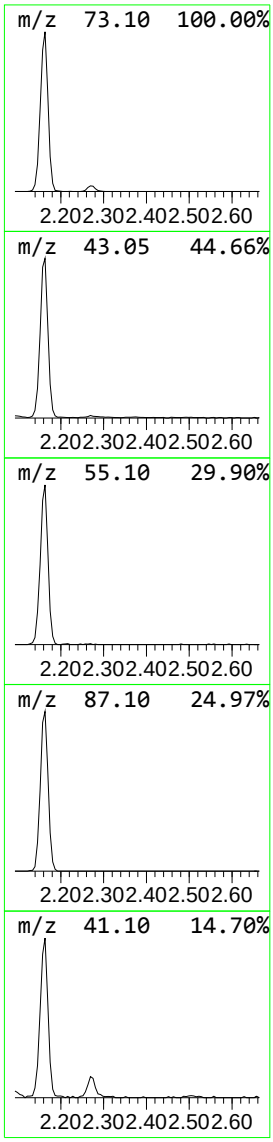
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	33.79 ng	639936	1,4-Dichlorobenzene-d4	6.887

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

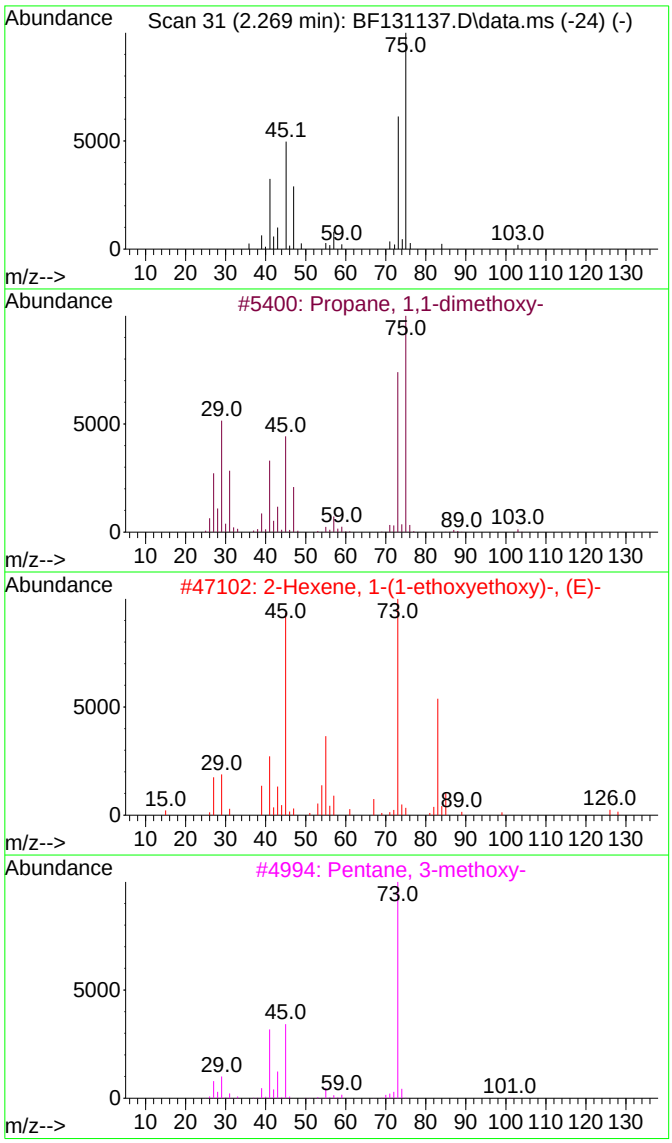
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

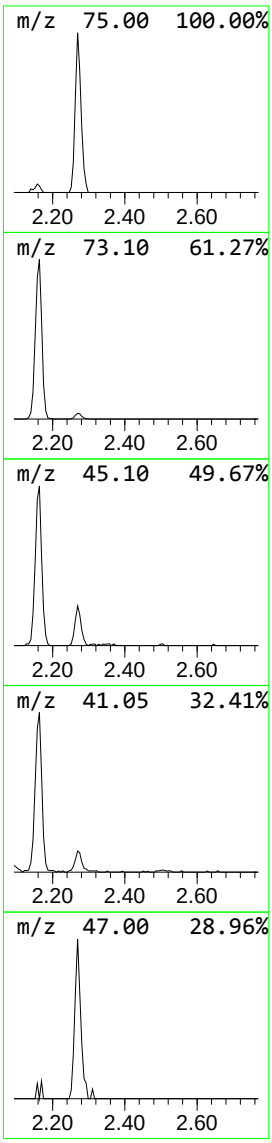
****

Peak Number 2 unknown2.269 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	2.19 ng	41495	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	45
2	2-Hexene, 1-(1-ethoxyethoxy)-, (E)-	172	C10H20O2	054484-66-1	12
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

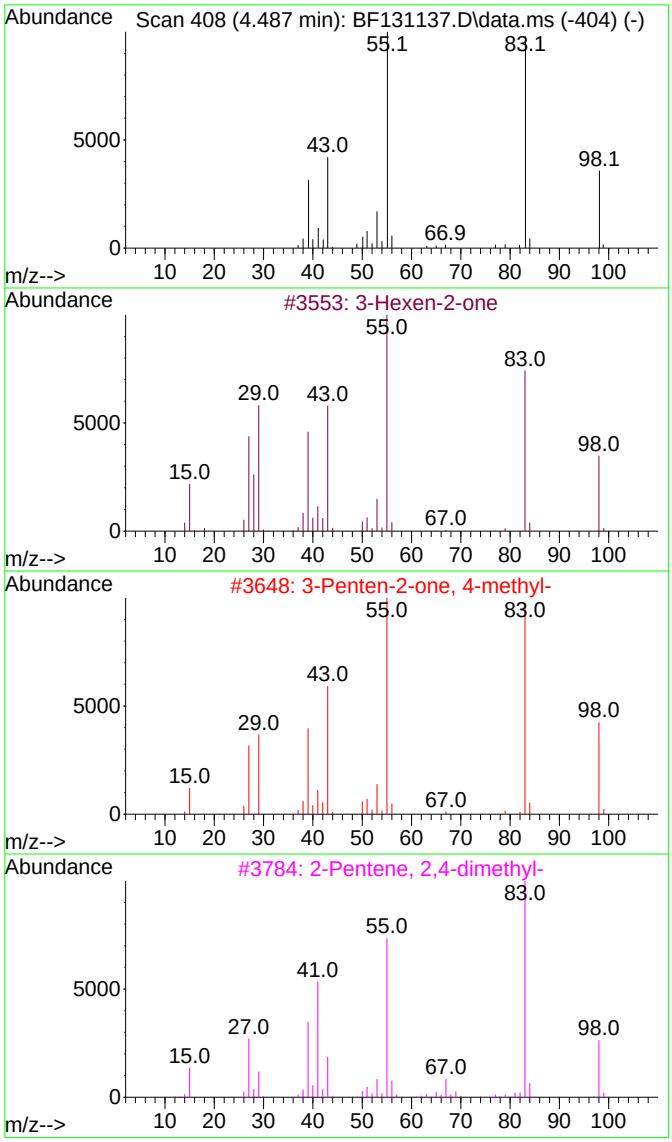
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

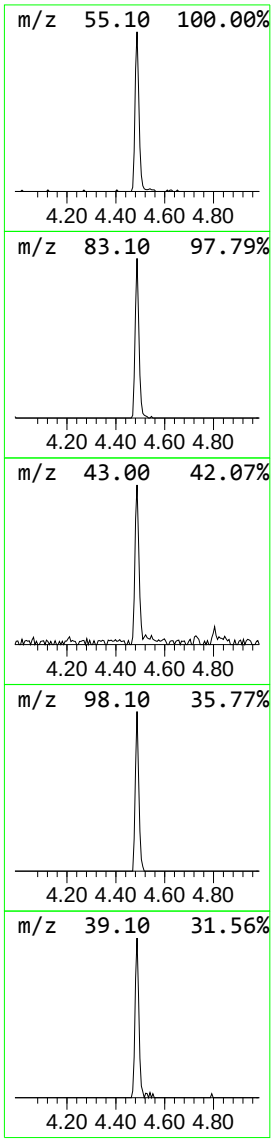
****

Peak Number 3 3-Hexen-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.487	4.32 ng	81824	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

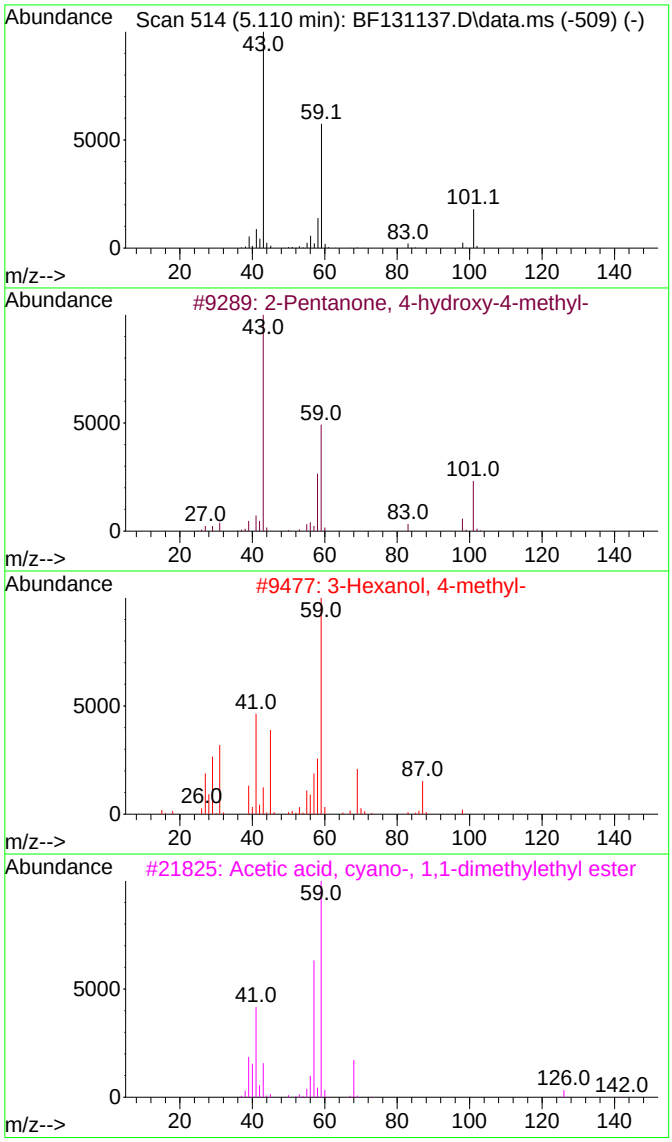
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

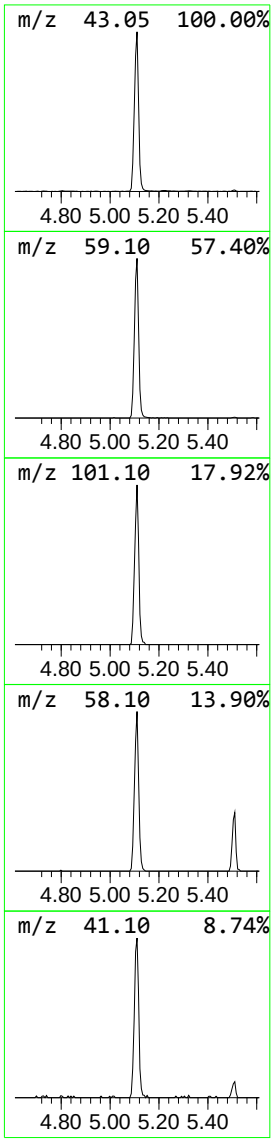
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	30.90 ng	585174	1,4-Dichlorobenzene-d4	6.887

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	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

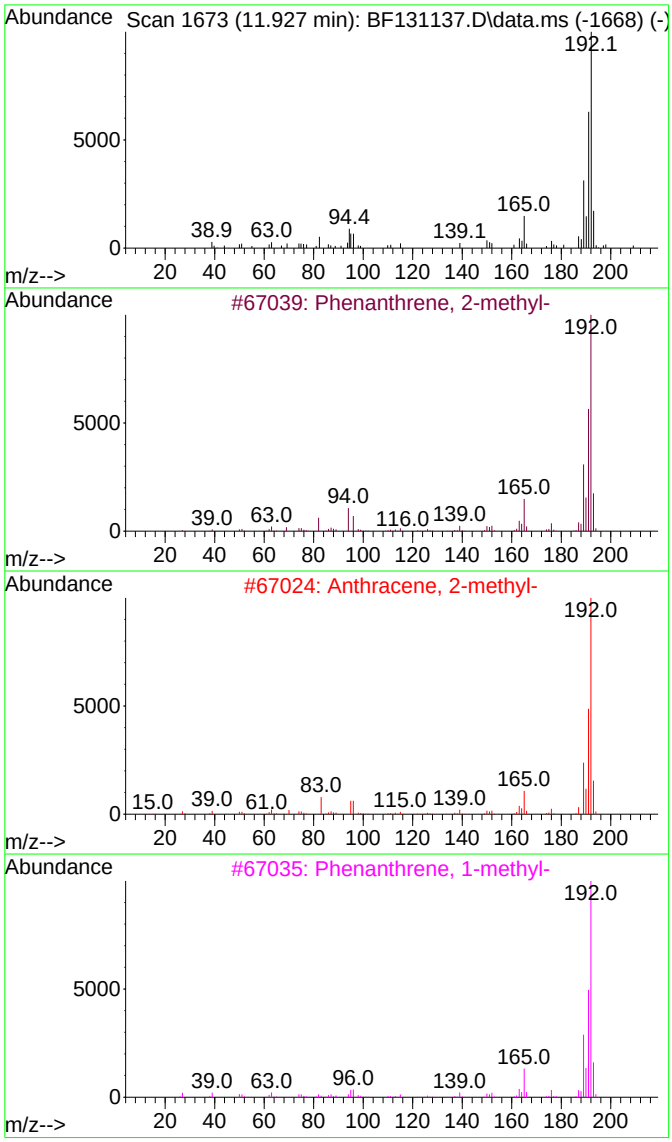
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

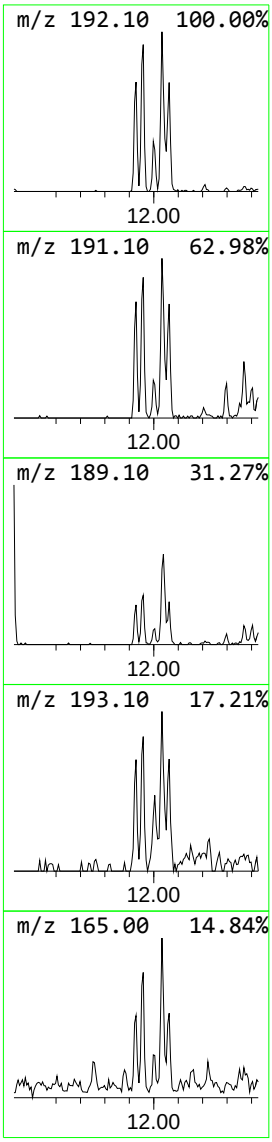
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.72 ng	51901	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

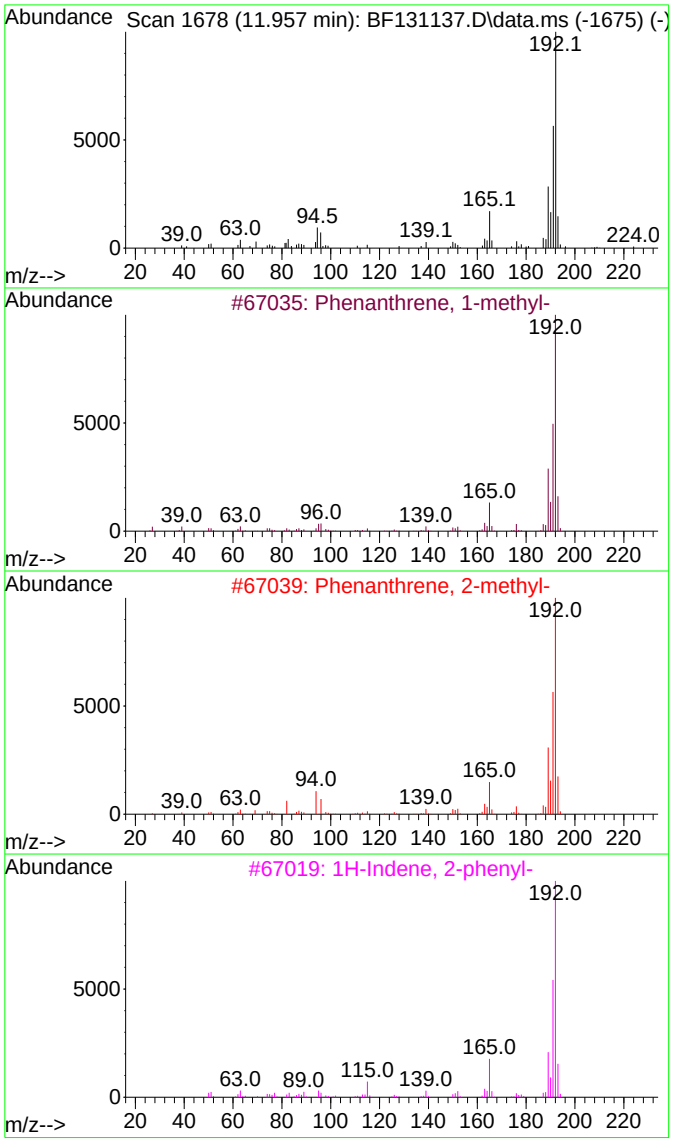
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

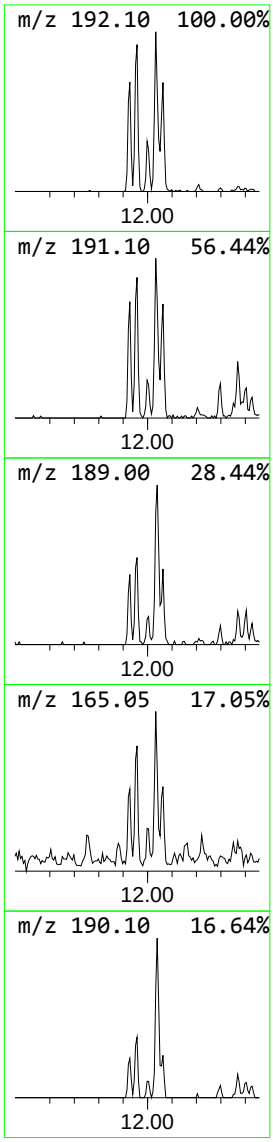
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.54 ng	67549	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

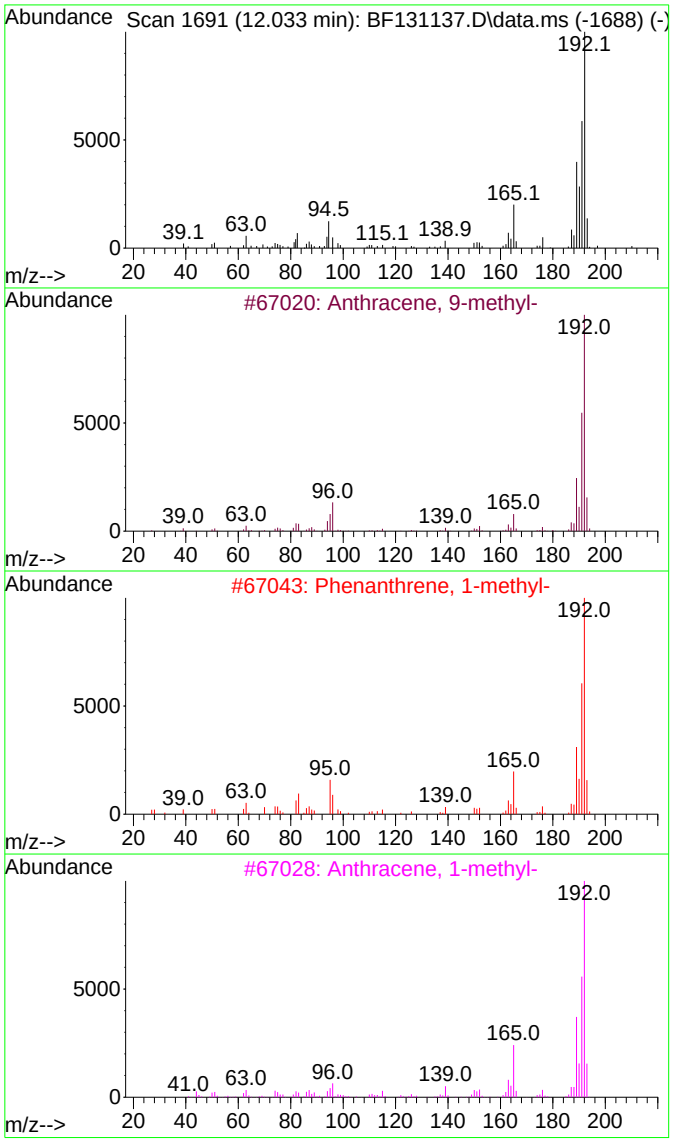
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

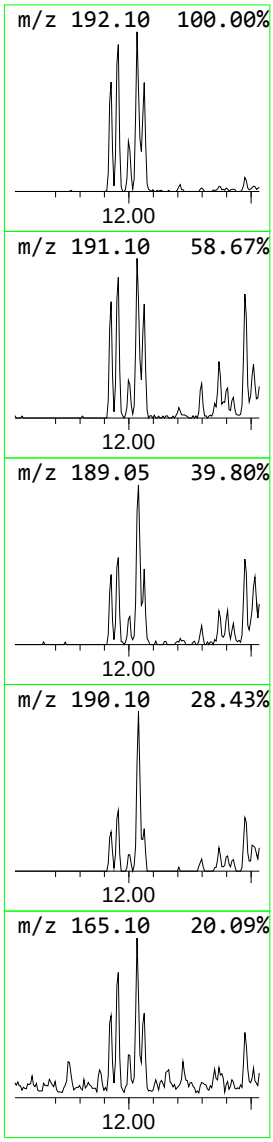
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	5.47 ng	104306	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

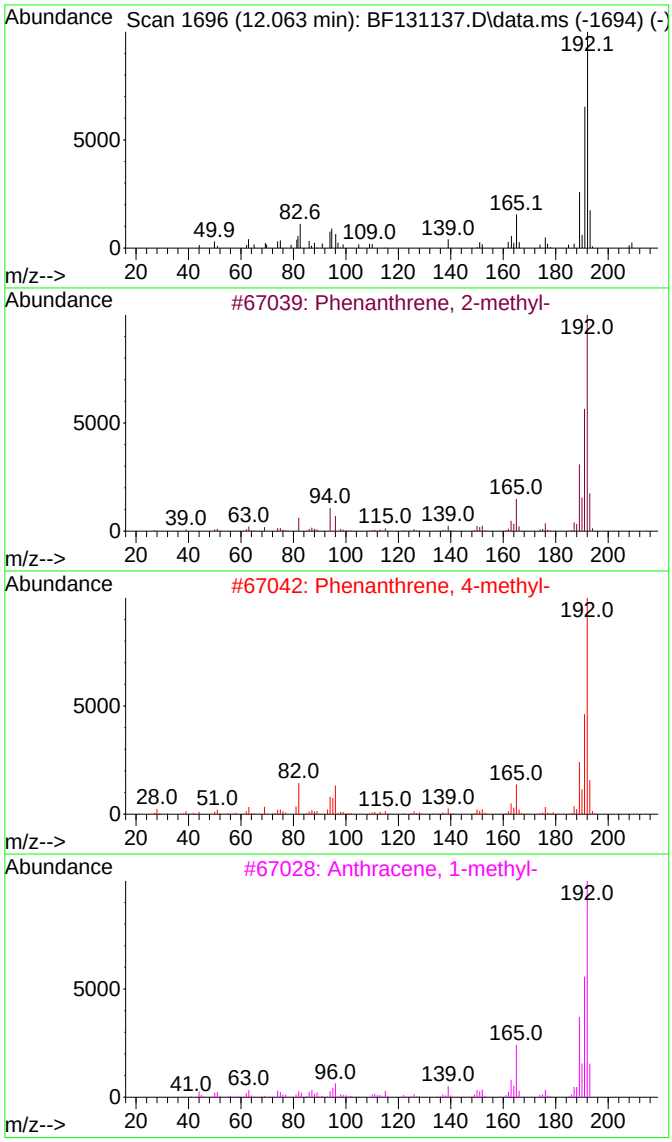
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

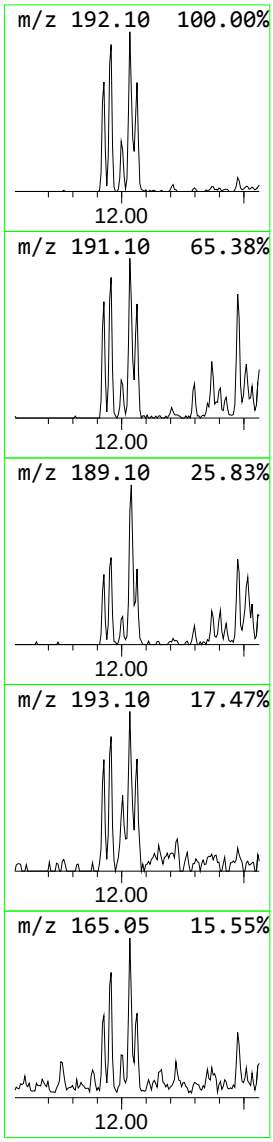
****

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.22 ng	42362	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

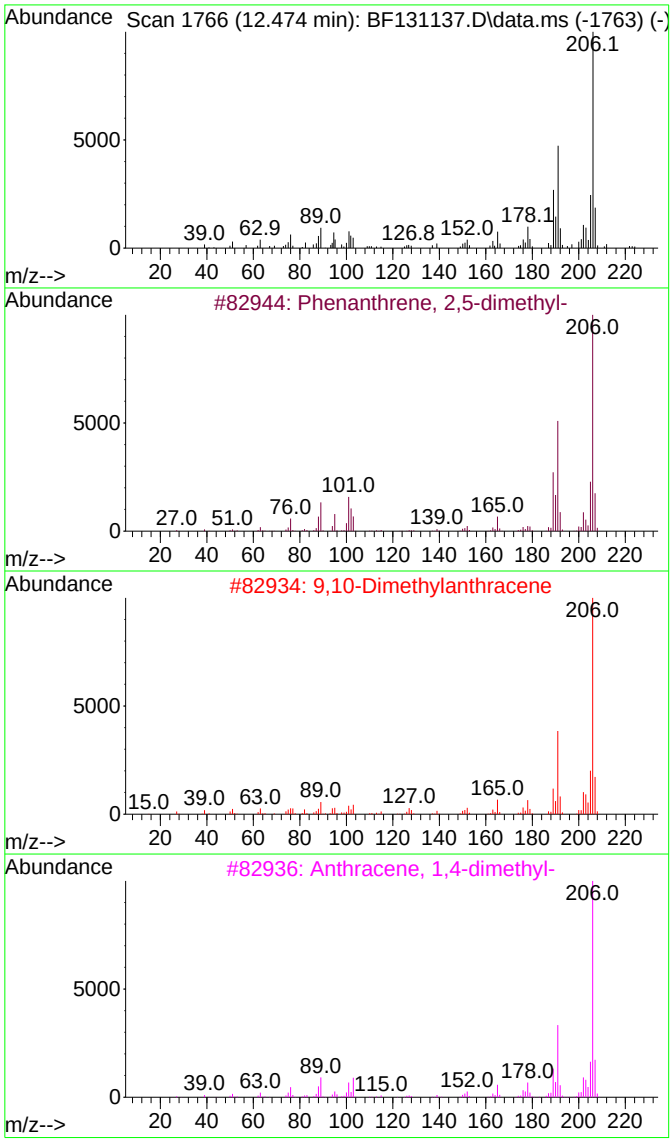
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

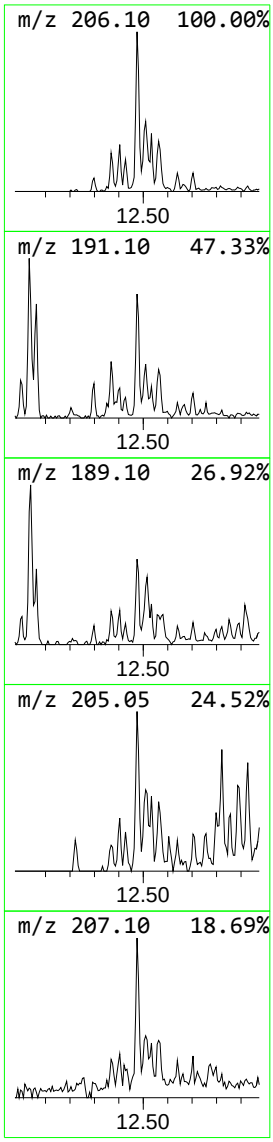
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	4.80 ng	91536	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

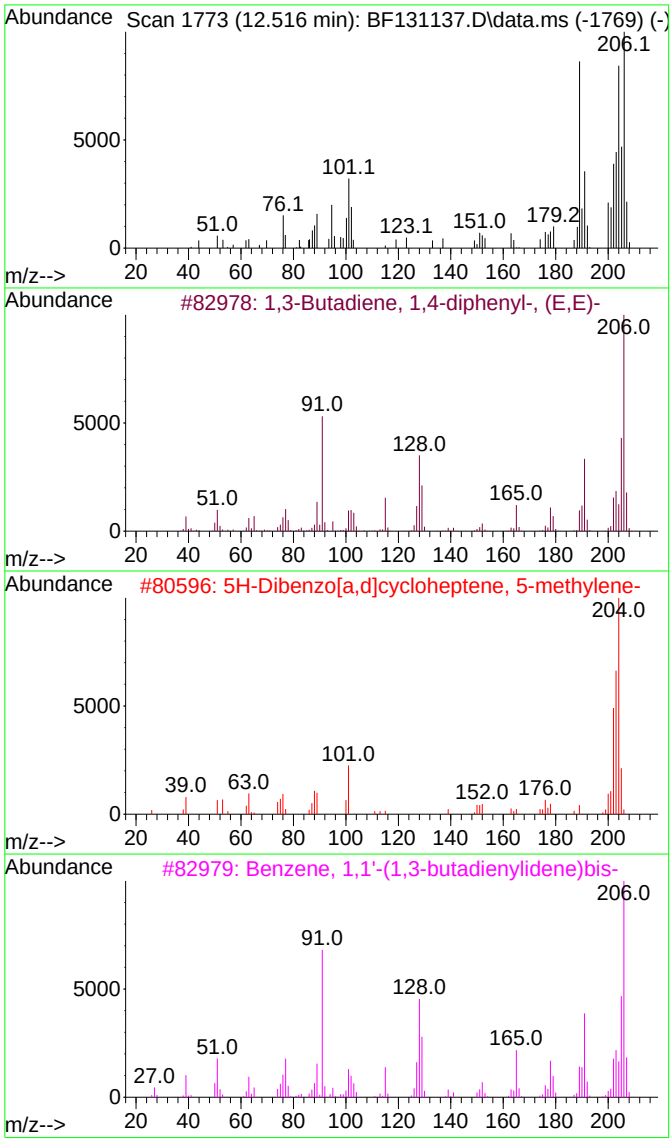
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

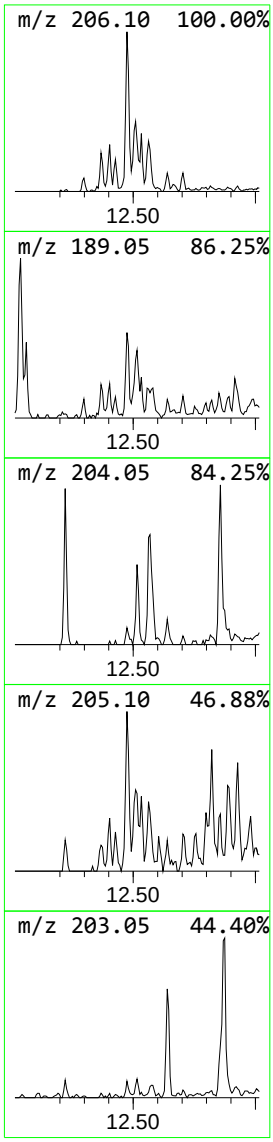
****

Peak Number 10 unknown12.516 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	3.33 ng	63571	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	43
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	42
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	41
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

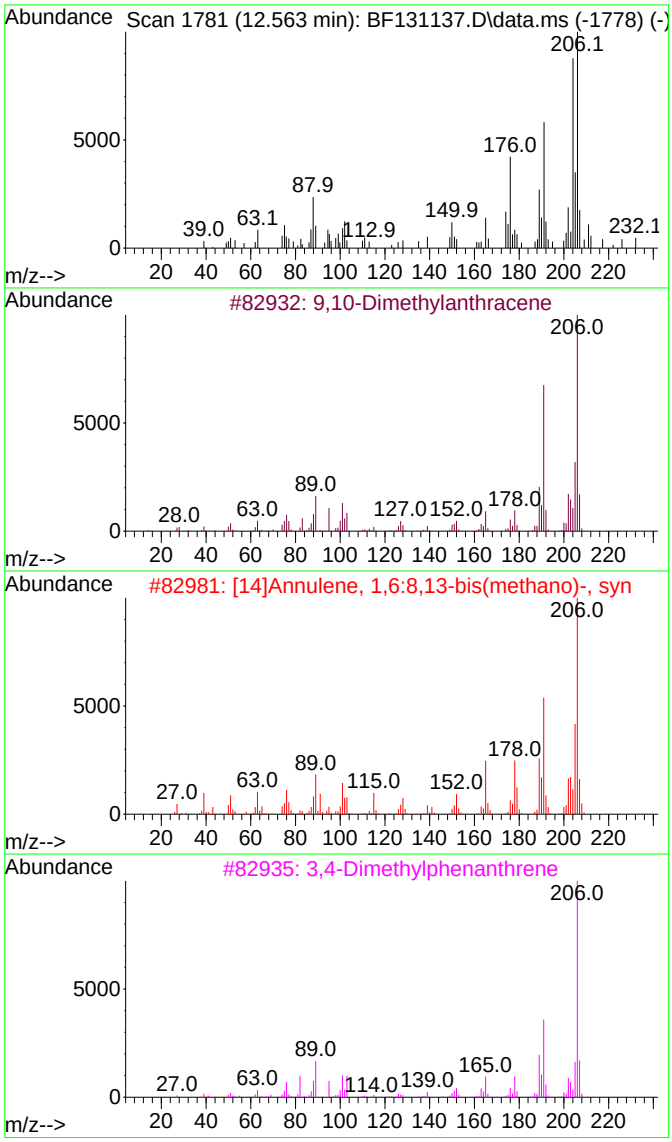
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

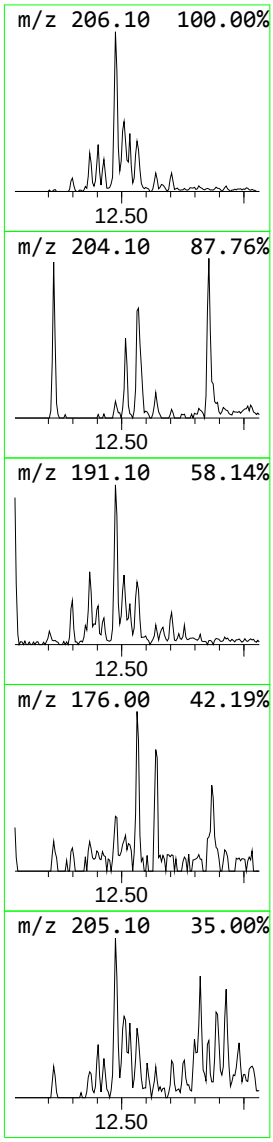
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	3.12 ng	59513	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	50
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

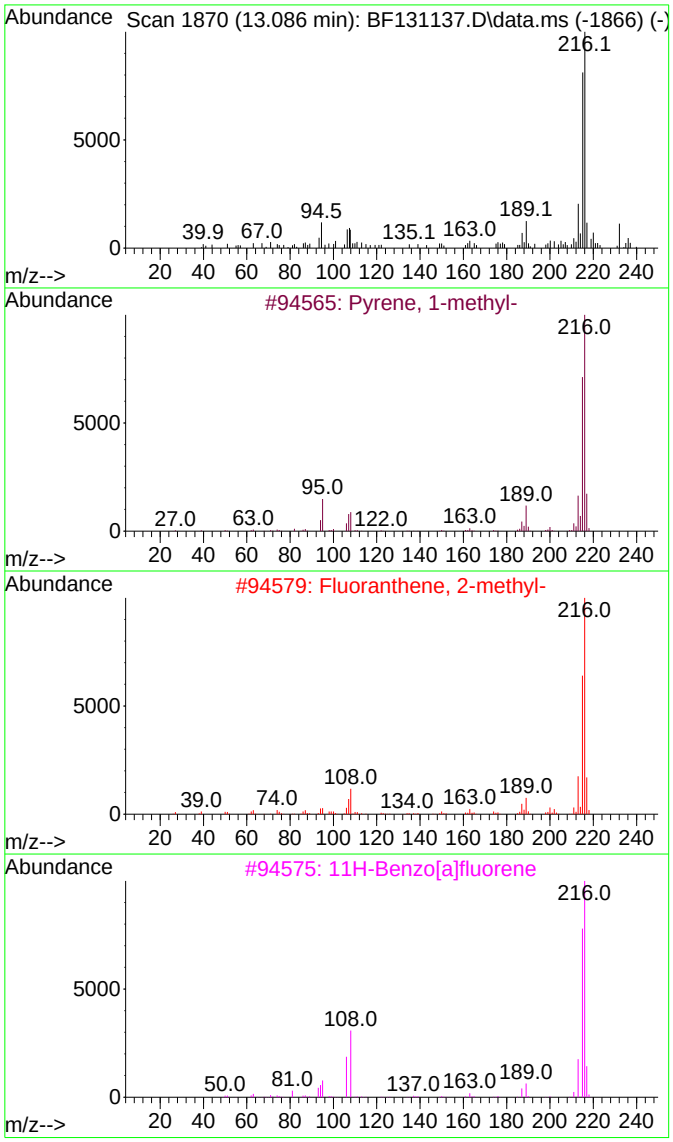
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

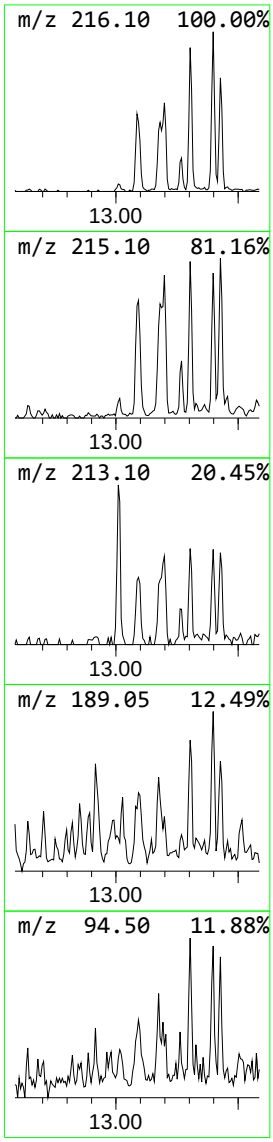
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.04 ng	85496	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

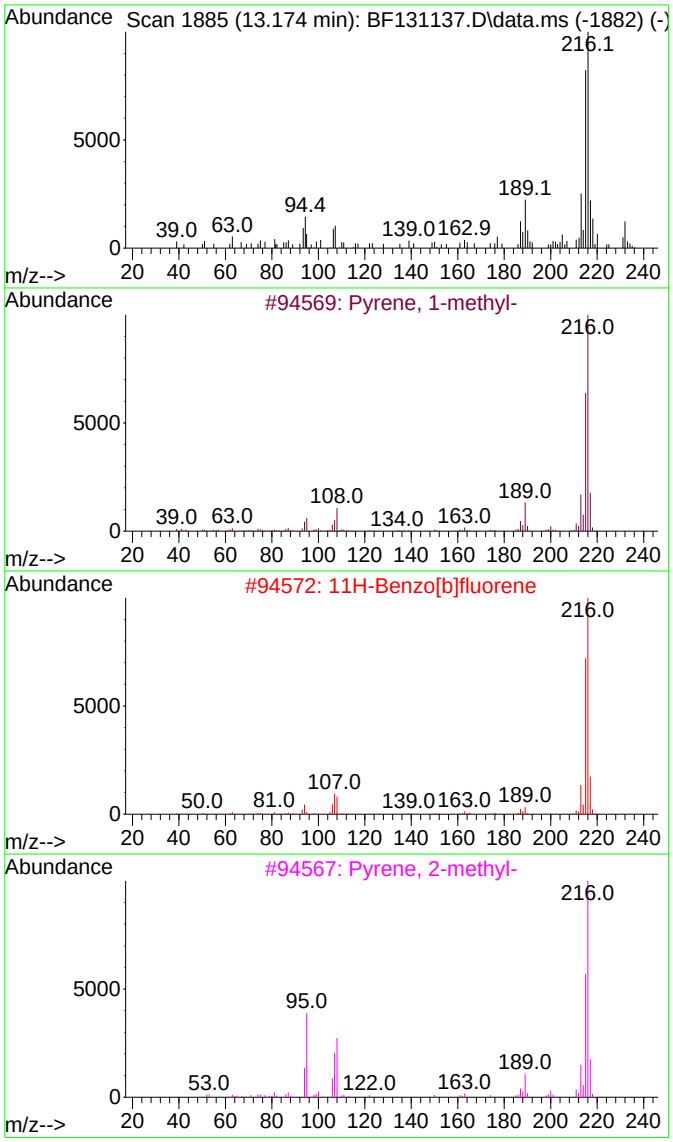
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

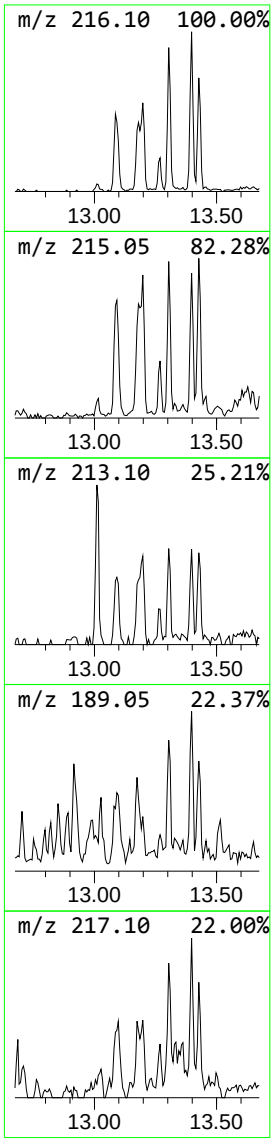
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.20 ng	61856	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

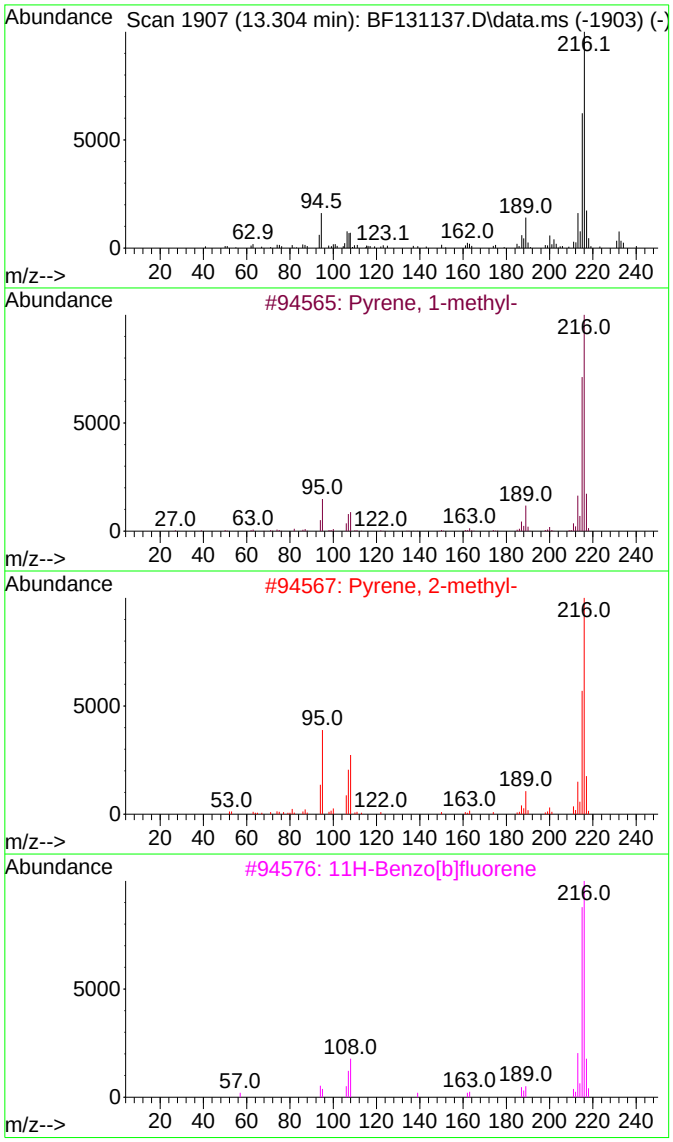
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

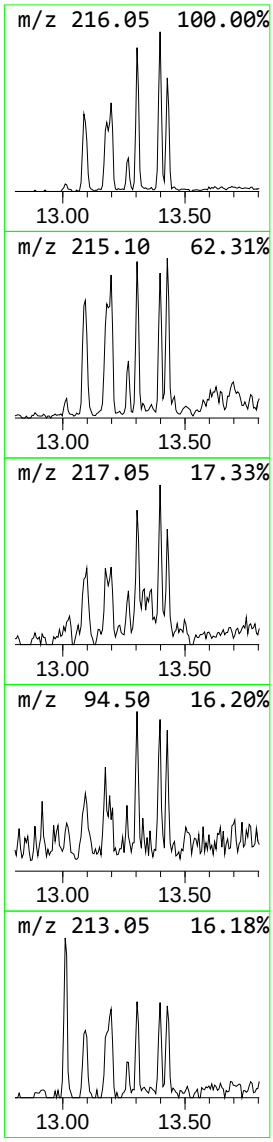
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	2.30 ng	64592	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

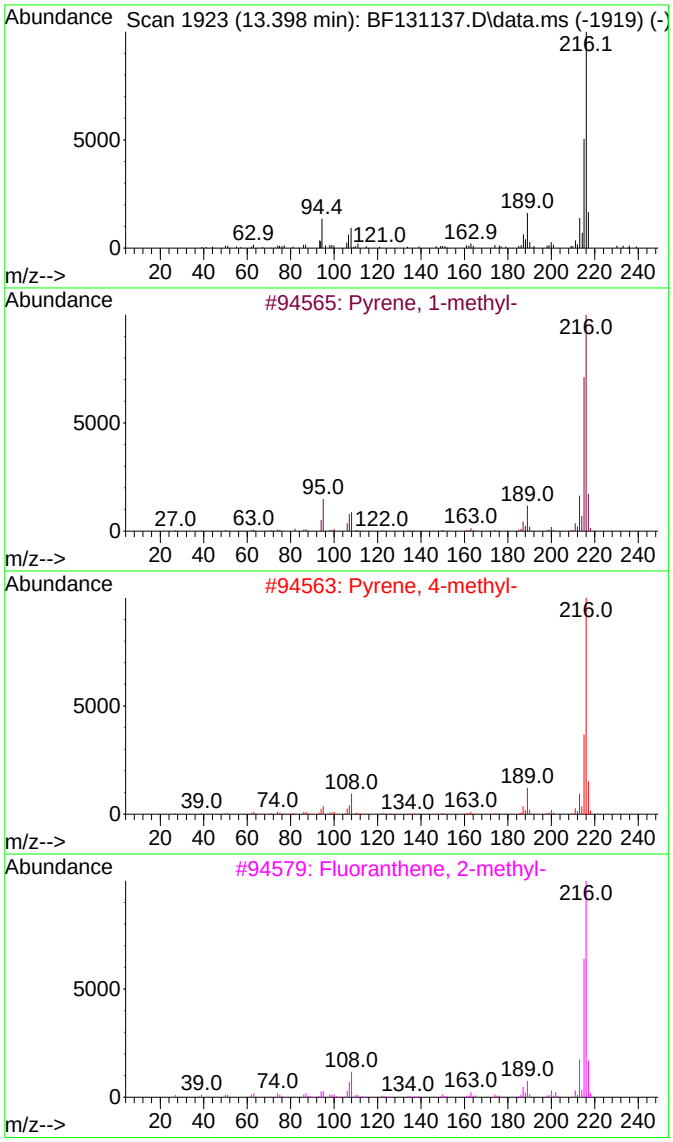
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

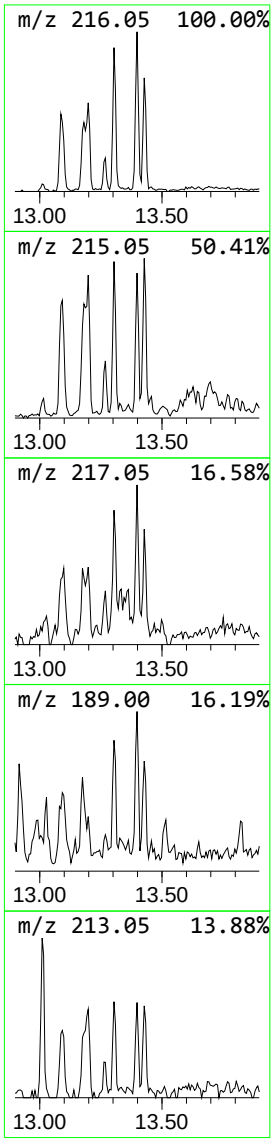
****

Peak Number 15 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.398	2.07 ng	58126	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

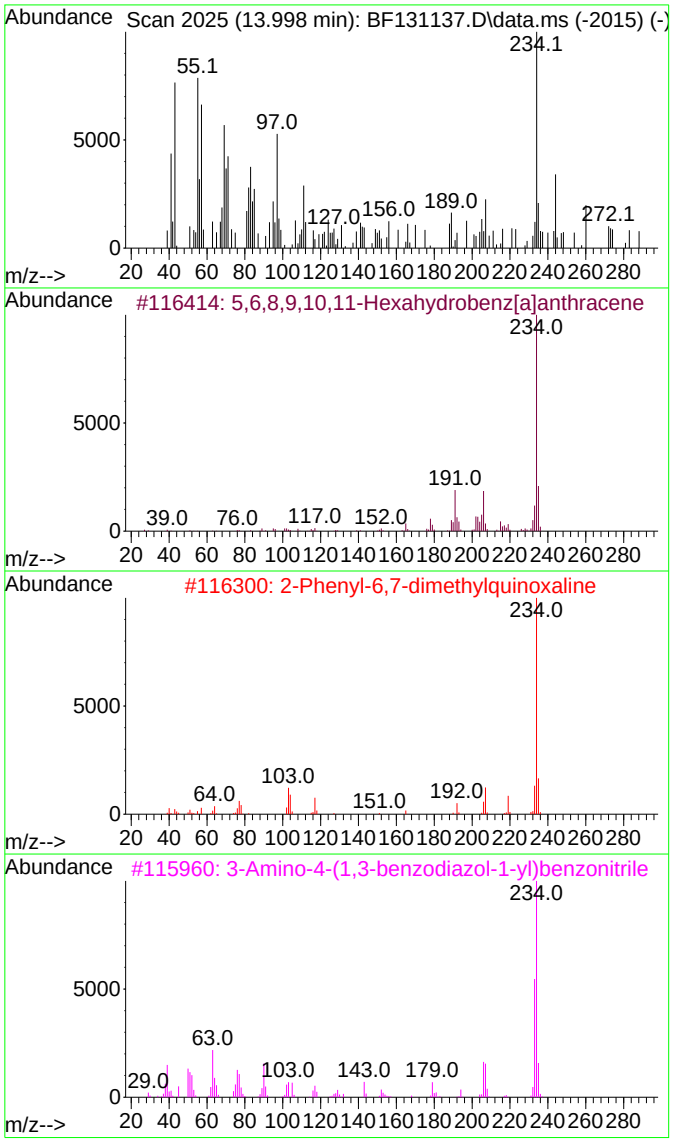
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

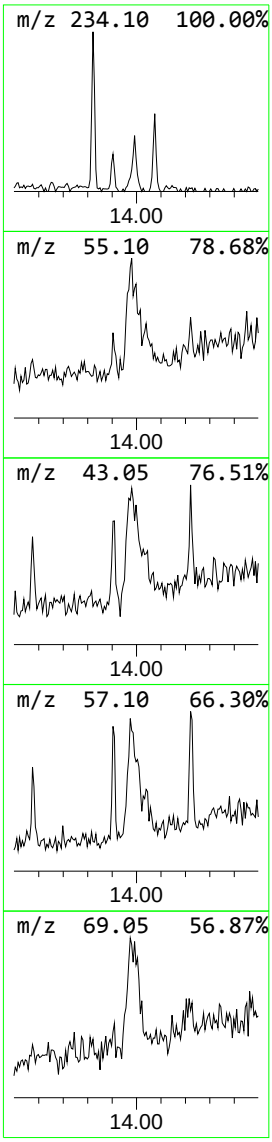
****

Peak Number 16 unknown13.998 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.998	3.57 ng	100257	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	46
2	2-Phenyl-6,7-dimethylquinoxaline	234	C16H14N2	071897-07-9	38
3	3-Amino-4-(1,3-benzodiazol-1-yl)...	234	C14H10N4	1010444-00-7	38
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	38
5	1,2,3,4,5,6-Hexahydrochrysene	234	C18H18	002091-91-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

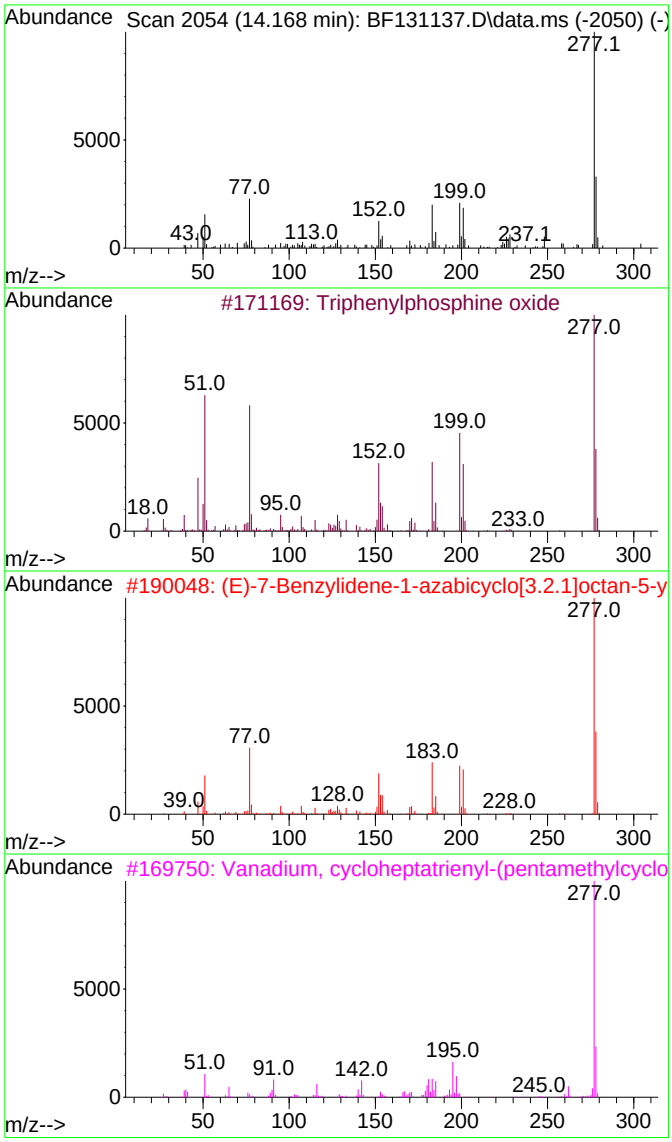
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

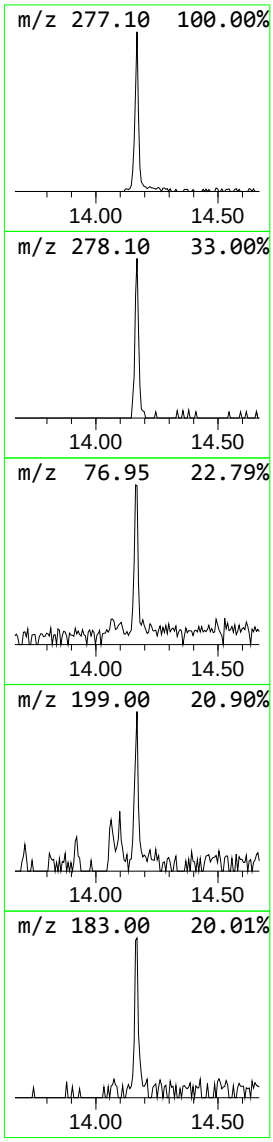
****

Peak Number 17 Triphenylphosphine oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	2.40 ng	67365	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
5	Furo[3,2-c]quinoline, 8-bromo-2,...	277	C13H12BrNO	1000310-92-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

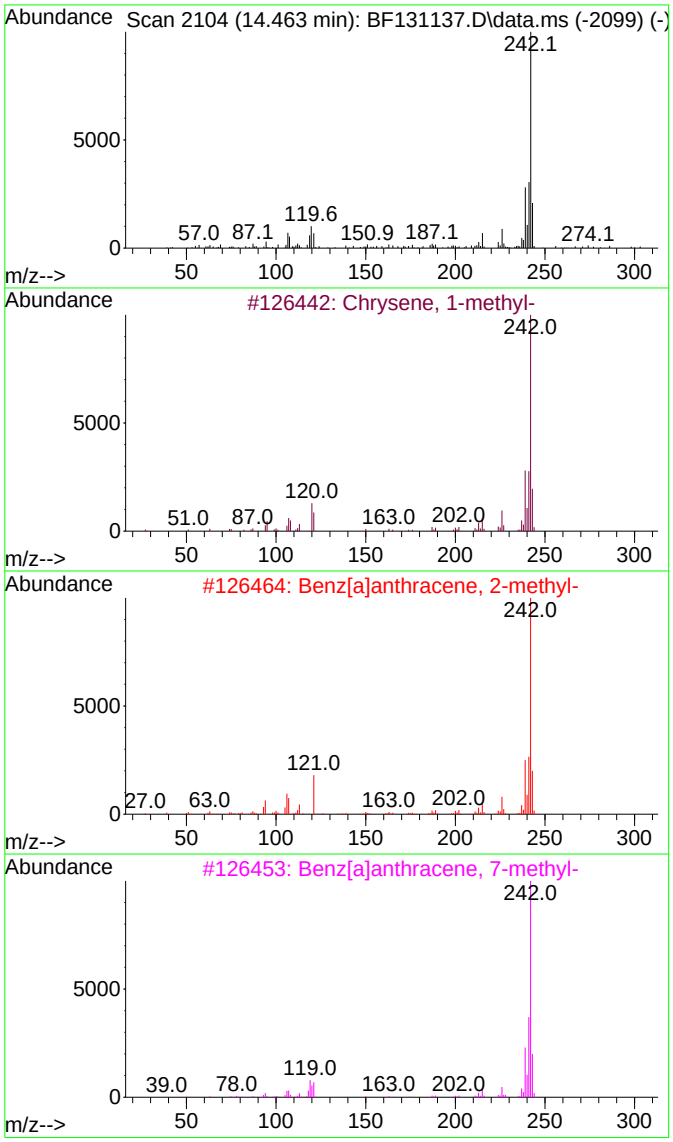
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

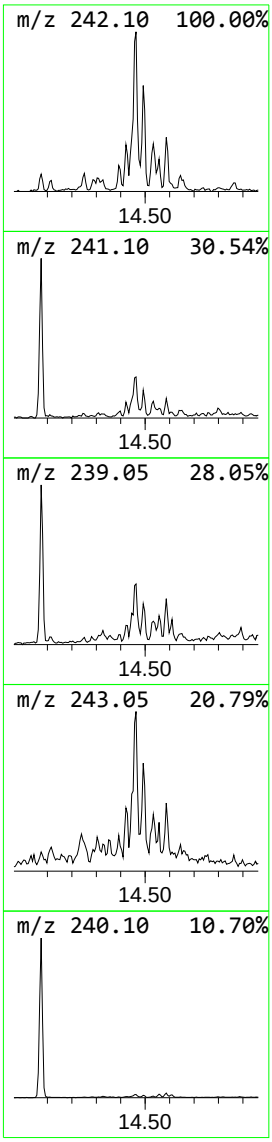
****

Peak Number 18 Chrysene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	3.41 ng	95975	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
4	2-Methylchrysene	242	C19H14	003351-32-4	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

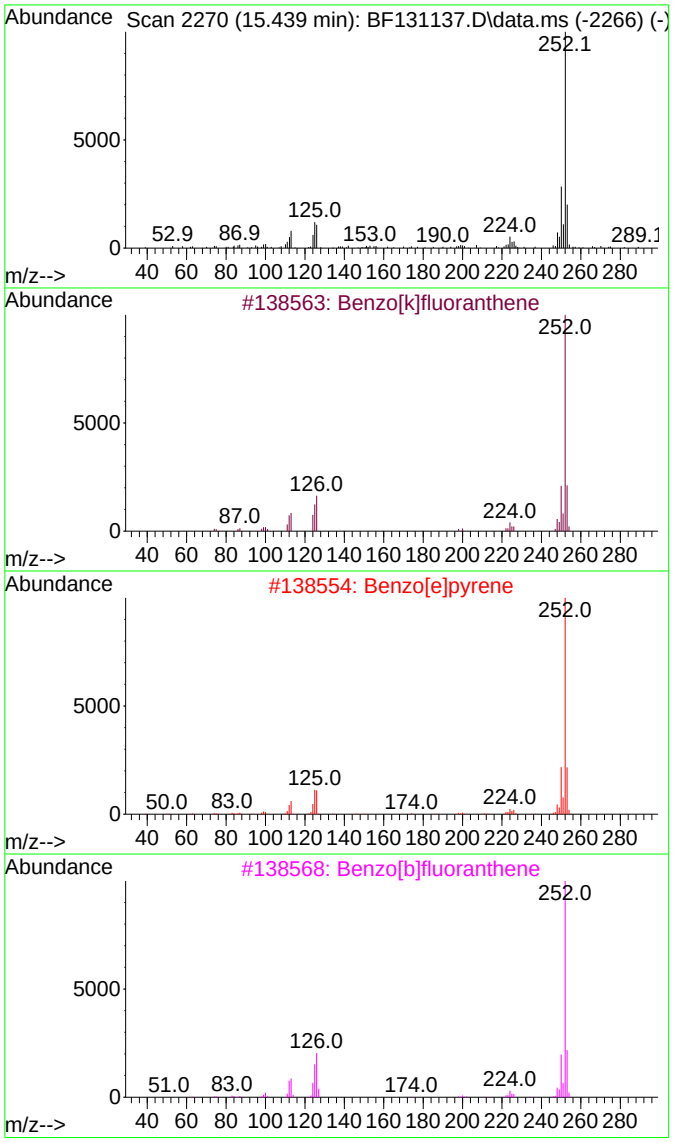
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

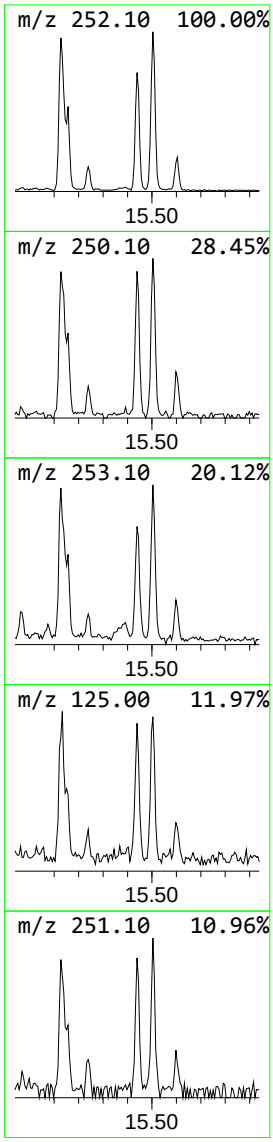
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	4.46 ng	88576	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

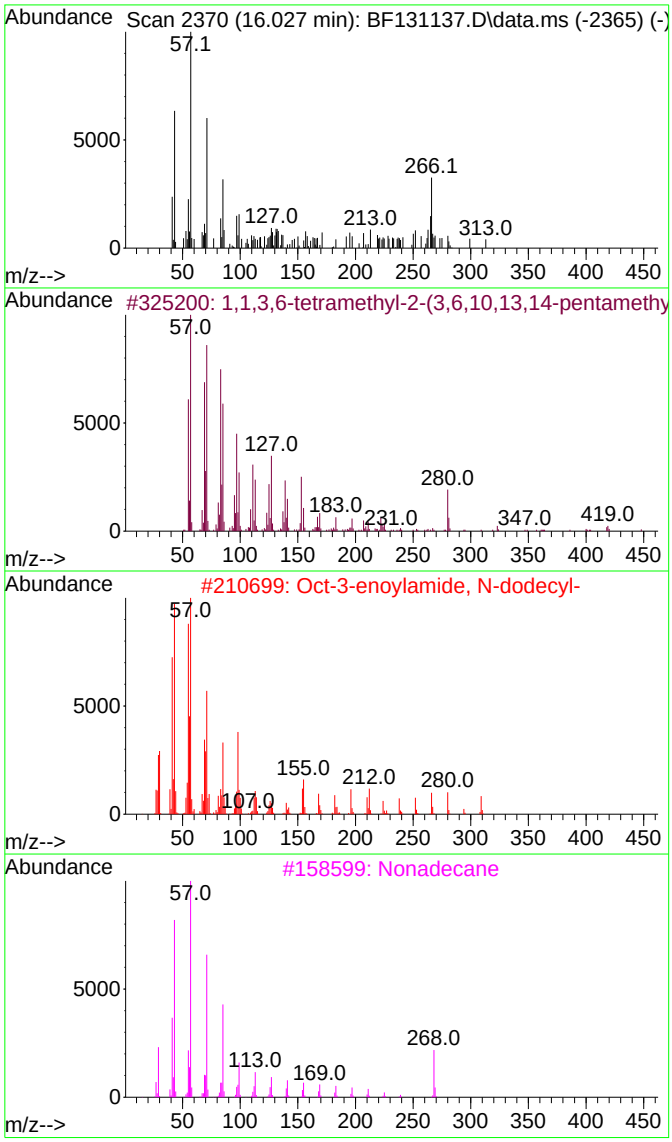
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

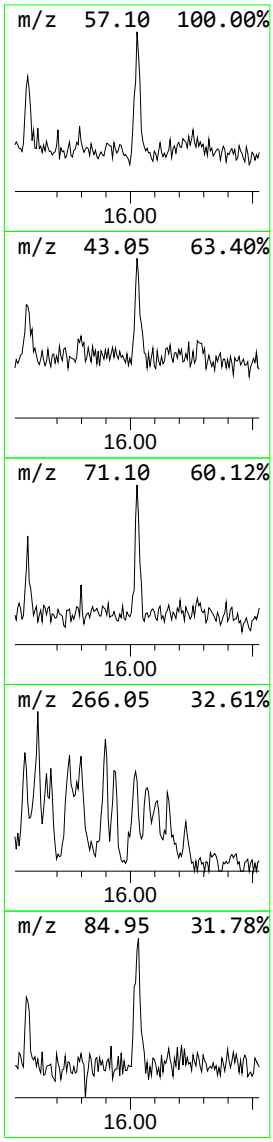
****

Peak Number 20 unknown16.027 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.027	2.62 ng	52107	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,6-tetramethyl-2-(3,6,10,13...	449	C32H64	1010373-94-3	43
2	Oct-3-enoylamide, N-dodecyl-	309	C20H39NO	1000420-41-7	37
3	Nonadecane	268	C19H40	000629-92-5	37
4	3,3-Diethylheptadecane	296	C21H44	1000360-41-6	37
5	15-Methyltritriacontane	479	C34H70	1010131-20-3	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131137.D
Acq On : 10 Nov 2022 22:43
Operator : CG\JU
Sample : N5494-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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...	2.163	33.8	ng	639936	1	6.887	378776	20.0
unknown2.269	2.269	2.2	ng	41495	1	6.887	378776	20.0
3-Hexen-2-one	4.487	4.3	ng	81824	1	6.887	378776	20.0
2-Pentanone, 4-...	5.110	30.9	ng	585174	1	6.887	378776	20.0
Phenanthrene, 2...	11.927	2.7	ng	51901	4	11.422	381496	20.0
Phenanthrene, 1...	11.957	3.5	ng	67549	4	11.422	381496	20.0
Anthracene, 9-m...	12.033	5.5	ng	104306	4	11.422	381496	20.0
Phenanthrene, 4...	12.063	2.2	ng	42362	4	11.422	381496	20.0
Phenanthrene, 2...	12.475	4.8	ng	91536	4	11.422	381496	20.0
unknown12.516	12.516	3.3	ng	63571	4	11.422	381496	20.0
9,10-Dimethylan...	12.563	3.1	ng	59513	4	11.422	381496	20.0
Pyrene, 1-methyl-	13.086	3.0	ng	85496	5	14.074	562277	20.0
11H-Benzo[b]flu...	13.174	2.2	ng	61856	5	14.074	562277	20.0
Pyrene, 2-methyl-	13.304	2.3	ng	64592	5	14.074	562277	20.0
Pyrene, 4-methyl-	13.398	2.1	ng	58126	5	14.074	562277	20.0
unknown13.998	13.998	3.6	ng	100257	5	14.074	562277	20.0
Triphenylphosph...	14.169	2.4	ng	67365	5	14.074	562277	20.0
Chrysene, 1-met...	14.463	3.4	ng	95975	5	14.074	562277	20.0
Benzo[e]pyrene	15.439	4.5	ng	88576	6	15.568	397061	20.0
unknown16.027	16.027	2.6	ng	52107	6	15.568	397061	20.0