LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.157	482	488	495	rVB	32646	42963	1.56%	0.186%
2	5.539	548	553	556	rBV	2482198	2230645	80.92%	9.648%
3	6.539	717	723	726	rBV	2269940	2392700	86.80%	10.349%
4	6.734	753	756	762	rBV	44150	42651	1.55%	0.184%
5	6.916	783	787	790	rBV	705444	542345	19.68%	2.346%
6	7.481	877	883	886	rBV	1684505	1628731	59.09%	7.044%
7	8.092	983	987	995	rBV	136173	140367	5.09%	0.607%
8	8.198	1000	1005	1008	rBV	911465	735997	26.70%	3.183%
9	9.275	1182	1188	1191	rBV	3316350	2756442	100.00%	11.922%
10	9.957	1300	1304	1307	rVB	885366	793704	28.79%	3.433%
11	10.374	1372	1375	1377	rVB2	30534	32846	1.19%	0.142%
12	10.745	1434	1438	1441	rBV	1538407	1384274	50.22%	5.987%
13	11.051	1483	1490	1492	rBV5	30541	41225	1.50%	0.178%
14	11.292	1526	1531	1534	rBV2	33111	40957	1.49%	0.177%
15	11.445	1553	1557	1559	rBV	937079	793127	28.77%	3.430%
16	11.469	1559	1561	1564	rVV	503354	381221	13.83%	1.649%
17	11.516	1566	1569	1572	rVB	56001	52361	1.90%	0.226%
18	11.616	1581	1586	1589	rVB4	25603	38379	1.39%	0.166%
19	11.739	1602	1607	1610	rBV2	52268	53350	1.94%	0.231%
20	11.774	1610	1613	1616	rVB	75324	62959	2.28%	0.272%
21	11.827	1618	1622	1624	rBV2	73966	65994	2.39%	0.285%
22	11.898	1630	1634	1637	rBV2	31340	35103	1.27%	0.152%
23	11.945	1637	1642	1644	rVV	260685	227853	8.27%	0.985%
24	11.974	1644	1647	1650	rVV	251868	229390	8.32%	0.992%
25	12.021	1651	1655	1657	rBV	50275	45491	1.65%	0.197%
26	12.051	1657	1660	1663	rVV2	268414	301936	10.95%	1.306%
27	12.080	1663	1665	1668	rVB	197592	151299	5.49%	0.654%
28	12.239	1689	1692	1694	rBV	138253	111686	4.05%	0.483%
29	12.263	1694	1696	1702	rVB2	103320	101669	3.69%	0.440%
30	12.386	1715	1717	1720	rBV2	55551	44243	1.61%	0.191%
31	12.416	1720	1722	1725	rVB2	52336	39580	1.44%	0.171%
32	12.492	1732	1735	1738	rBV	155128	161700	5.87%	0.699%
33	12.527	1738	1741	1744	rVV3	83198	114794	4.16%	0.496%
34	12.580	1747	1750	1754	rBV2	115113	124301	4.51%	0.538%
35	12.657	1760	1763	1767	rVB	593029	476886	17.30%	2.063%
36	12.698	1767	1770	1772	rBV	36168	34315	1.24%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
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Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.721	1772	1774	1778	rVB3	39864	37244	1.35%	0.161%
38	12.786	1781	1785	1787	rBV2	59015	60786	2.21%	0.263%
39	12.839	1792	1794	1797	rVV2	52604	43156	1.57%	0.187%
40	12.892	1797	1803	1808	rVV	712871	784868	28.47%	3.395%
41	12.939	1808	1811	1814	rVB2	41624	50281	1.82%	0.217%
42	13.033	1822	1827	1830	rBV	2141689	1946168	70.60%	8.417%
43	13.104	1833	1839	1846	rBV2	95364	152535	5.53%	0.660%
44	13.192	1851	1854	1855	rVV2	72814	77137	2.80%	0.334%
45	13.215	1855	1858	1861	rVB	86574	97678	3.54%	0.422%
46	13.280	1866	1869	1872	rBV	40699	32504	1.18%	0.141%
47	13.321	1872	1876	1878	rBV	117347	107264	3.89%	0.464%
48	13.410	1888	1891	1894	rBV	87721	75133	2.73%	0.325%
49	13.439	1894	1896	1900	rVB	80980	76130	2.76%	0.329%
50	13.721	1938	1944	1949	rBV	78504	95276	3.46%	0.412%
51	13.833	1957	1963	1966	rBV2	65375	101749	3.69%	0.440%
52	13.862	1966	1968	1970	rVV	63211	46420	1.68%	0.201%
53	13.927	1975	1979	1990	rVV3	79969	192059	6.97%	0.831%
54	14.004	1990	1992	1998	rVV5	25319	43903	1.59%	0.190%
55	14.086	2000	2006	2008	rVV2	496448	647154	23.48%	2.799%
56	14.110	2008	2010	2017	rVB	243948	240195	8.71%	1.039%
57	14.468	2067	2071	2075	rBV	73797	78719	2.86%	0.340%
58	14.504	2075	2077	2080	rVB	54803	46963	1.70%	0.203%
59	14.598	2090	2093	2095	rBV	43689	38082	1.38%	0.165%
60	14.668	2101	2105	2108	rVB3	25230	34279	1.24%	0.148%
61	15.139	2180	2185	2189	rBV3	143692	245557	8.91%	1.062%
62	15.251	2200	2204	2207	rBV	30253	34346	1.25%	0.149%
63	15.457	2234	2239	2244	rVB	103544	128813	4.67%	0.557%
64	15.515	2244	2249	2256	rBV	148651	187411	6.80%	0.811%
65	15.586	2256	2261	2265	rBV	353874	470521	17.07%	2.035%
66	15.809	2297	2299	2305	rVB6	22259	32987	1.20%	0.143%
67	16.051	2332	2340	2349	rBV6	20967	63706	2.31%	0.276%
68	16.168	2357	2360	2371	rVB9	14505	32572	1.18%	0.141%
69	16.751	2453	2459	2464	rBV8	13541	32307	1.17%	0.140%
70	16.921	2477	2488	2490	rBV9	14822	44445	1.61%	0.192%
71	17.098	2512	2518	2527	rBV3	51701	106947	3.88%	0.463%
72	17.192	2531	2534	2545	rVB8	15958	33001	1.20%	0.143%
73	17.562	2590	2597	2604	rBV	39971	86272	3.13%	0.373%
74	18.797	2794	2807	2819	rBV	15977	62710	2.28%	0.271%

Sum of corrected areas: 23120762

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
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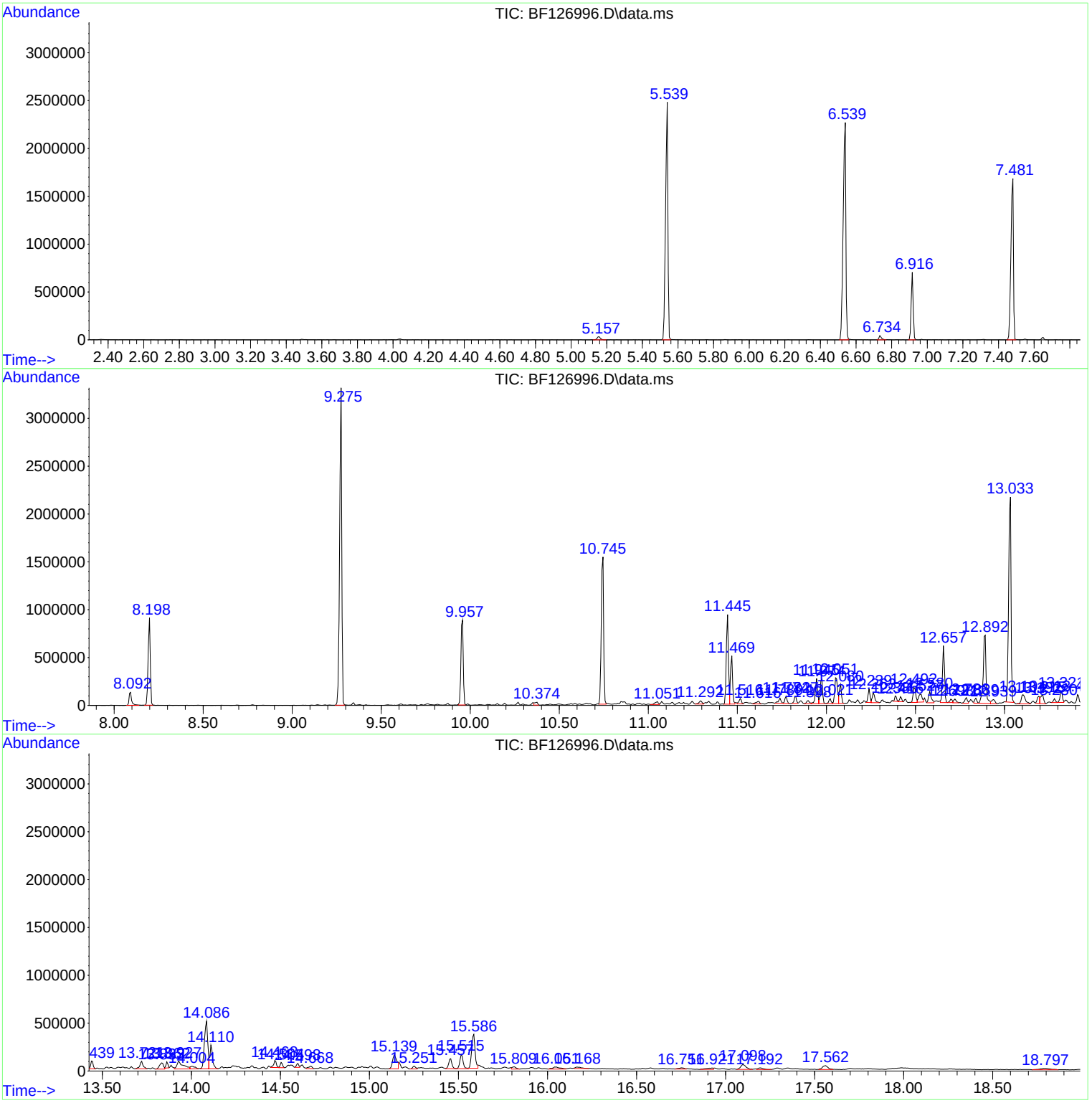
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

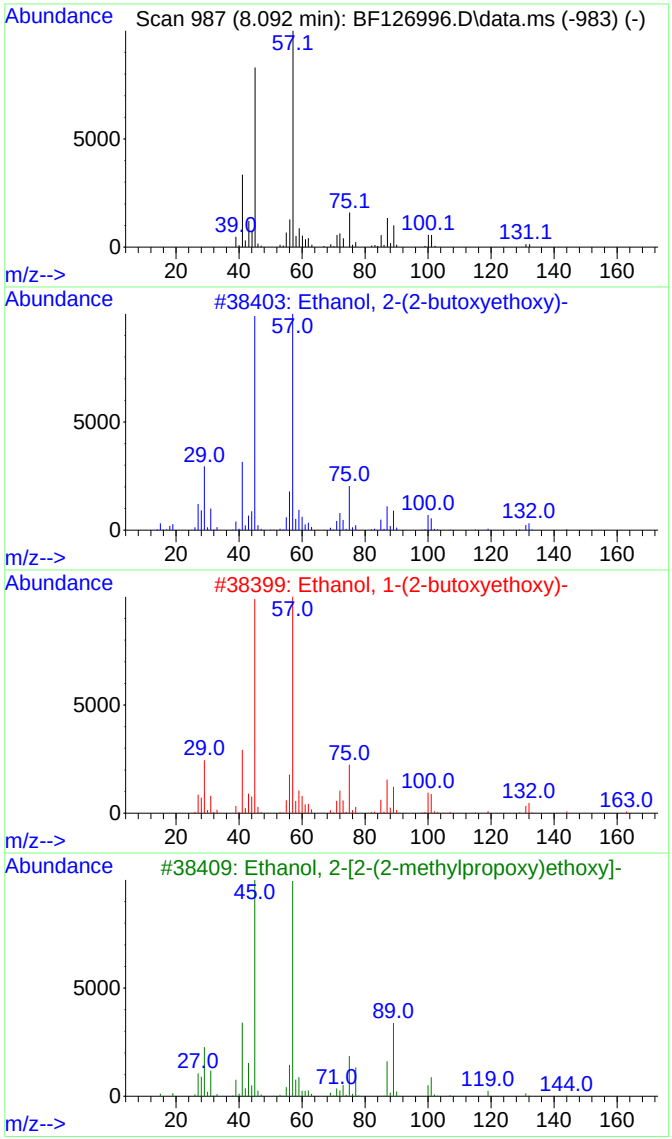
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

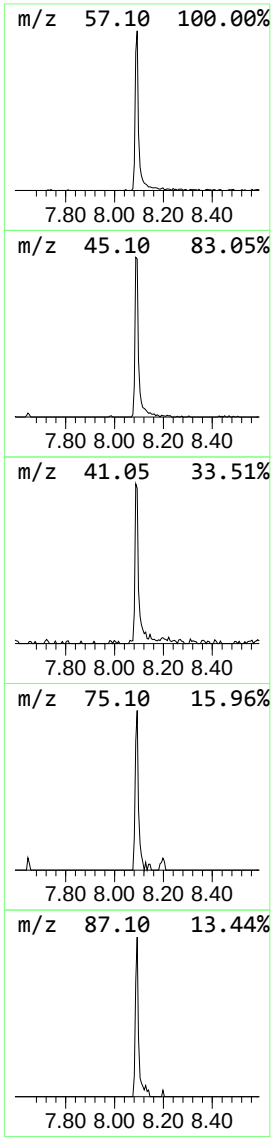
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	3.81 ng	140367	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

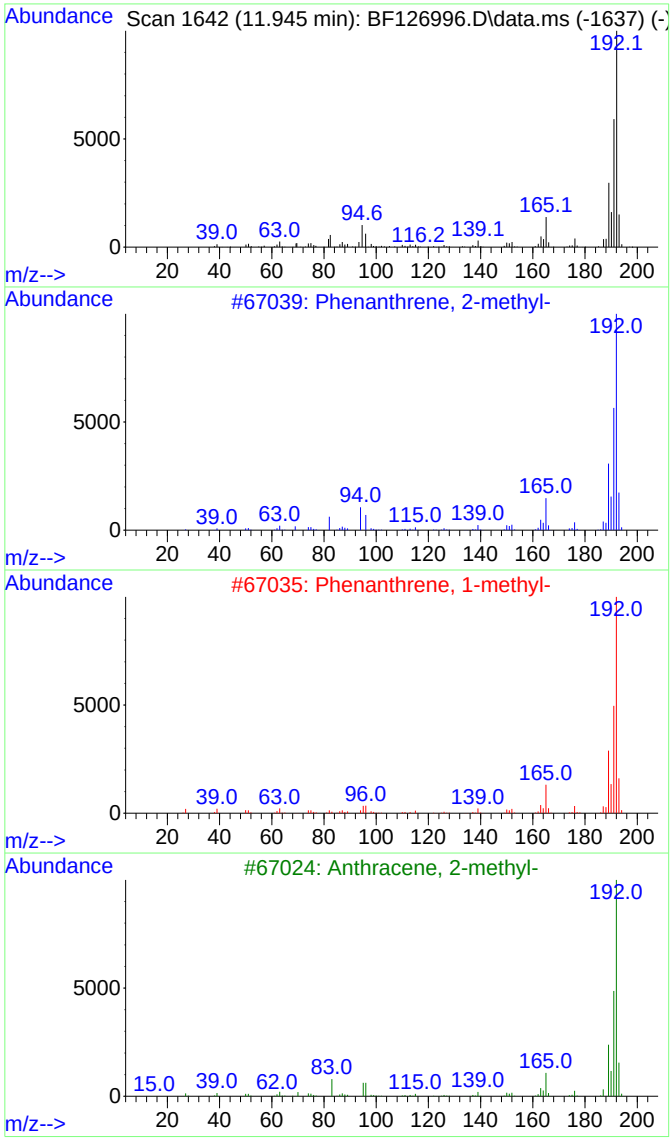
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

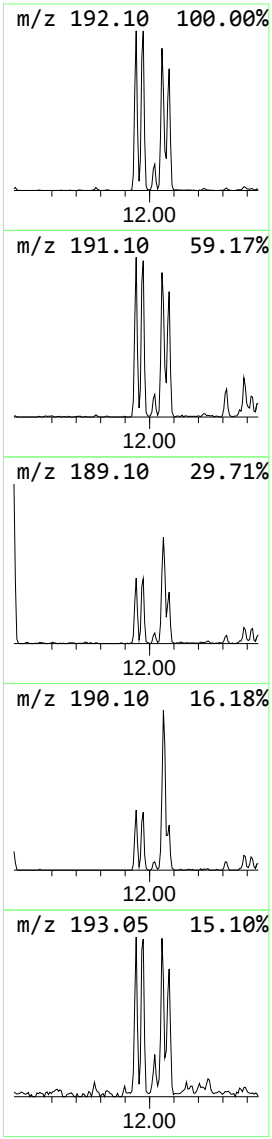
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.75 ng	227853	Phenanthrene-d10	11.445

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
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Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

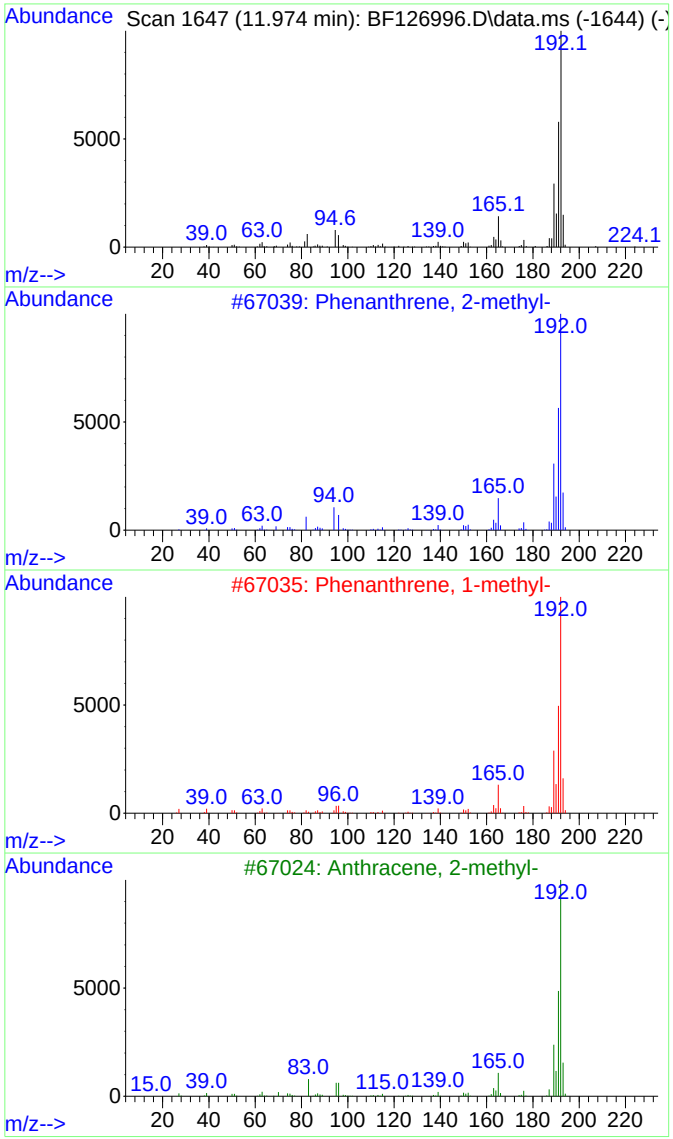
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

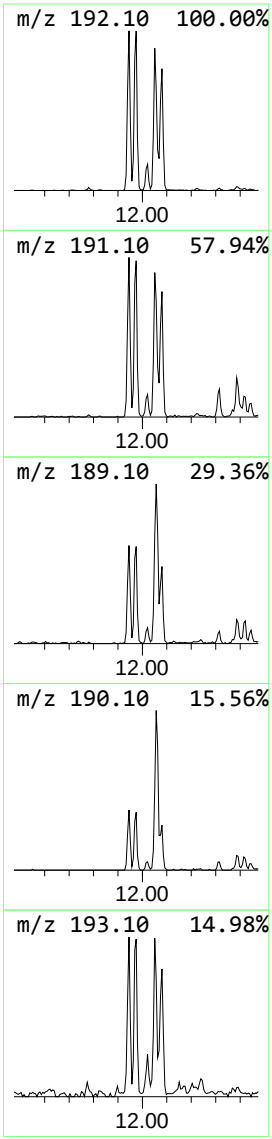
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	5.78 ng	229390	Phenanthrene-d10	11.445

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 22 Feb 2022 01:56
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

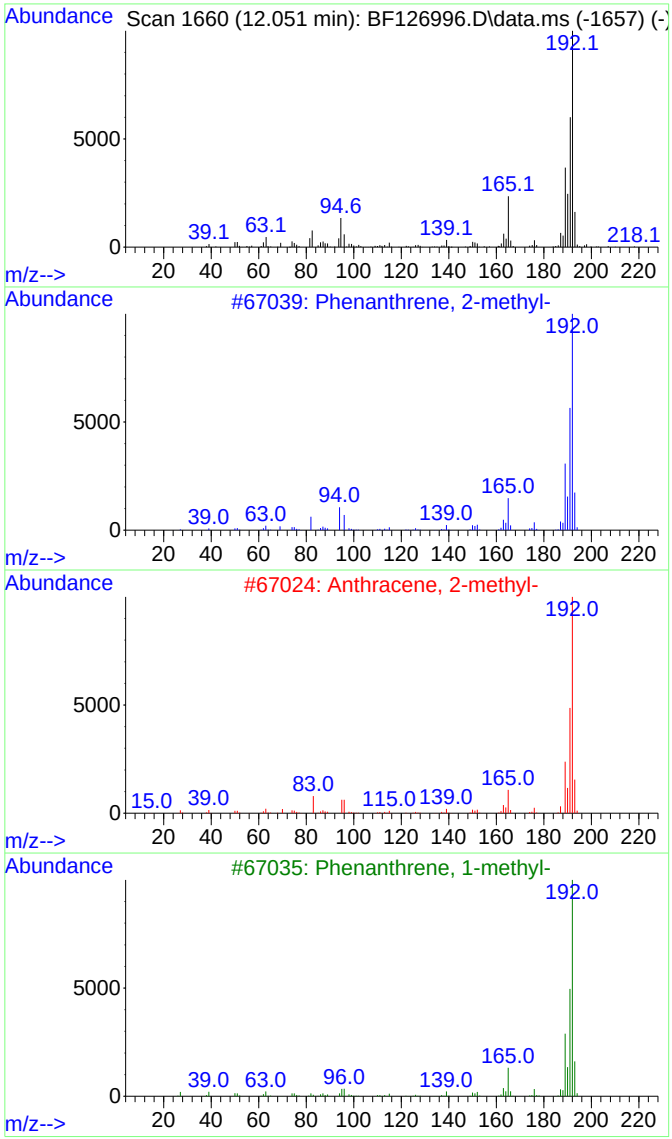
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

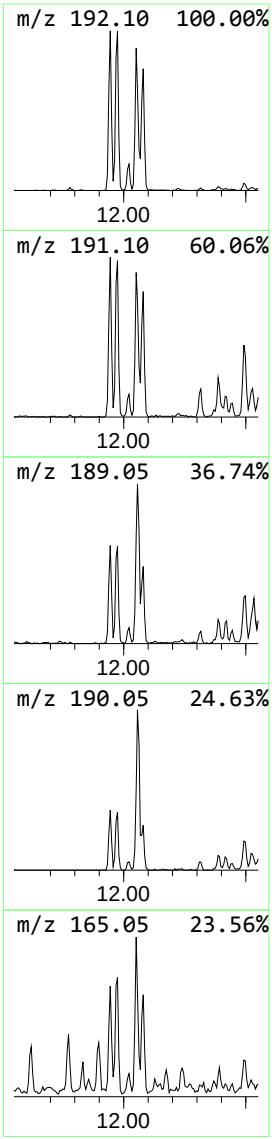
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	7.61 ng	301936	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

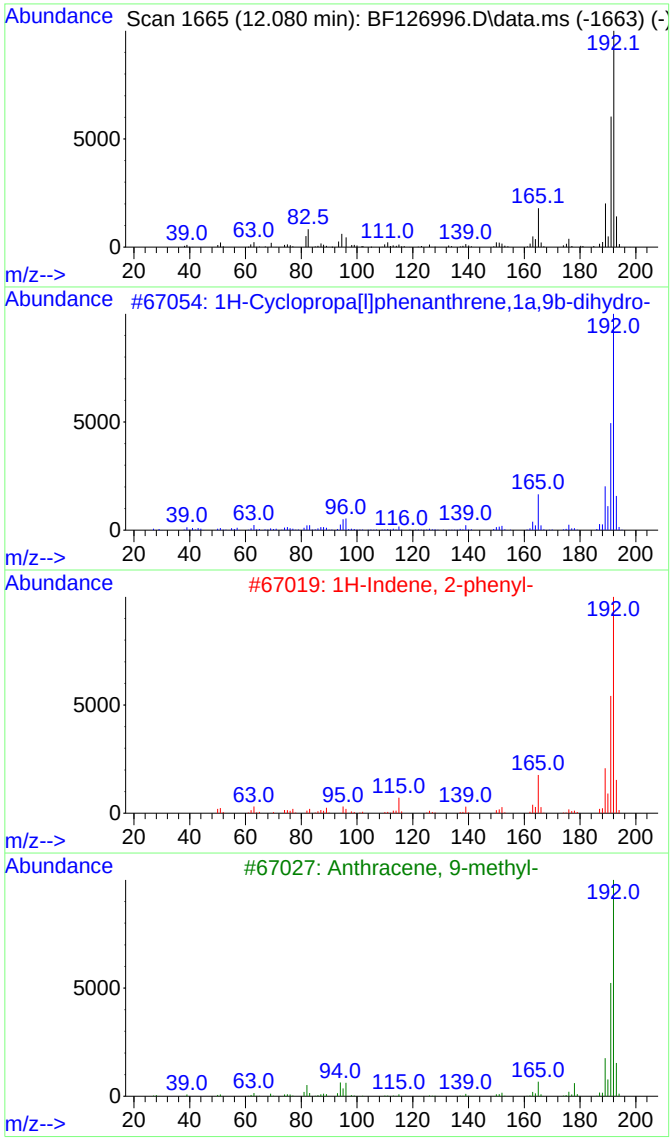
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

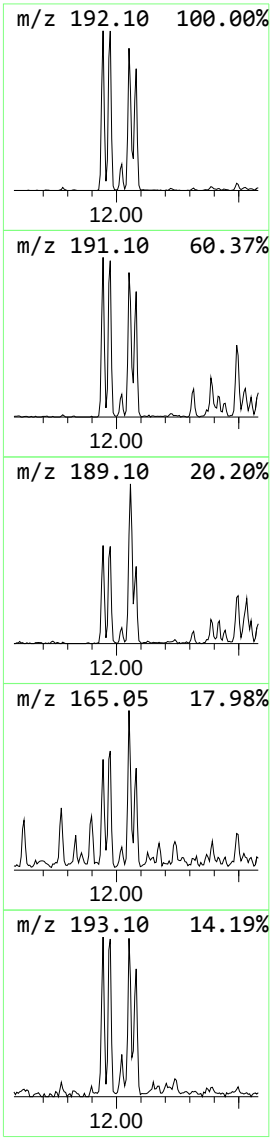
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	3.82 ng	151299	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83





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Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

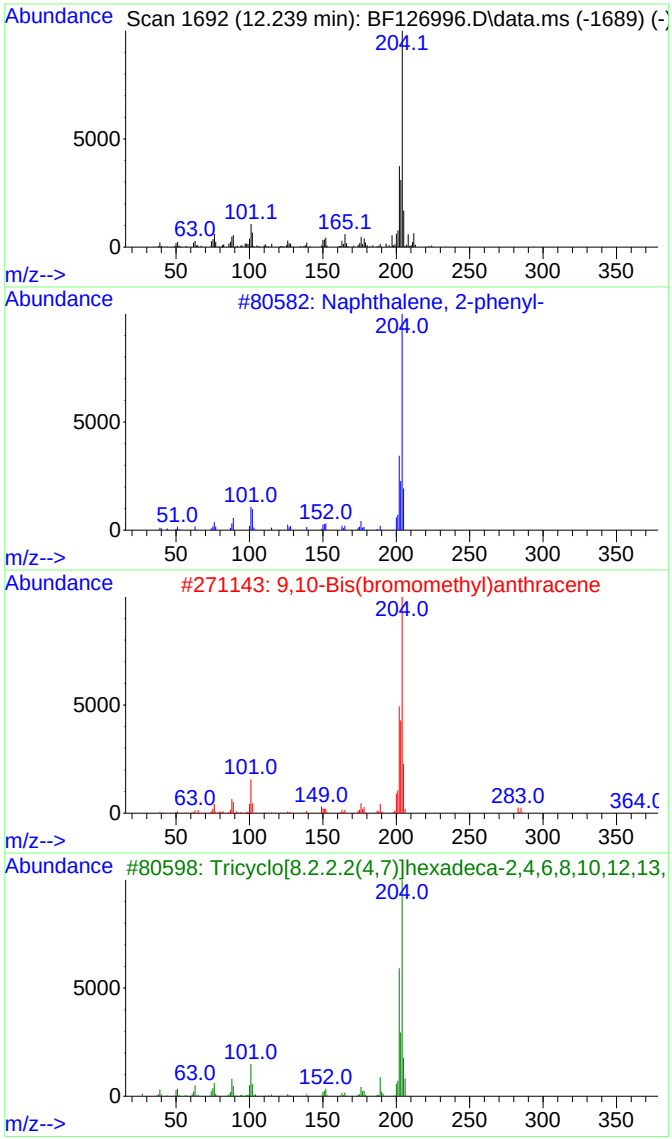
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

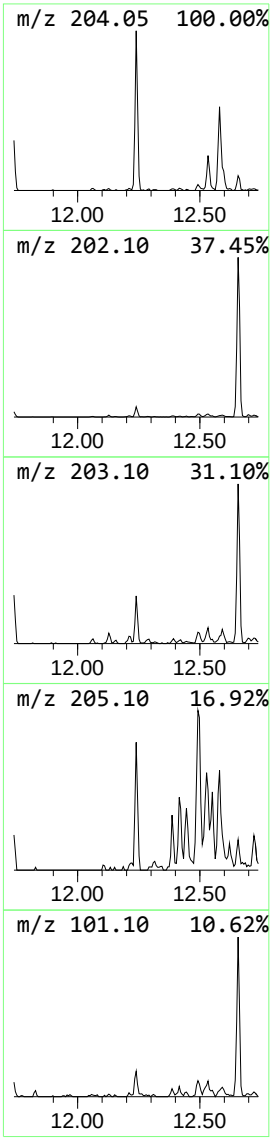
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	2.82 ng	111686	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

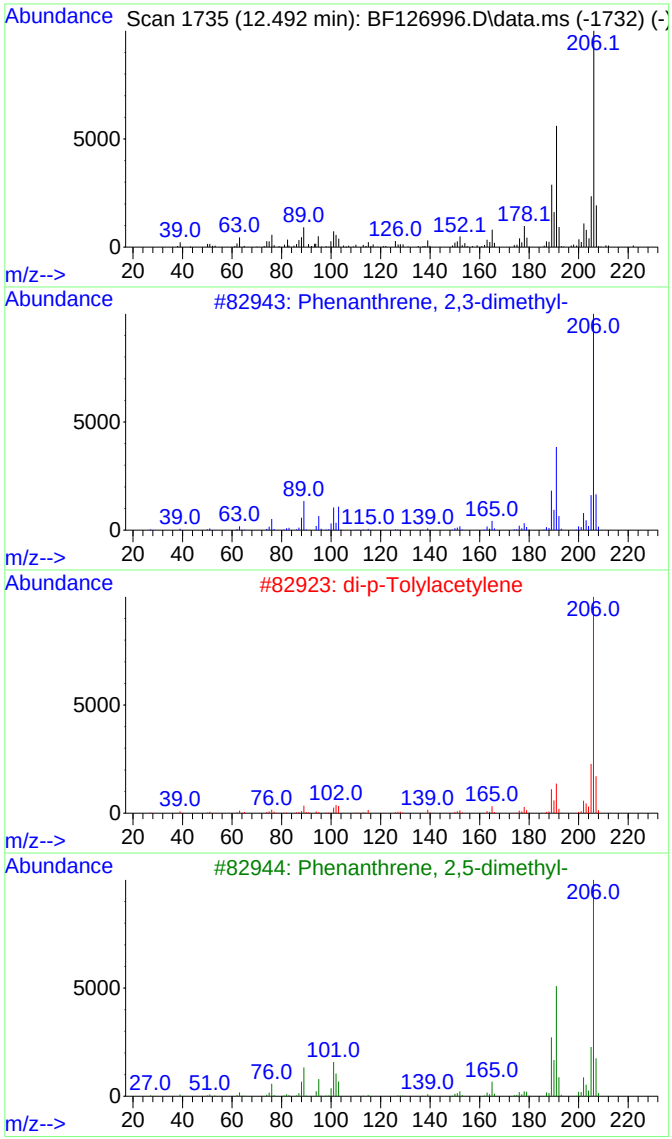
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

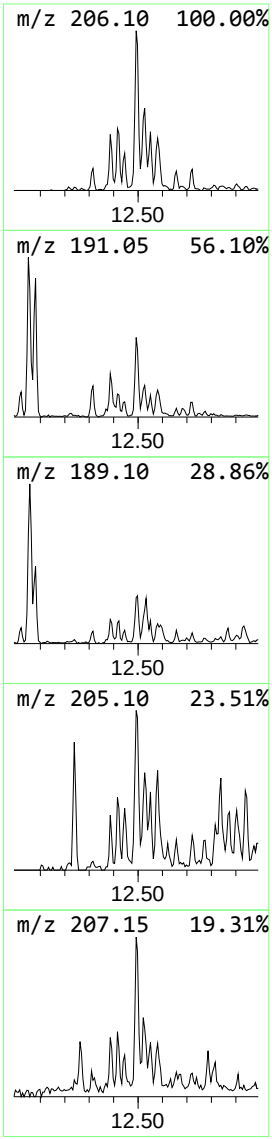
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	4.08 ng	161700	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
SB-6-(3.0-3.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

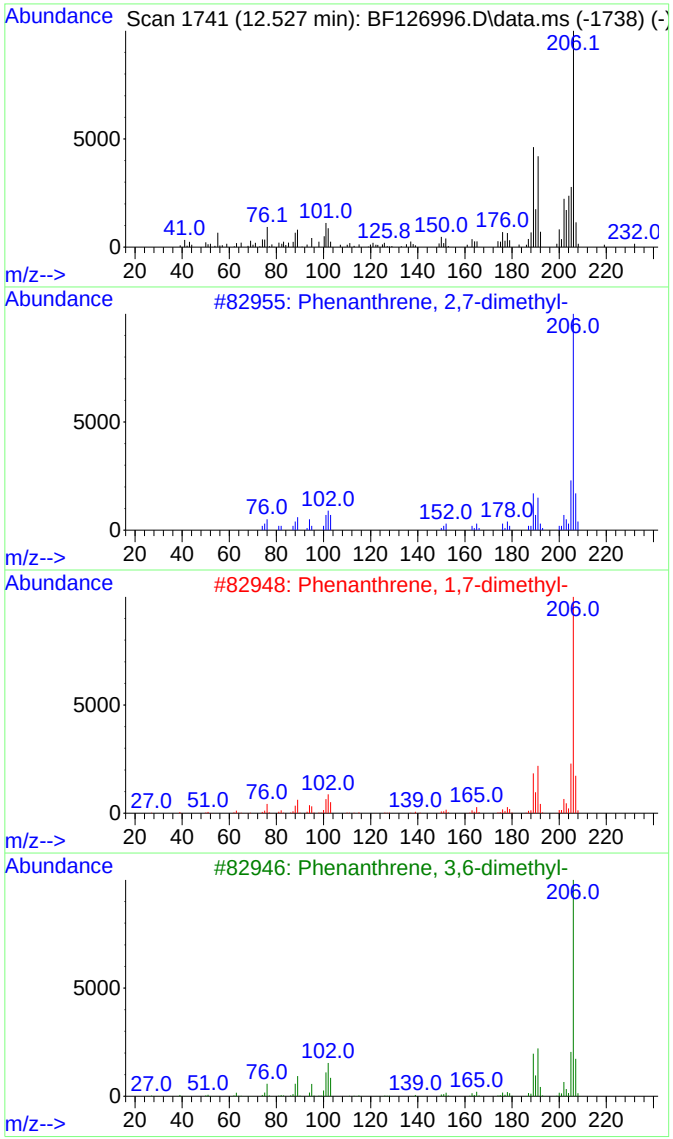
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

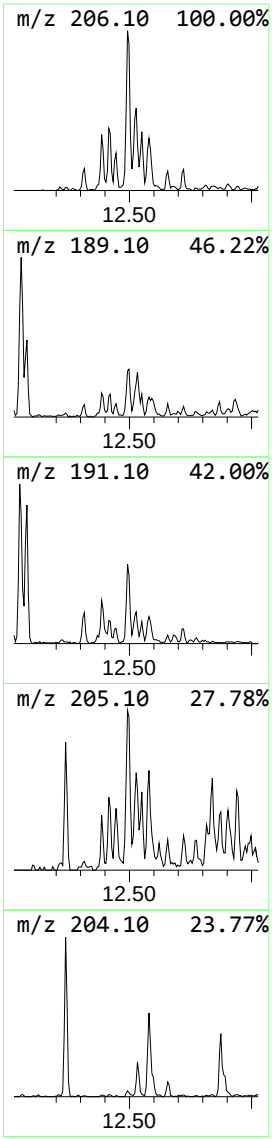
****

Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.89 ng	114794	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	68
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	62





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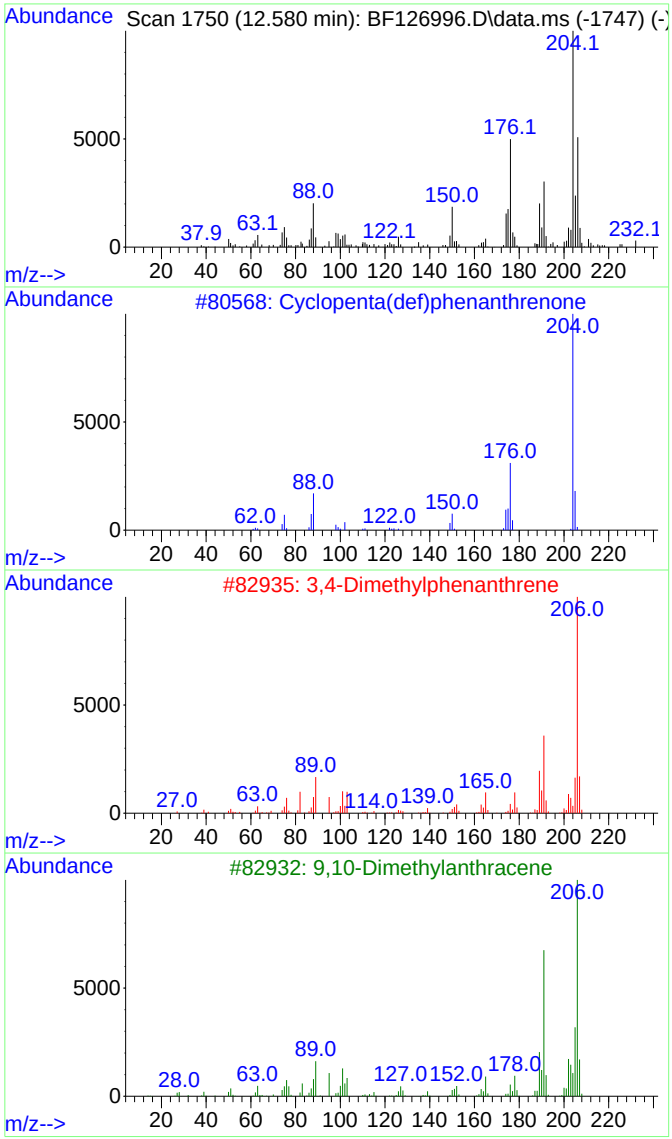
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

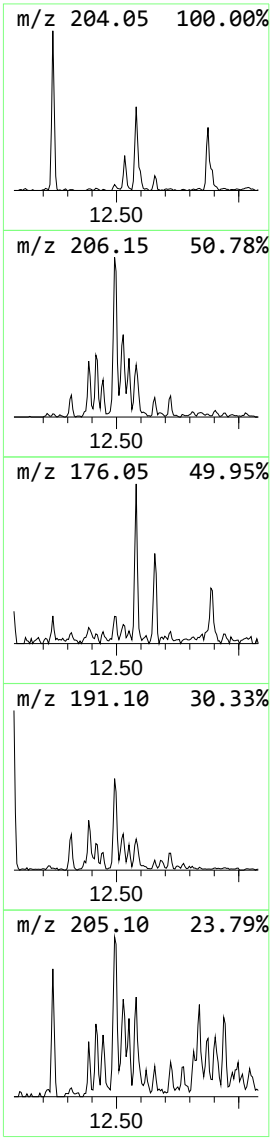
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	3.13 ng	124301	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	42
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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Misc :
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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

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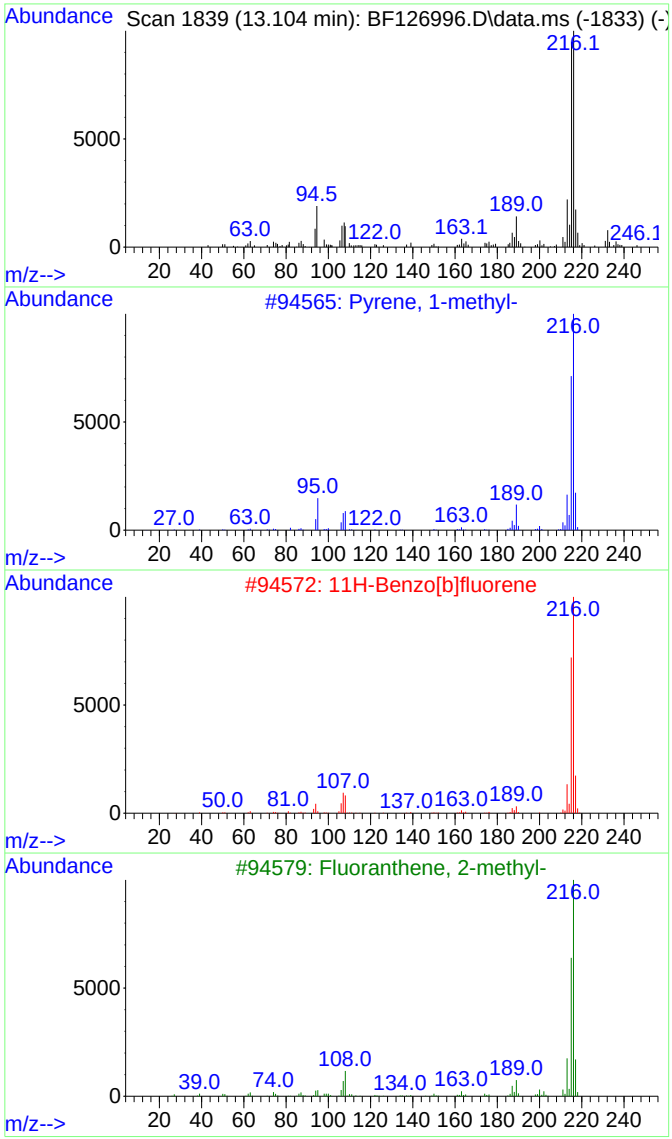
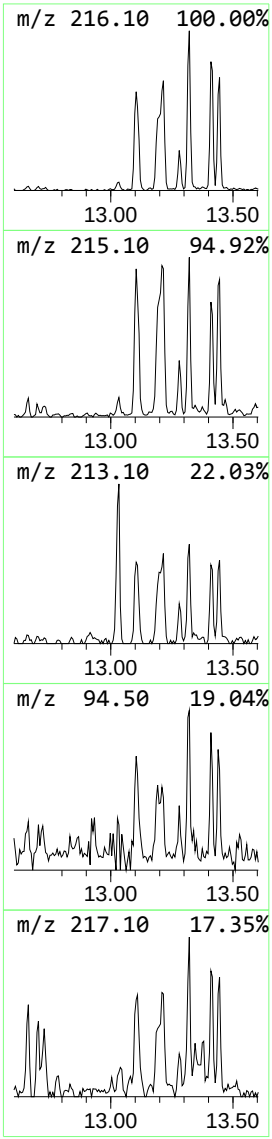
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	4.71 ng	152535	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Operator : CG\JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6-(3.0-3.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

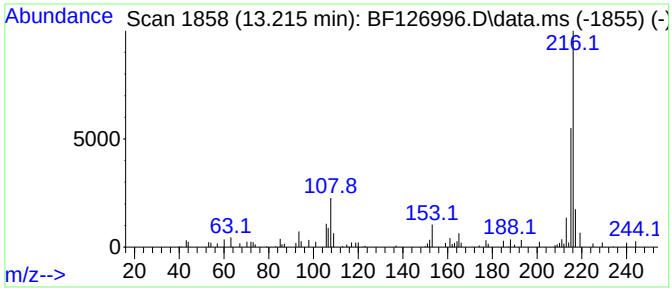
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

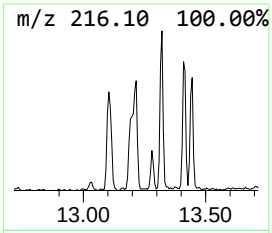
****

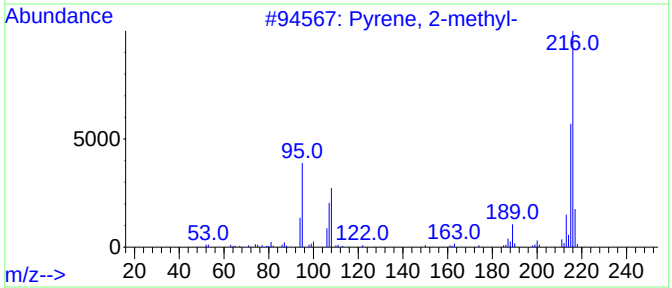
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 15

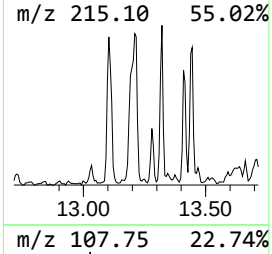
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	3.02 ng	97678	Chrysene-d12	14.086

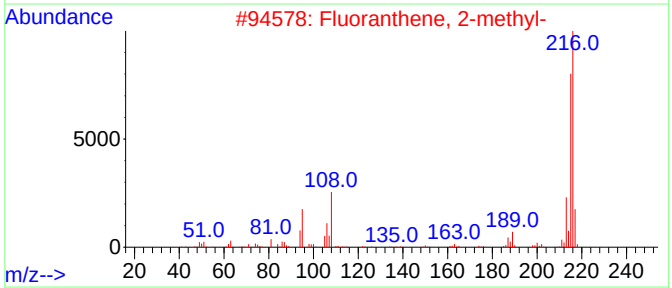
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59

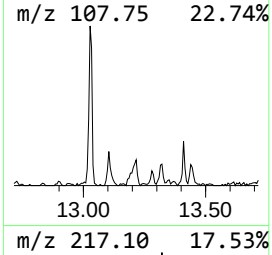


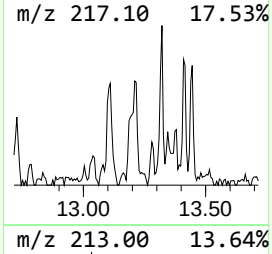


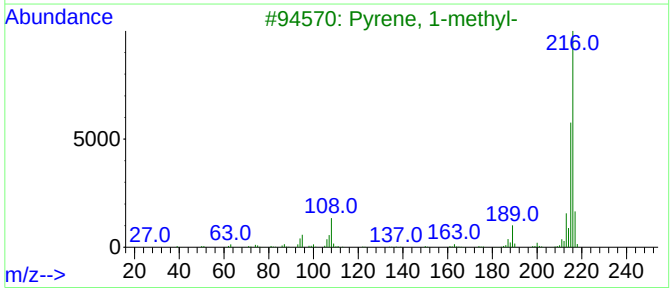


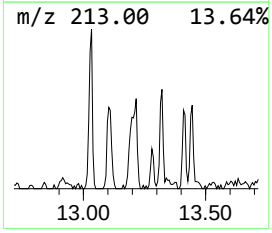












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Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6-(3.0-3.5)

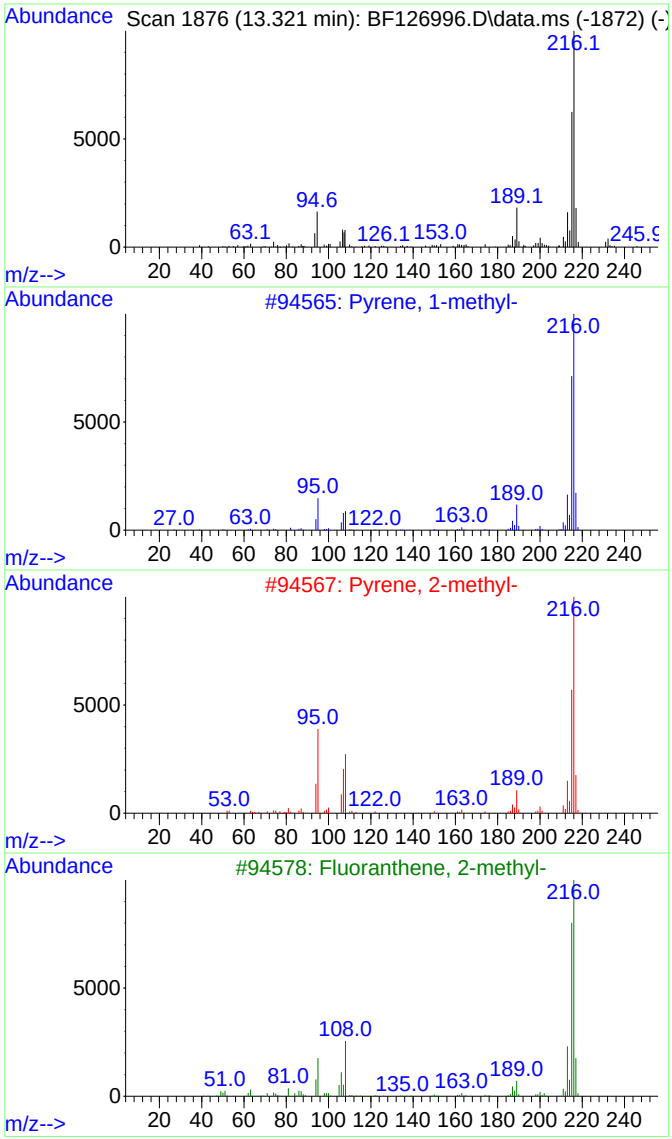
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

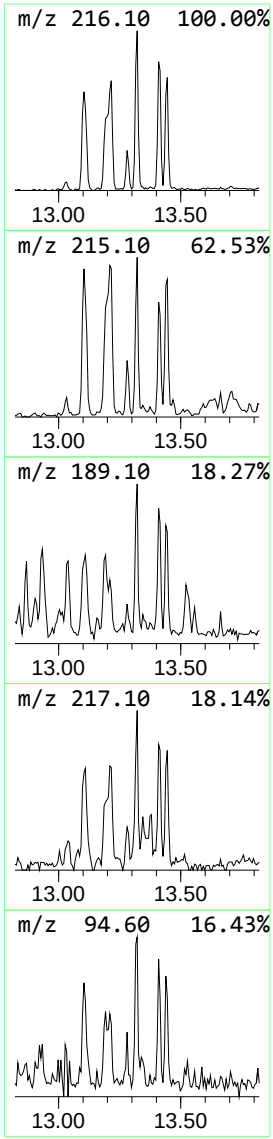
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	3.31 ng	107264	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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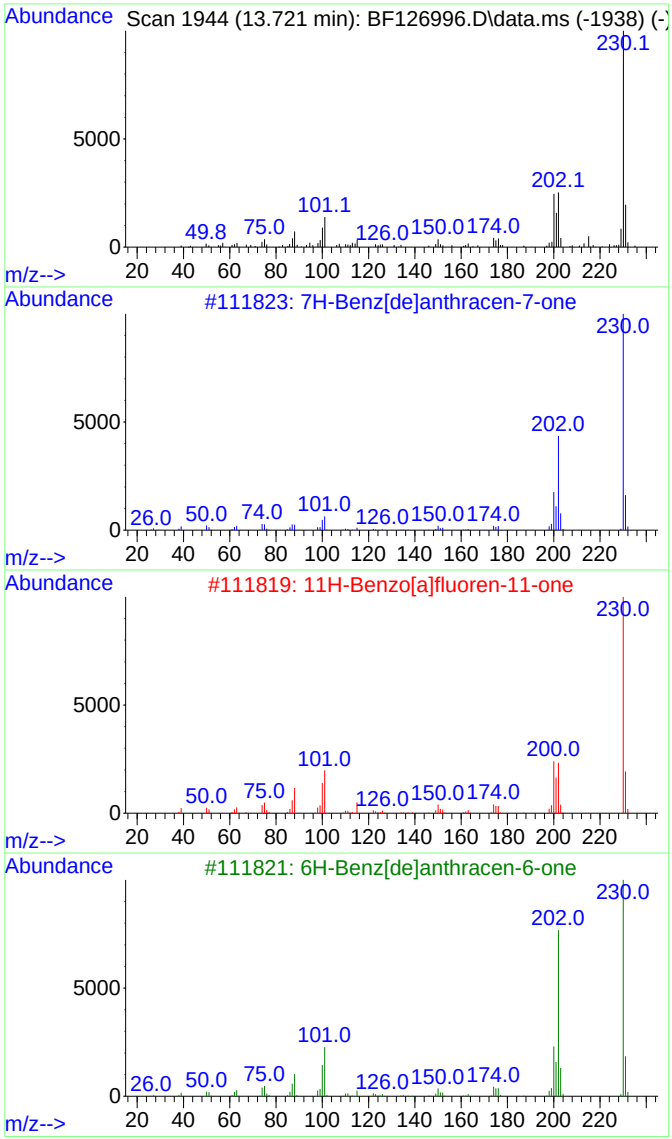
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

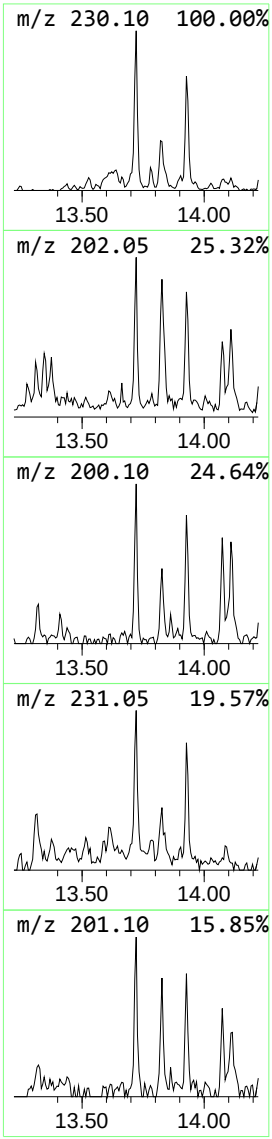
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	2.94 ng	95276	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	59





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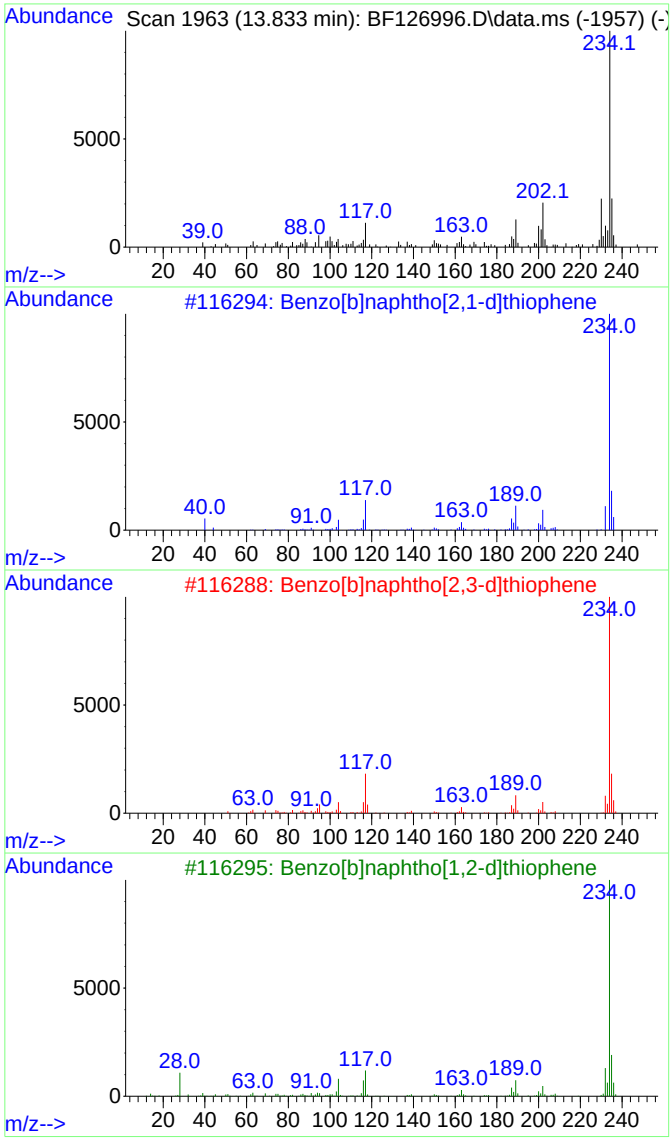
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

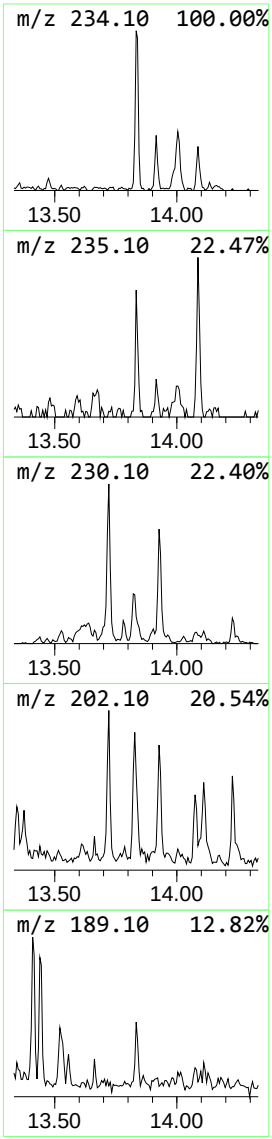
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.14 ng	101749	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4	Thiazol-2-amine, 4-(1-adamantyl)-	234	C13H18N2S	019735-74-1	47
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





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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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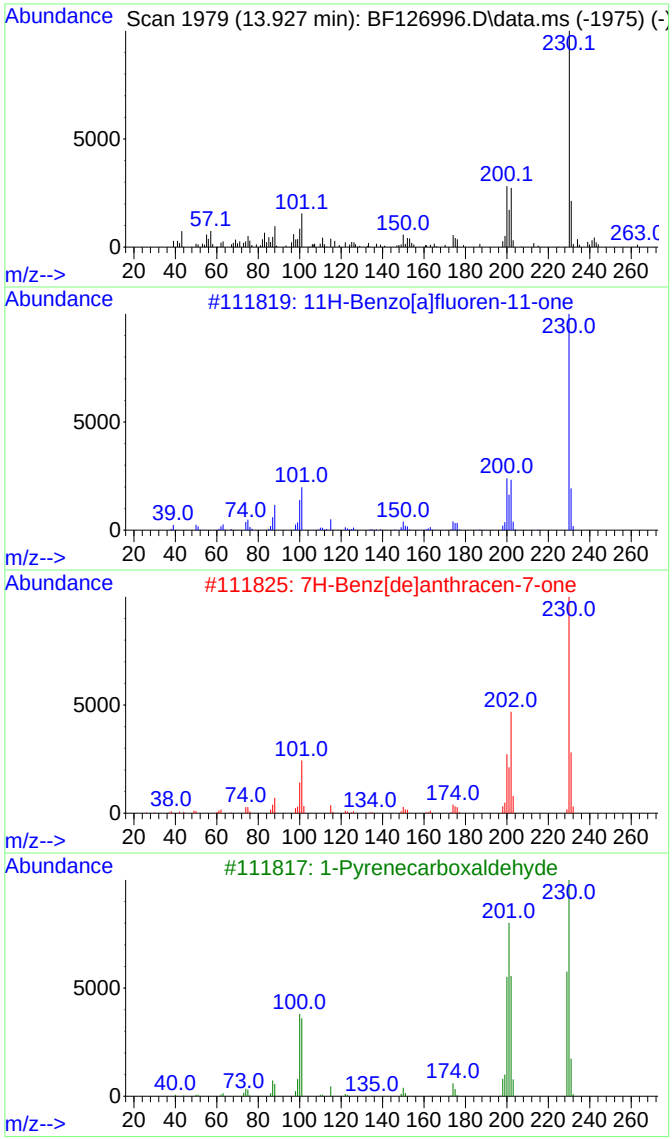
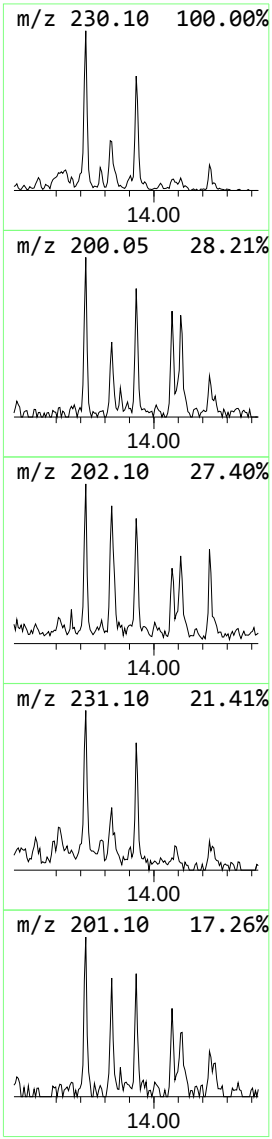
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	5.94 ng	192059	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	52





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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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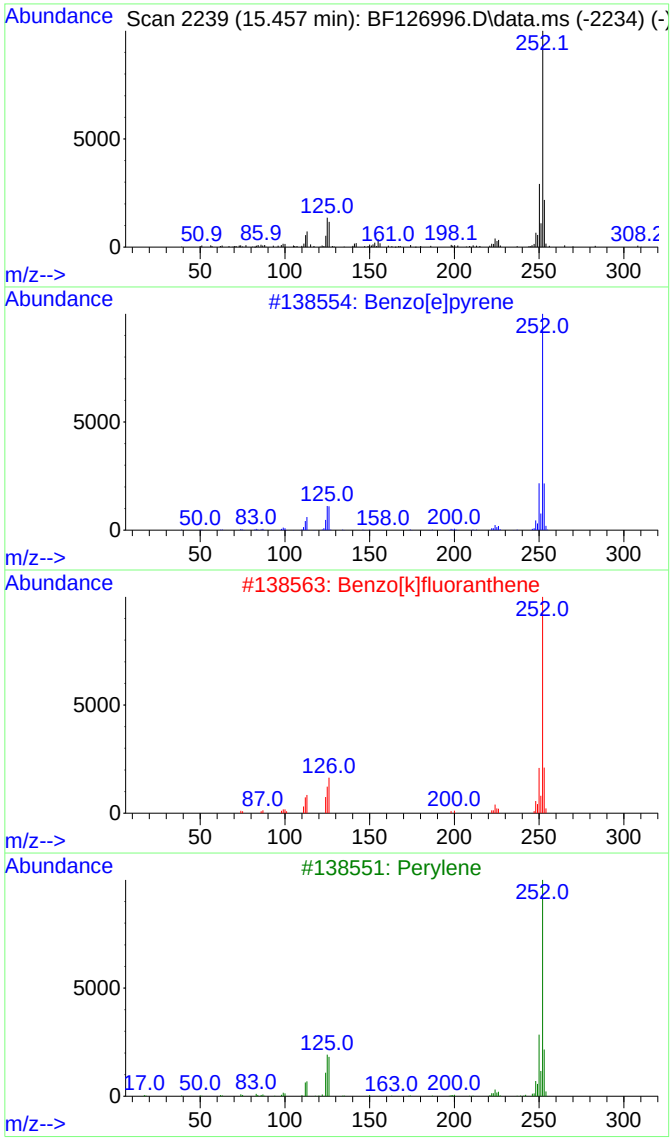
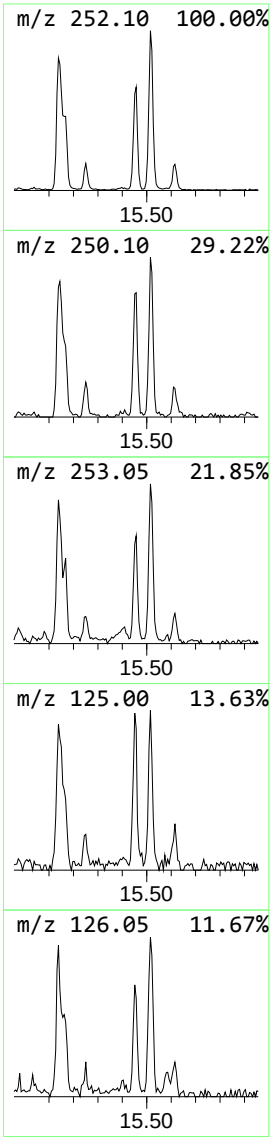
Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	5.48 ng	128813	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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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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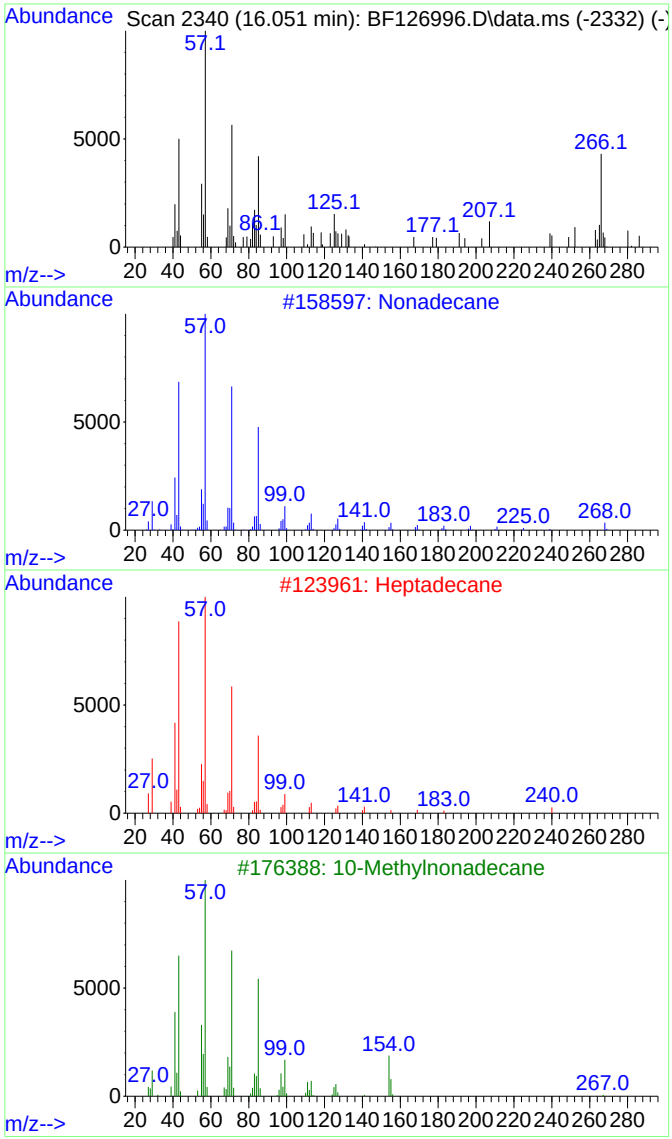
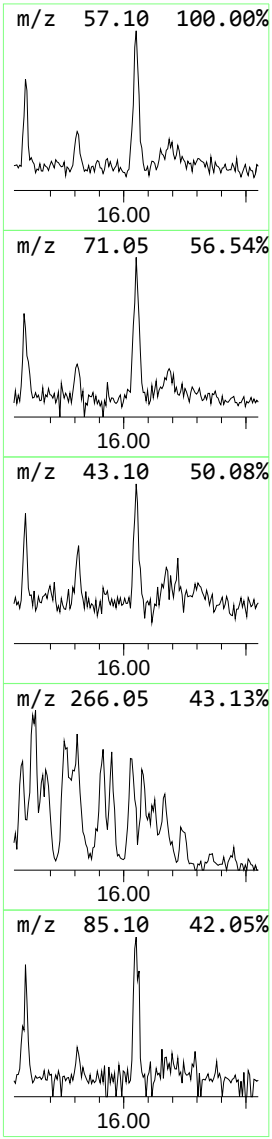
Peak Number 18 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	2.71 ng	63706	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Heptadecane	240	C17H36	000629-78-7	46
3	10-Methylnonadecane	282	C20H42	056862-62-5	41
4	Octacosane	394	C28H58	000630-02-4	38
5	Tetracosane	338	C24H50	000646-31-1	38





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Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

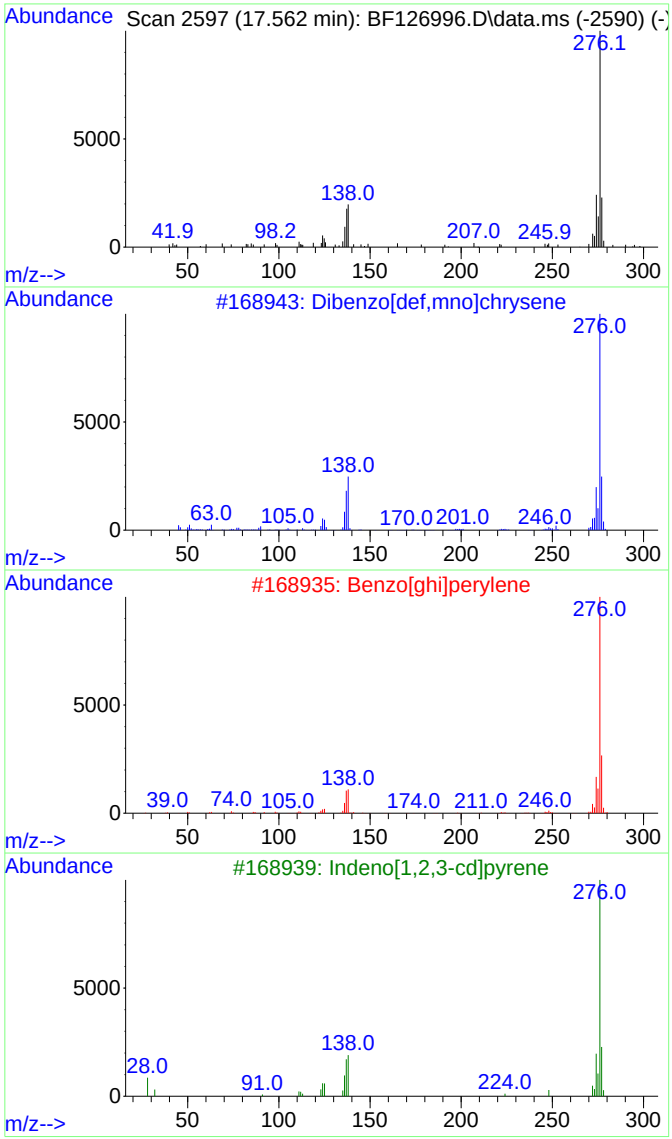
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

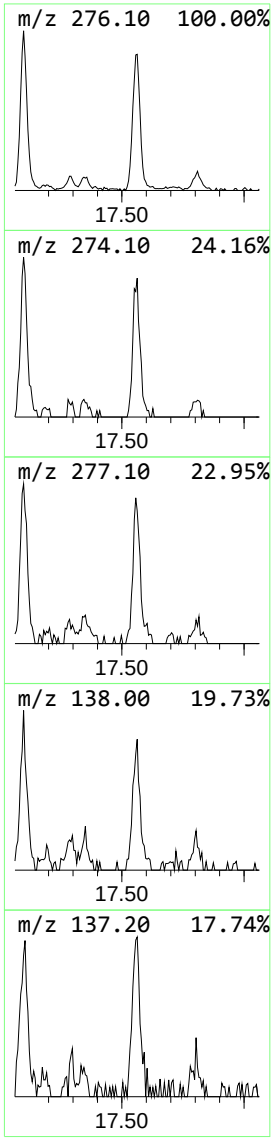
****

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.562	3.67 ng	86272	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	1H-benzimidazole, 2,2'-methylene...	276	C17H16N4	1000401-82-9	58
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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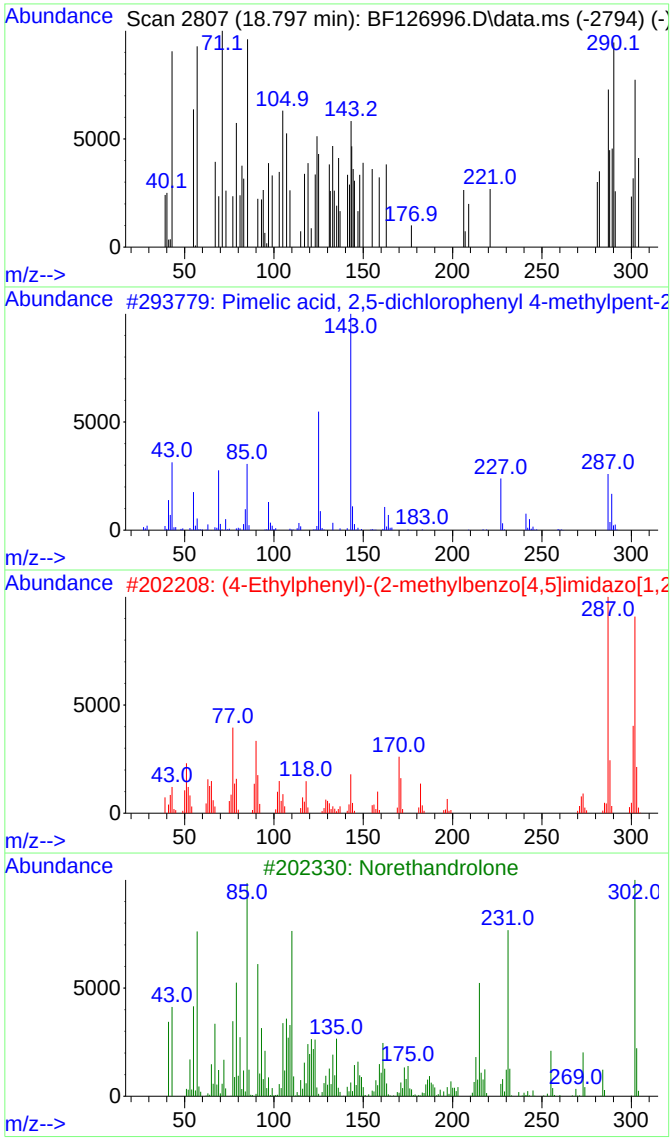
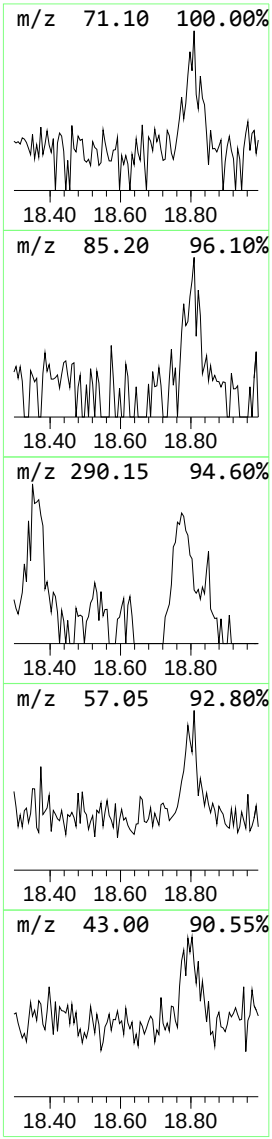
Peak Number 20 unknown18.797 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.797	2.67 ng	62710	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pimelic acid, 2,5-dichlorophenyl...	388	C19H26Cl2O4	1000420-07-3	32
2	(4-Ethylphenyl)-(2-methylbenzo[4...	302	C19H18N4	1000322-09-4	14
3	Norethandrolone	302	C20H30O2	000052-78-8	14
4	Indazole, 5,7-dibromo-, Me deriv...	288	C8H6Br2N2	1000507-65-7	14
5	10-Cyclohexyl-2,3-dihydro-1H-pyr...	290	C20H22N2	157056-89-8	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126996.D
Acq On : 22 Feb 2022 01:56
Operator : CG\JU
Sample : N1579-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Ethanol, 2-(2-b...	8.092	3.8	ng	140367	2	8.198	735997	20.0
Phenanthrene, 2...	11.945	5.8	ng	227853	4	11.445	793127	20.0
Phenanthrene, 1...	11.974	5.8	ng	229390	4	11.445	793127	20.0
Anthracene, 2-m...	12.051	7.6	ng	301936	4	11.445	793127	20.0
1H-Cyclopropa[l...	12.080	3.8	ng	151299	4	11.445	793127	20.0
Naphthalene, 2-...	12.239	2.8	ng	111686	4	11.445	793127	20.0
Phenanthrene, 2...	12.492	4.1	ng	161700	4	11.445	793127	20.0
Phenanthrene, 2...	12.527	2.9	ng	114794	4	11.445	793127	20.0
Cyclopenta(def)...	12.580	3.1	ng	124301	4	11.445	793127	20.0
Pyrene, 1-methyl-	13.104	4.7	ng	152535	5	14.086	647154	20.0
Pyrene, 2-methyl-	13.216	3.0	ng	97678	5	14.086	647154	20.0
Fluoranthene, 2...	13.321	3.3	ng	107264	5	14.086	647154	20.0
7H-Benz[de]anth...	13.721	2.9	ng	95276	5	14.086	647154	20.0
Benzo[b]naphtho...	13.833	3.1	ng	101749	5	14.086	647154	20.0
11H-Benzo[a]flu...	13.927	5.9	ng	192059	5	14.086	647154	20.0
Benzo[e]pyrene	15.457	5.5	ng	128813	6	15.586	470521	20.0
Nonadecane	16.051	2.7	ng	63706	6	15.586	470521	20.0
Dibenzo[def,mno...	17.562	3.7	ng	86272	6	15.586	470521	20.0
unknown18.797	18.797	2.7	ng	62710	6	15.586	470521	20.0