LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132534.D
Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-352

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.243	404	409	423	rVB	1379140	1573682	54.13%	4.751%
2	5.637	472	476	479	rBV	3175693	2848895	98.00%	8.601%
3	6.631	641	645	649	rBV	2823613	2855051	98.21%	8.619%
4	7.007	706	709	713	rVB	1056063	798013	27.45%	2.409%
5	7.572	800	805	808	rBV	2144269	1845685	63.49%	5.572%
6	8.295	924	928	930	rBV	1128044	949159	32.65%	2.866%
7	8.313	930	931	934	rVB	58334	34707	1.19%	0.105%
8	9.007	1046	1049	1051	rBV	39725	31673	1.09%	0.096%
9	9.366	1106	1110	1114	rBV	3293086	2907086	100.00%	8.777%
10	9.437	1119	1122	1126	rVV	75792	63294	2.18%	0.191%
11	9.636	1149	1156	1160	rBV2	41371	82011	2.82%	0.248%
12	9.707	1165	1168	1171	rVV	51523	50738	1.75%	0.153%
13	9.913	1200	1203	1208	rBV	97372	88553	3.05%	0.267%
14	9.966	1209	1212	1216	rVB	75155	65583	2.26%	0.198%
15	10.054	1224	1227	1230	rVB	1090826	854489	29.39%	2.580%
16	10.089	1230	1233	1236	rVB	59088	50471	1.74%	0.152%
17	10.254	1256	1261	1265	rVV2	53214	68150	2.34%	0.206%
18	10.295	1265	1268	1271	rVB	40562	37737	1.30%	0.114%
19	10.366	1277	1280	1283	rBV2	31470	39414	1.36%	0.119%
20	10.472	1290	1298	1301	rVB3	63867	76916	2.65%	0.232%
21	10.601	1317	1320	1327	rVB2	71523	79249	2.73%	0.239%
22	10.689	1327	1335	1337	rBV3	35232	54752	1.88%	0.165%
23	10.766	1342	1348	1351	rBV	267894	225611	7.76%	0.681%
24	10.848	1358	1362	1365	rBV	1730757	1463076	50.33%	4.417%
25	10.948	1376	1379	1380	rBV	52952	49911	1.72%	0.151%
26	11.148	1409	1413	1416	rBV5	31421	51287	1.76%	0.155%
27	11.354	1444	1448	1453	rBV	203628	215050	7.40%	0.649%
28	11.395	1453	1455	1458	rVV	59103	56141	1.93%	0.169%
29	11.448	1462	1464	1467	rVB	49827	43955	1.51%	0.133%
30	11.548	1478	1481	1483	rBV	895584	758332	26.09%	2.289%
31	11.572	1483	1485	1490	rVV	628967	534445	18.38%	1.613%
32	11.625	1491	1494	1496	rVV	130217	108534	3.73%	0.328%
33	11.648	1496	1498	1503	rVB2	57874	66333	2.28%	0.200%
34	11.778	1516	1520	1526	rBV	84080	92847	3.19%	0.280%
35	11.883	1535	1538	1543	rBV	41566	47233	1.62%	0.143%
36	12.060	1564	1568	1571	rBV2	513989	589910	20.29%	1.781%

LSC Area Percent Report

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Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.083	1571	1572	1577	rVB2	172846	99327	3.42%	0.300%
38	12.166	1583	1586	1589	rBV2	166326	197663	6.80%	0.597%
39	12.189	1589	1590	1593	rVB	86998	47059	1.62%	0.142%
40	12.236	1595	1598	1604	rBV4	56574	90725	3.12%	0.274%
41	12.313	1609	1611	1614	rVV	88342	73103	2.51%	0.221%
42	12.348	1614	1617	1618	rVV	92049	79159	2.72%	0.239%
43	12.372	1618	1621	1628	rVB4	135812	177651	6.11%	0.536%
44	12.607	1657	1661	1663	rBV	110532	117216	4.03%	0.354%
45	12.695	1673	1676	1680	rBV	82030	96582	3.32%	0.292%
46	12.772	1685	1689	1693	rBV	1360044	1134098	39.01%	3.424%
47	12.848	1698	1702	1708	rVV4	147477	204074	7.02%	0.616%
48	12.925	1713	1715	1717	rBV	46314	35248	1.21%	0.106%
49	13.001	1722	1728	1734	rVB	1015296	1184020	40.73%	3.575%
50	13.048	1734	1736	1741	rVB2	65996	67513	2.32%	0.204%
51	13.142	1745	1752	1755	rBV	2663046	2473515	85.09%	7.468%
52	13.219	1760	1765	1769	rBV4	90248	172275	5.93%	0.520%
53	13.307	1776	1780	1781	rBV3	80795	90111	3.10%	0.272%
54	13.330	1781	1784	1787	rVV	164980	167703	5.77%	0.506%
55	13.354	1787	1788	1792	rVV3	54719	45217	1.56%	0.137%
56	13.395	1793	1795	1798	rVB	97036	72060	2.48%	0.218%
57	13.436	1798	1802	1805	rBV2	131476	139787	4.81%	0.422%
58	13.530	1815	1818	1820	rBV	99896	77757	2.67%	0.235%
59	13.560	1820	1823	1825	rBV	76272	77574	2.67%	0.234%
60	13.701	1844	1847	1850	rBV2	69809	60135	2.07%	0.182%
61	13.842	1868	1871	1875	rVB	127032	132834	4.57%	0.401%
62	13.954	1886	1890	1893	rBV3	133065	174286	6.00%	0.526%
63	13.983	1893	1895	1897	rVV	119258	96253	3.31%	0.291%
64	14.007	1897	1899	1901	rVV	99668	110575	3.80%	0.334%
65	14.030	1901	1903	1914	rVB3	264049	537027	18.47%	1.621%
66	14.172	1923	1927	1929	rBV	734173	665550	22.89%	2.009%
67	14.207	1929	1933	1936	rVV2	1084518	1469879	50.56%	4.438%
68	14.236	1936	1938	1943	rVB	552291	493076	16.96%	1.489%
69	14.313	1949	1951	1953	rBV	59374	45884	1.58%	0.139%
70	14.348	1955	1957	1964	rVB6	75569	99062	3.41%	0.299%
71	14.595	1997	1999	2002	rVB	97488	79360	2.73%	0.240%
72	14.630	2003	2005	2008	rVV2	71831	69309	2.38%	0.209%
73	14.830	2037	2039	2042	rBV	82691	76920	2.65%	0.232%
74	15.148	2091	2093	2098	rVB3	121690	112174	3.86%	0.339%
75	15.295	2114	2118	2122	rBV	420627	702908	24.18%	2.122%
76	15.624	2171	2174	2180	rVB	254160	324257	11.15%	0.979%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
ETGI-352

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.695	2182	2186	2192	rVB	300152	373544	12.85%	1.128%
78	15.760	2193	2197	2201	rBV	439307	596681	20.53%	1.801%
79	17.360	2464	2469	2477	rBV2	114875	226343	7.79%	0.683%

Sum of corrected areas: 33123467

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Instrument :
BNA_F
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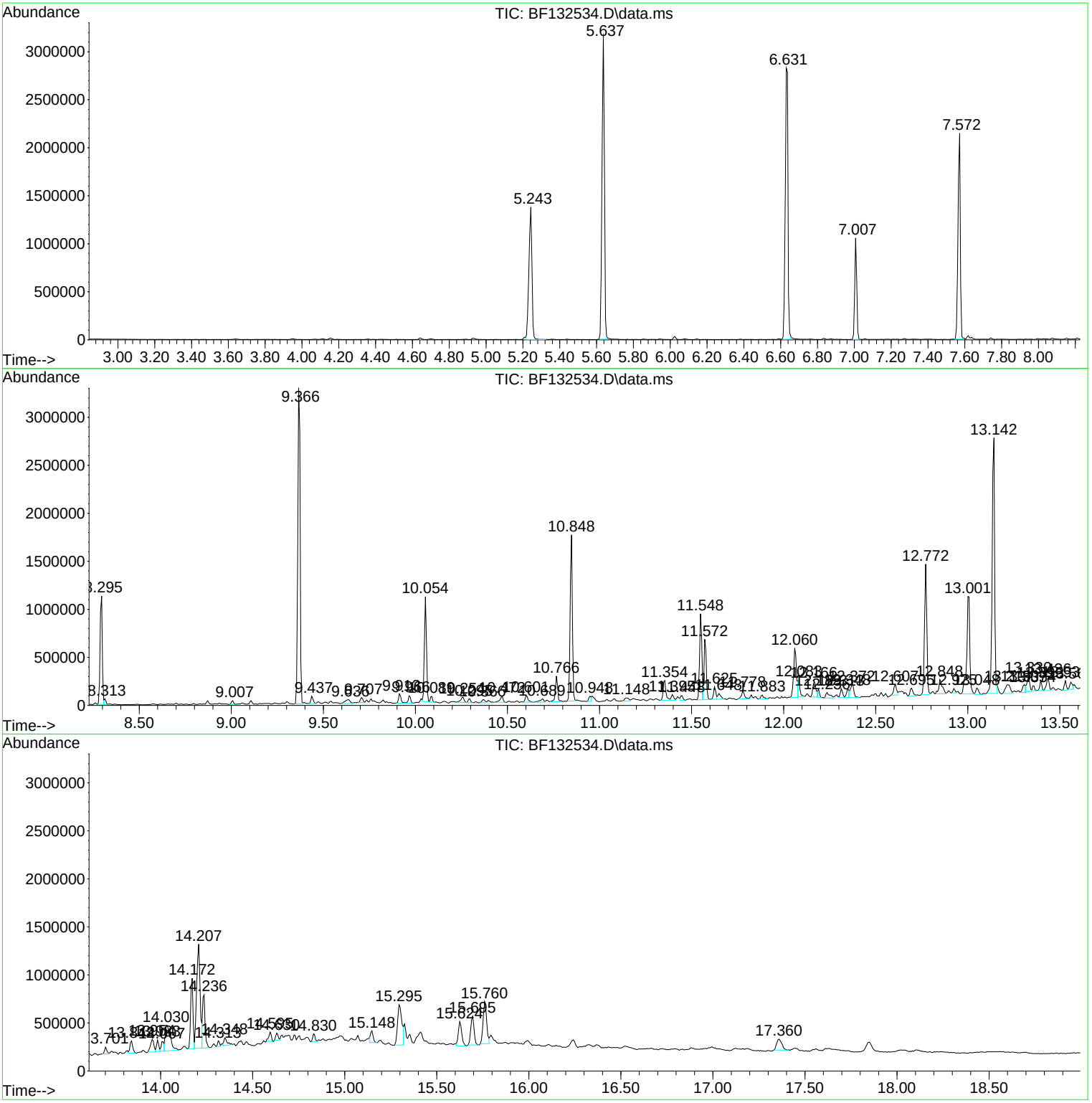
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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Instrument :
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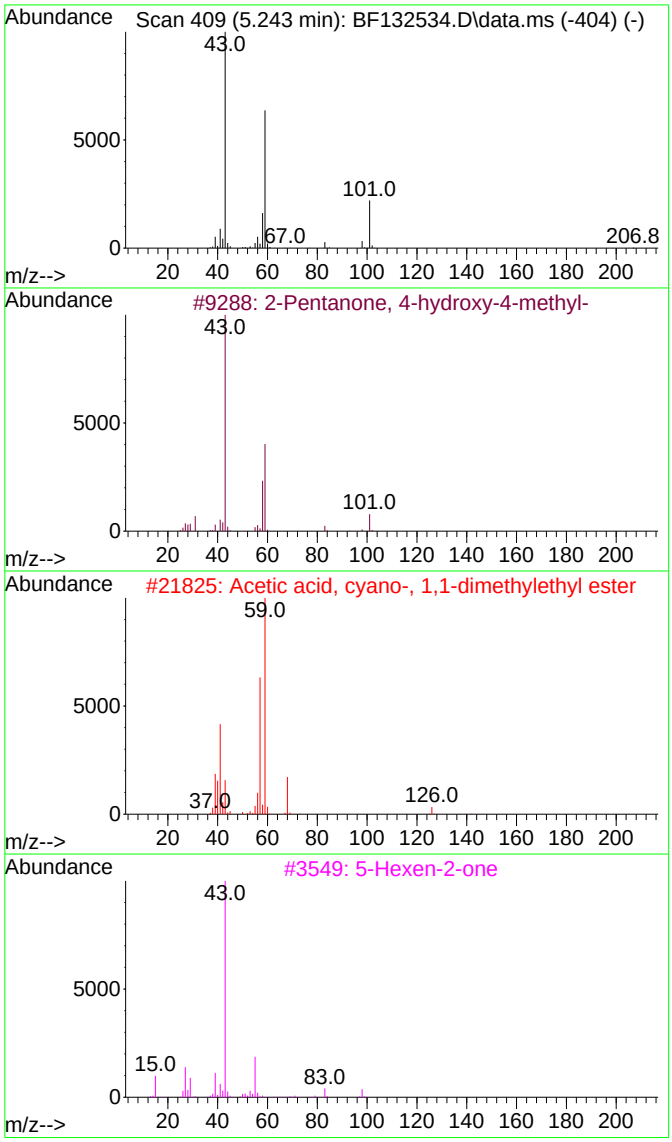
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

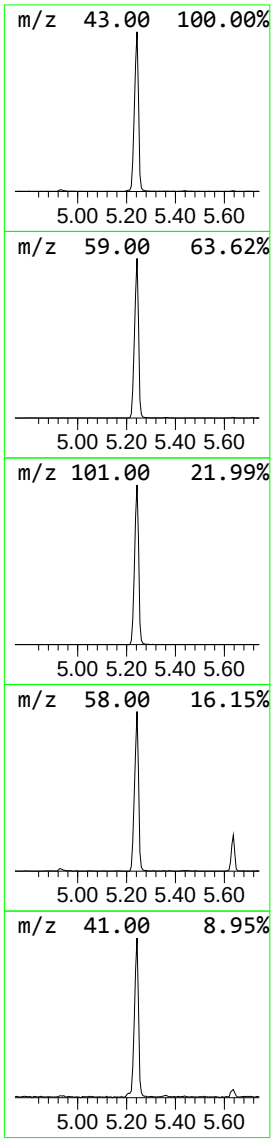
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.243	39.44 ng	1573680	1,4-Dichlorobenzene-d4	7.007

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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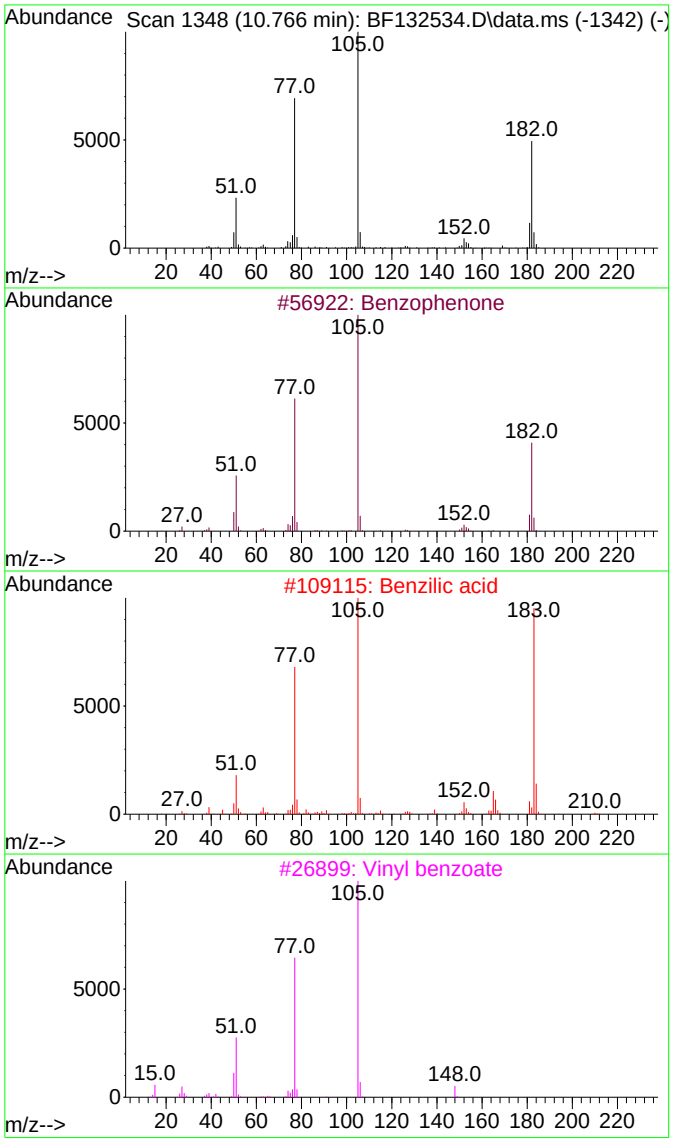
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

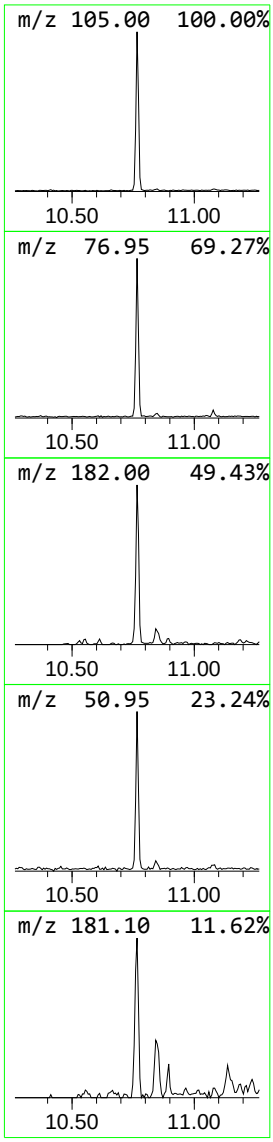
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.766	5.28 ng	225611	Acenaphthene-d10	10.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzilic acid	228	C14H12O3	000076-93-7	50
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

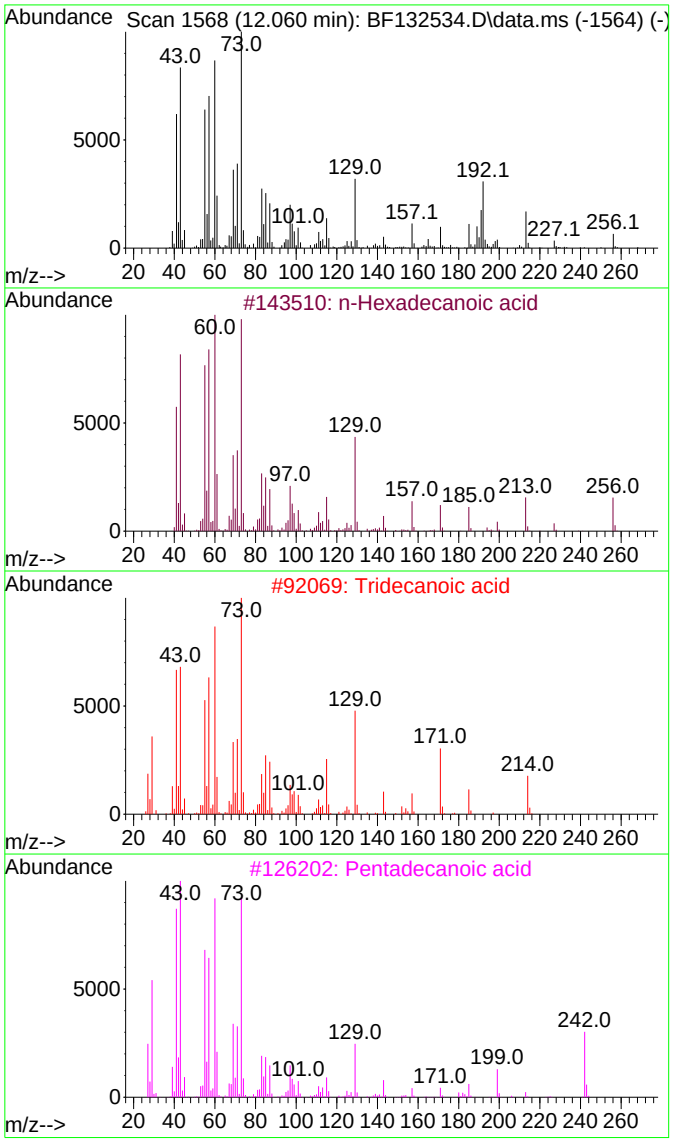
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

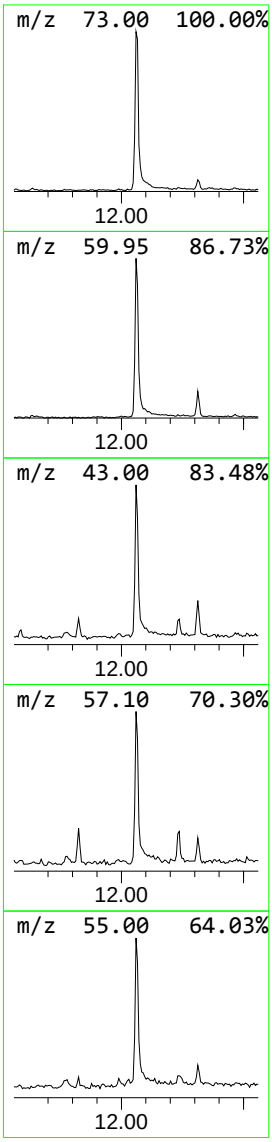
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	15.56 ng	589910	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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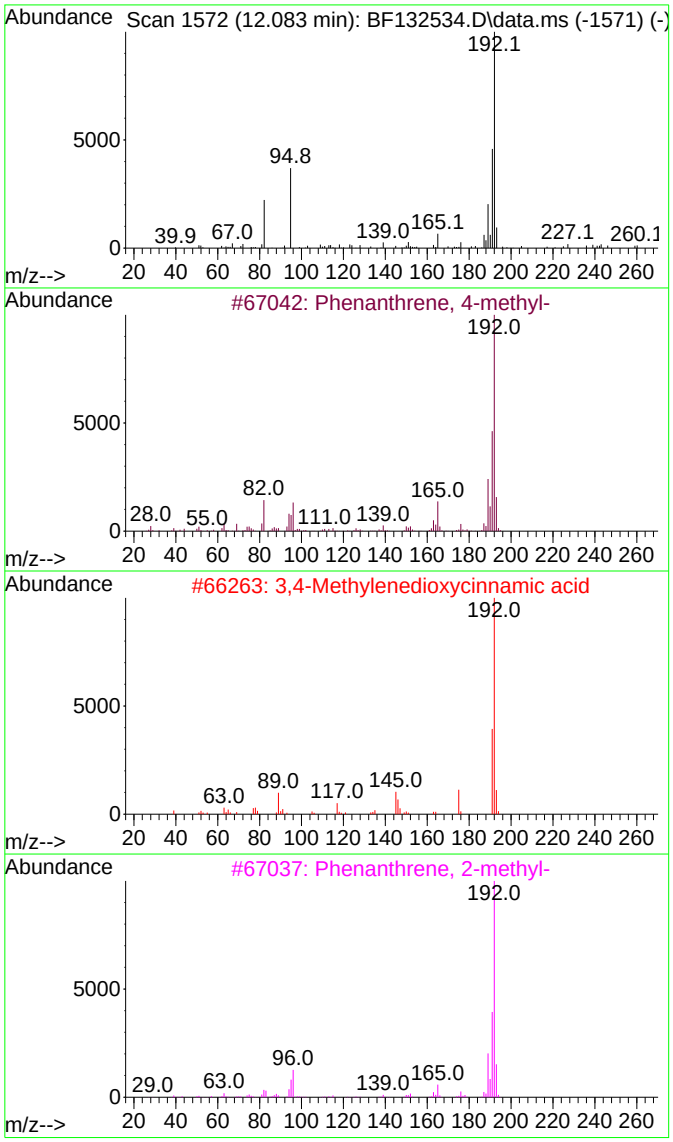
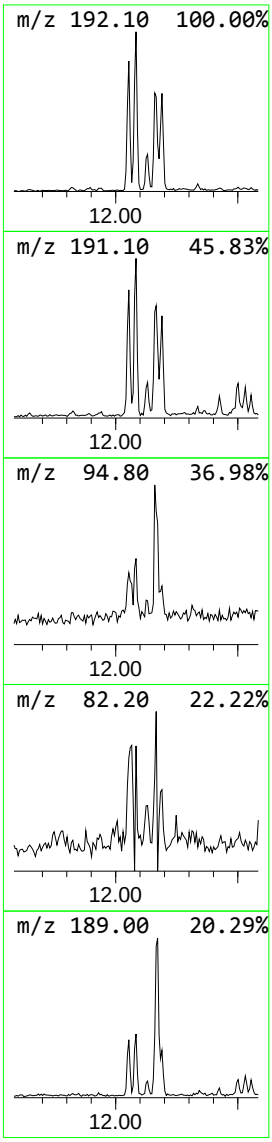
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.083	2.62 ng	99327	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	59
2	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	52
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	47





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

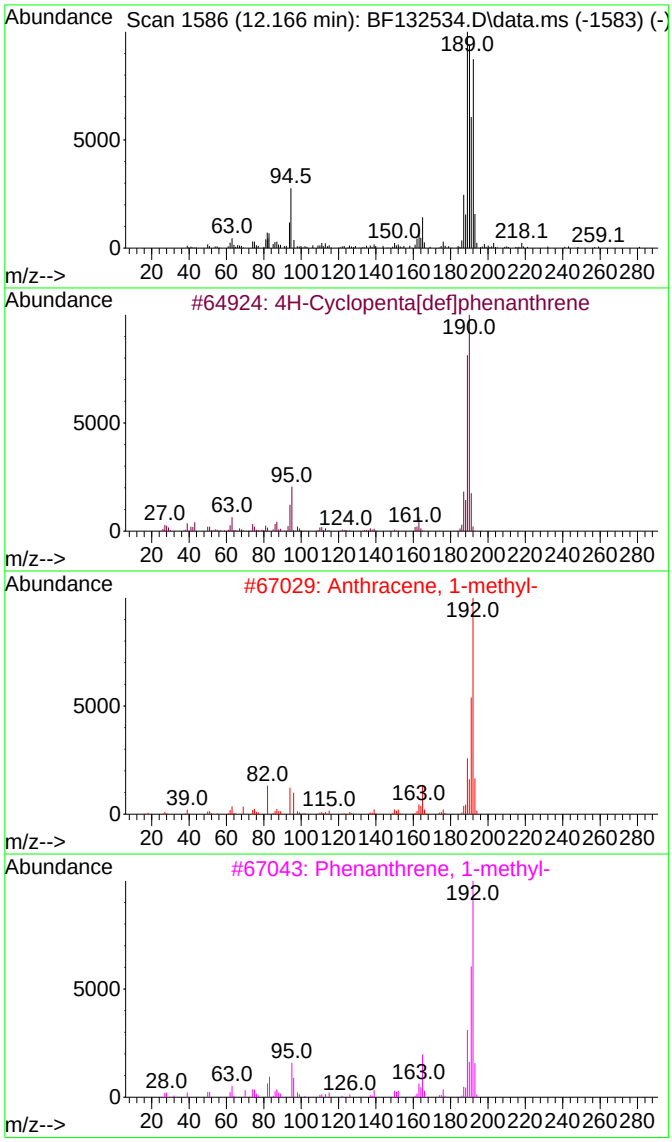
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

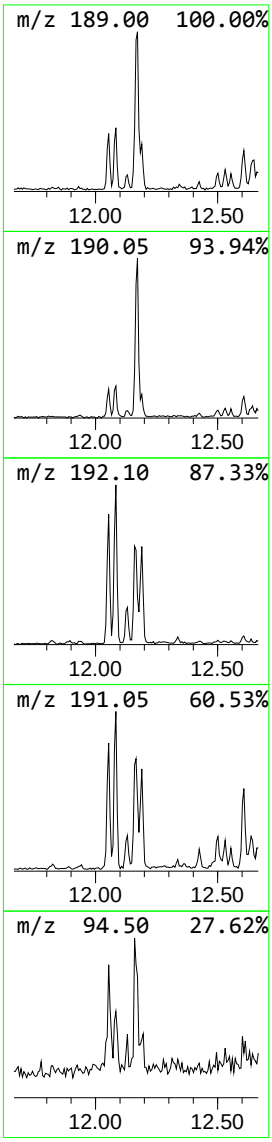
****

Peak Number 7 unknown12.166 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.166	5.21 ng	197663	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Data File : BF132534.D
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Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

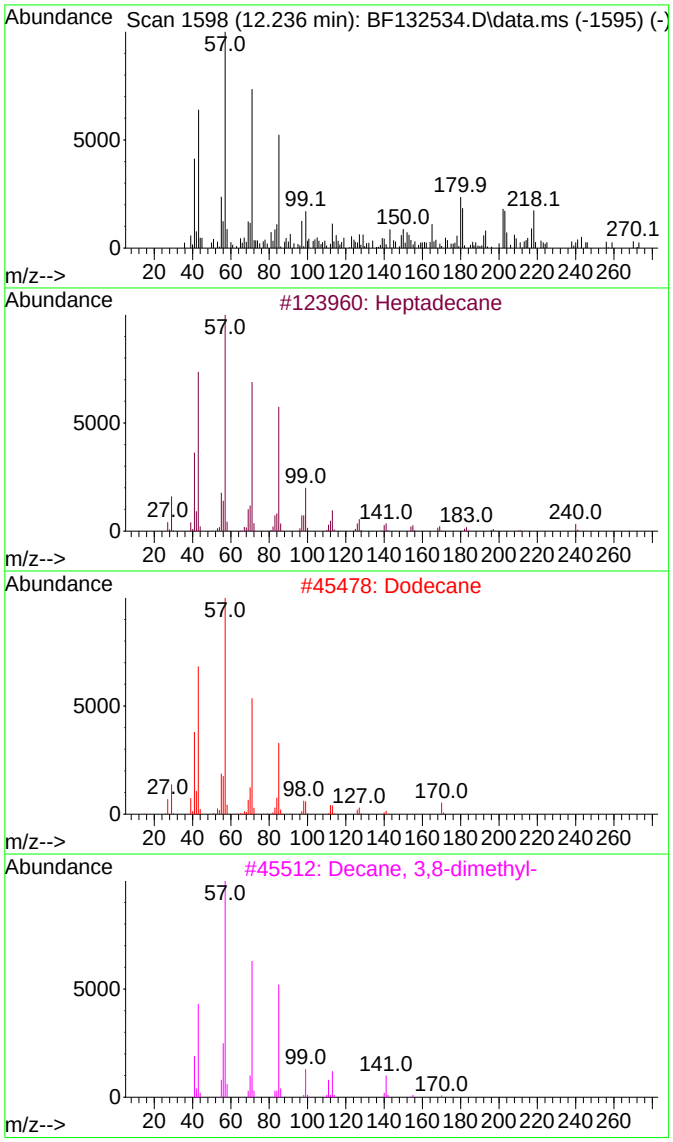
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

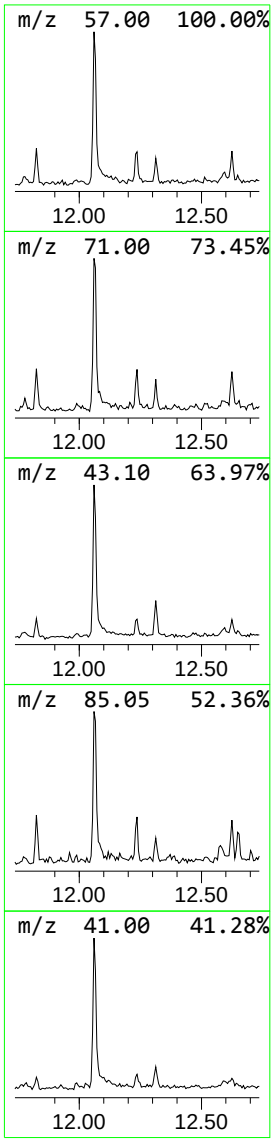
****

Peak Number 8 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.236	2.39 ng	90725	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Dodecane	170	C12H26	000112-40-3	60
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Heneicosane	296	C21H44	000629-94-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132534.D
Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

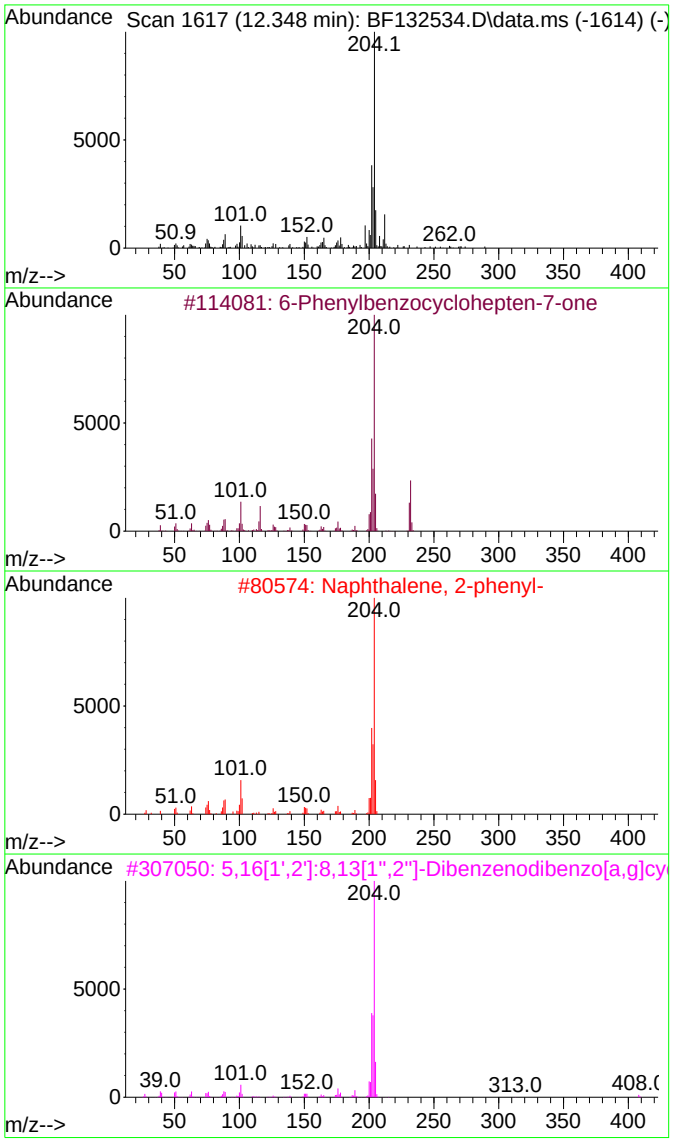
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

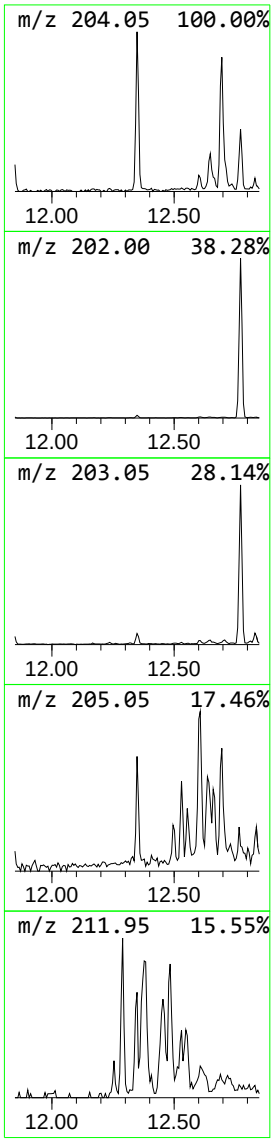
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.348	2.09 ng	79159	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

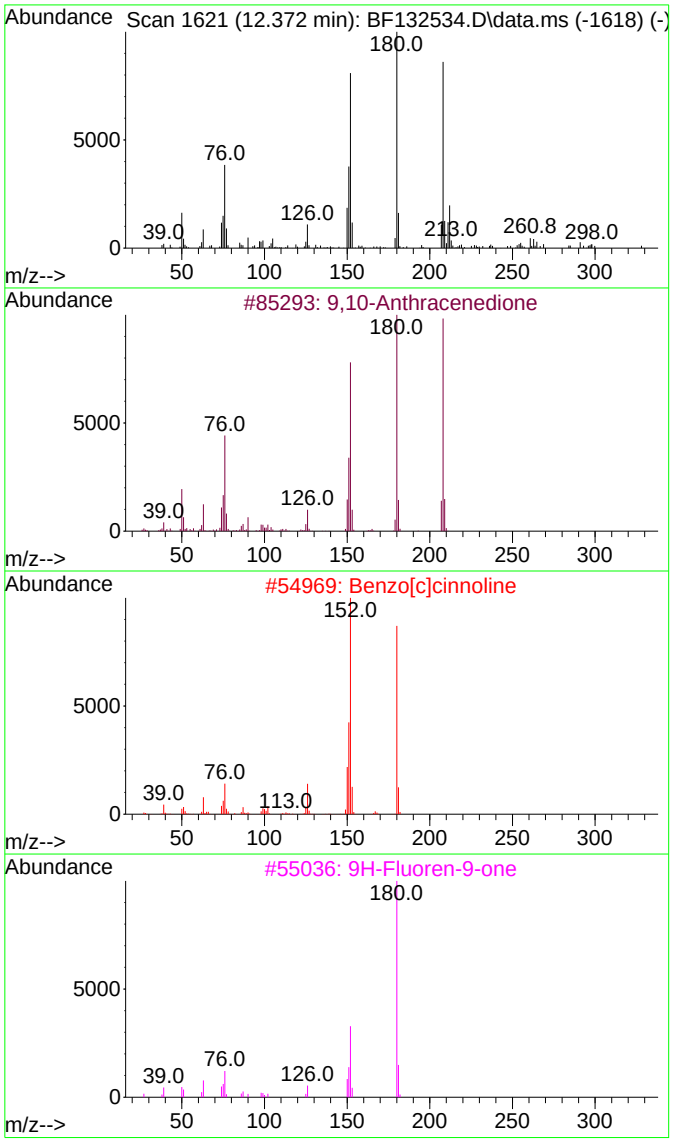
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

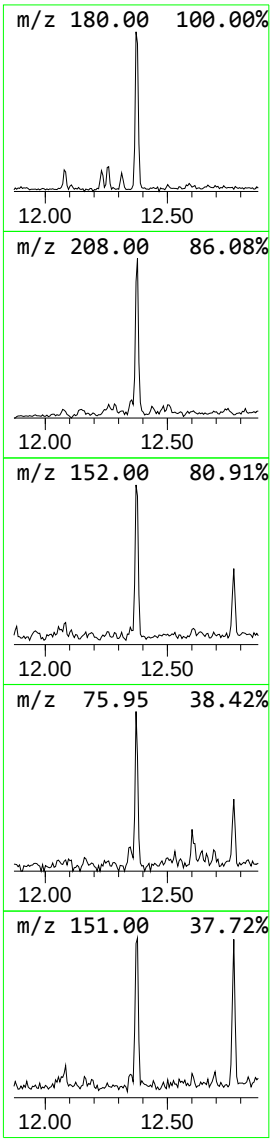
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	4.69 ng	177651	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

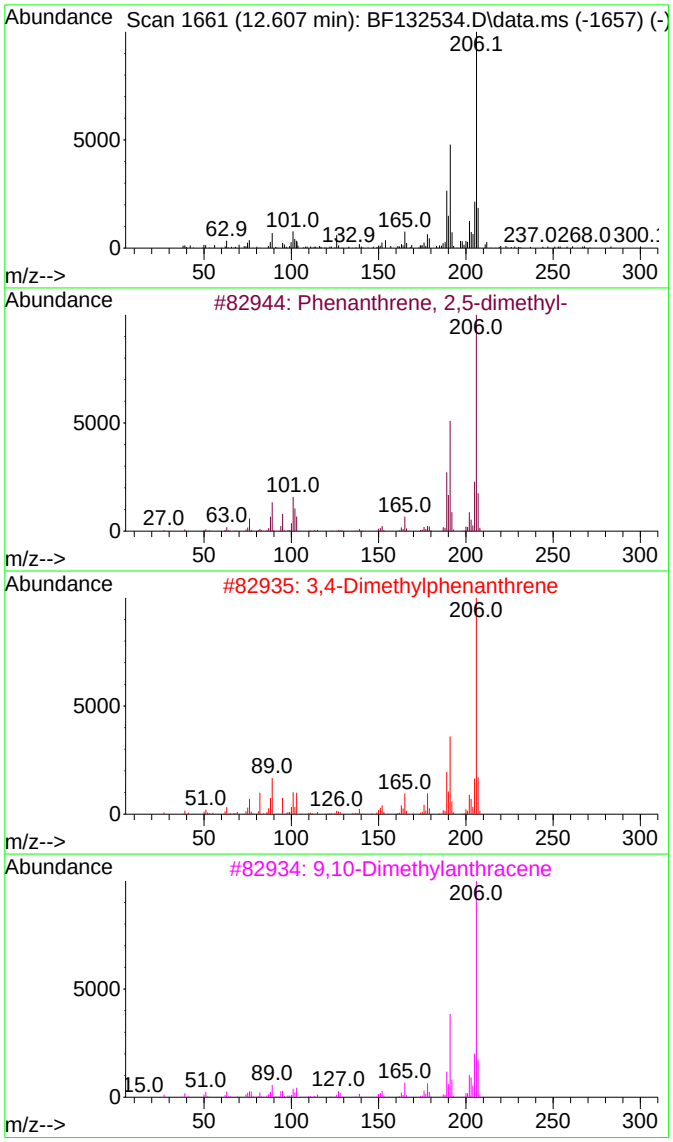
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

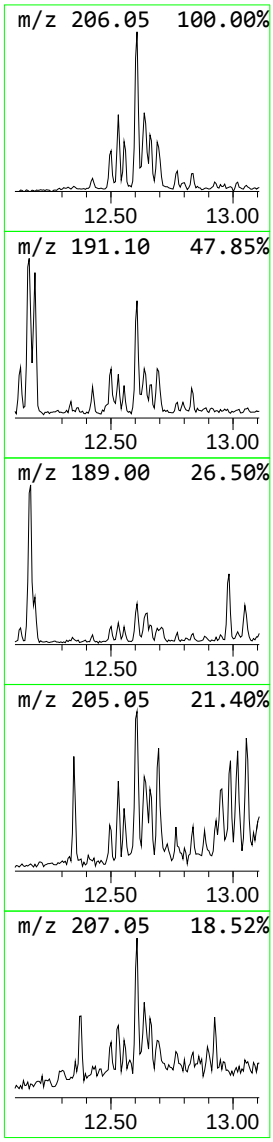
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.607	3.09 ng	117216	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





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Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-352

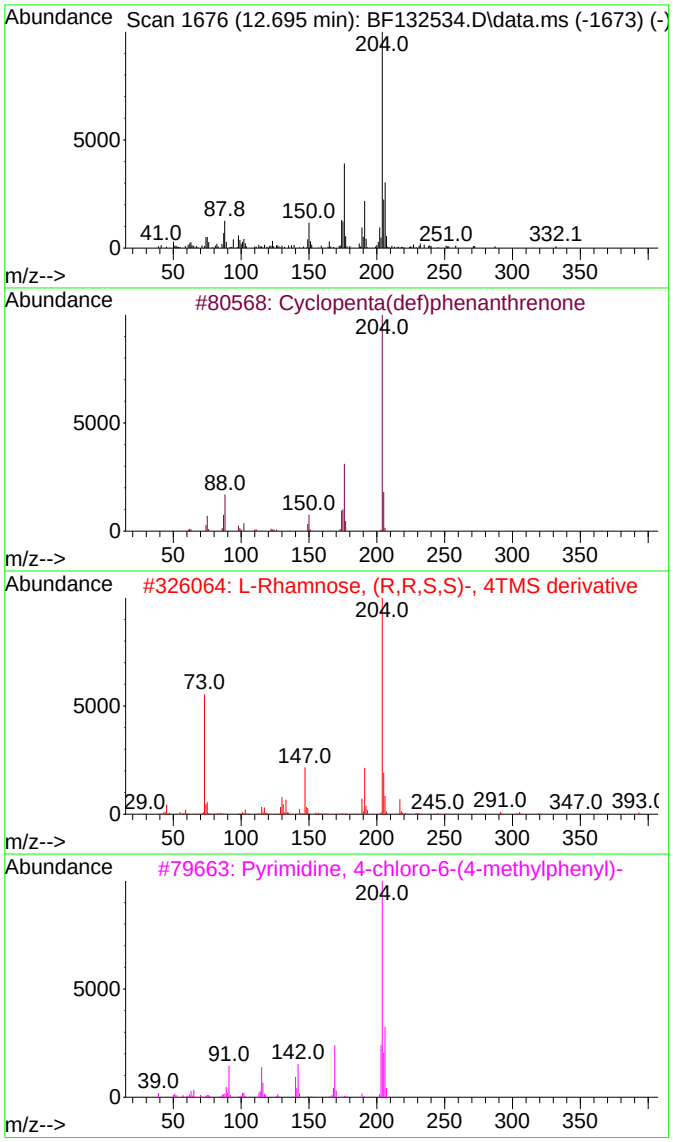
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

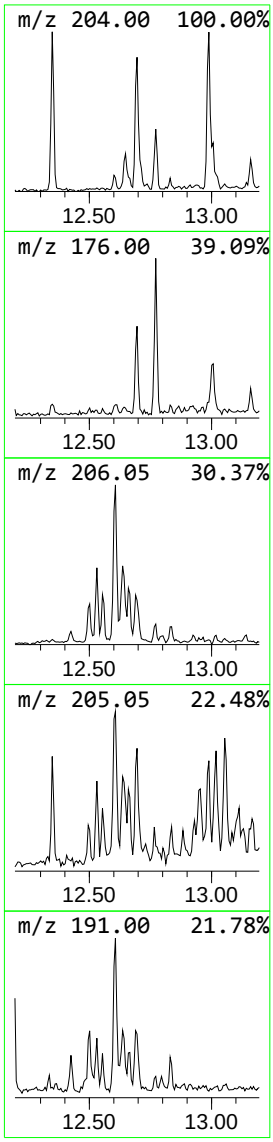
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	2.55 ng	96582	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	40





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Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

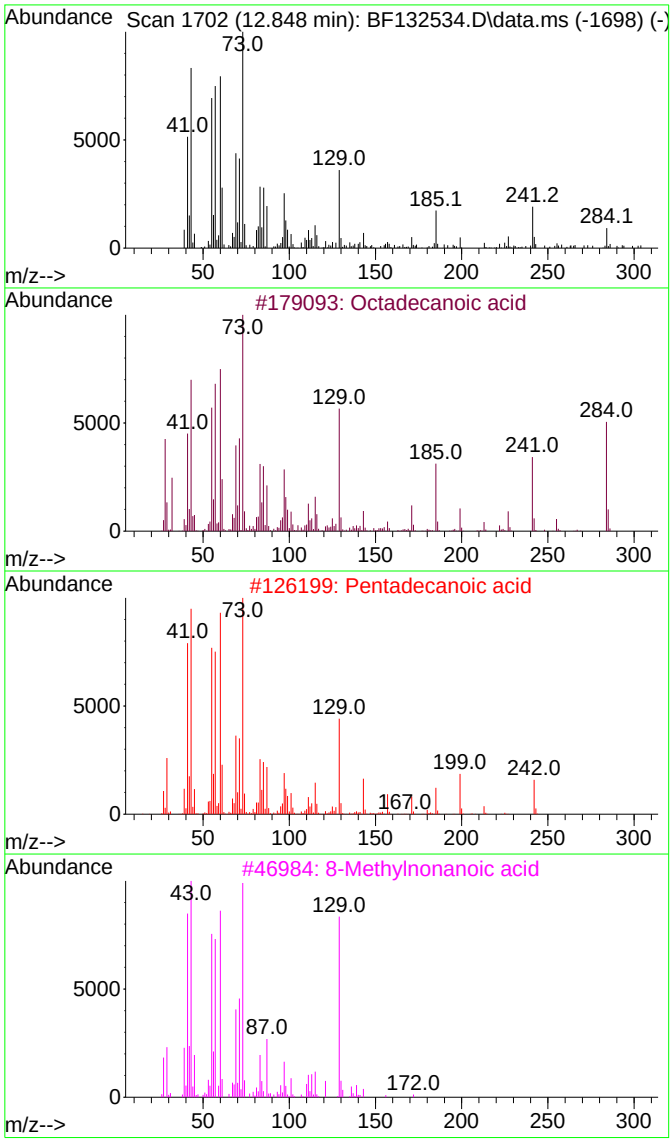
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

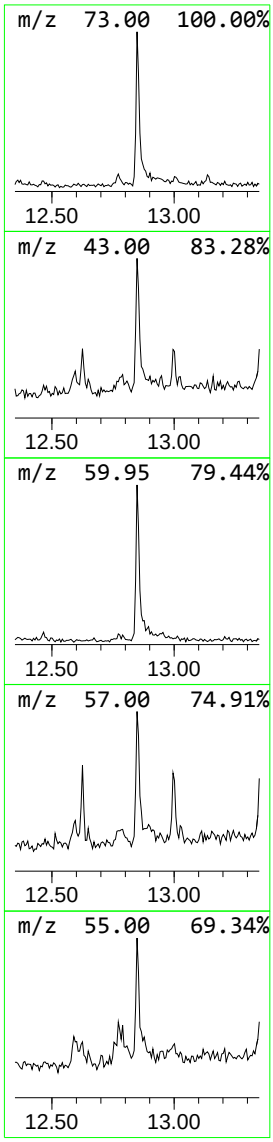
****

Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.848	5.38 ng	204074	Phenanthrene-d10	11.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60
4	Hexadecane	226	C16H34	000544-76-3	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45





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Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

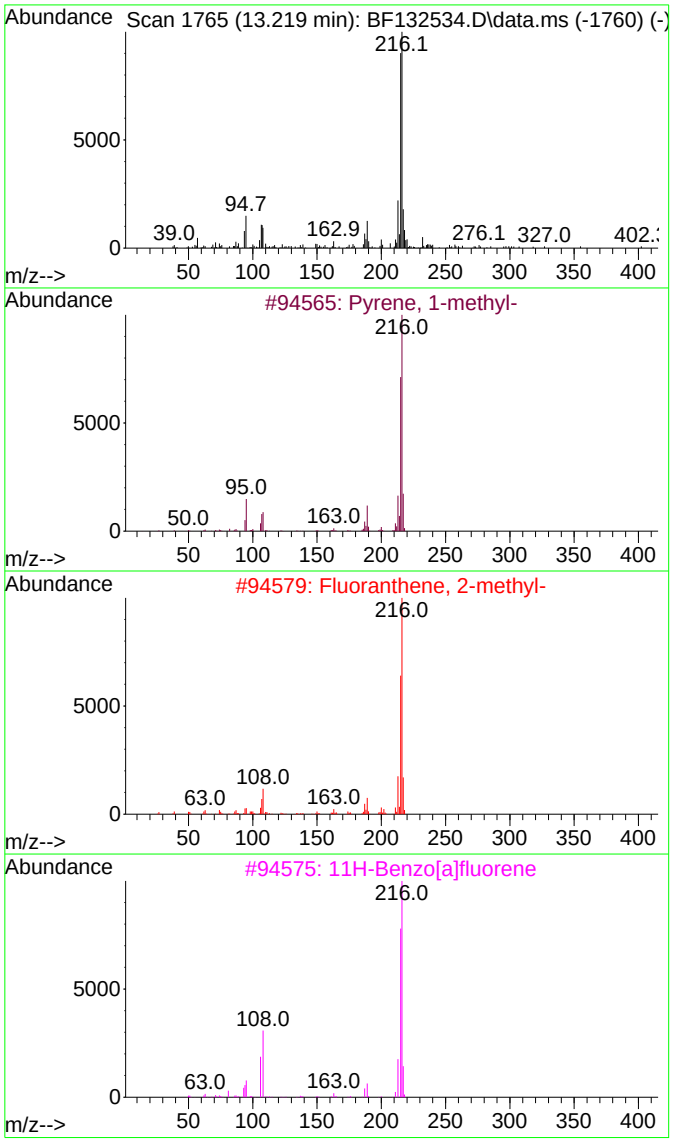
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

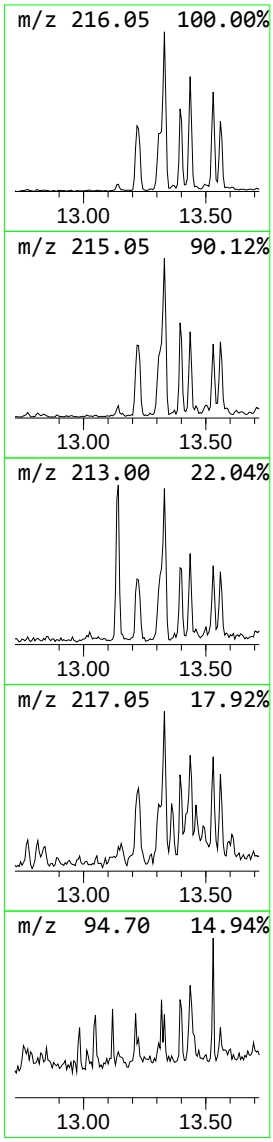
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	2.34 ng	172275	Chrysene-d12	14.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

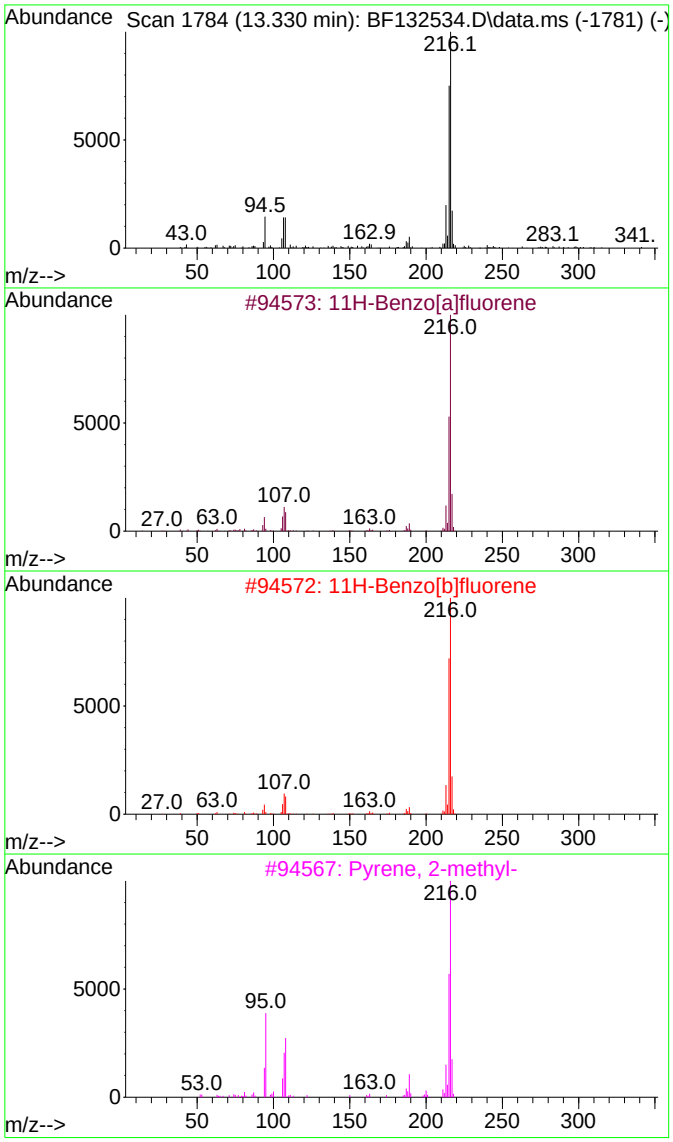
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

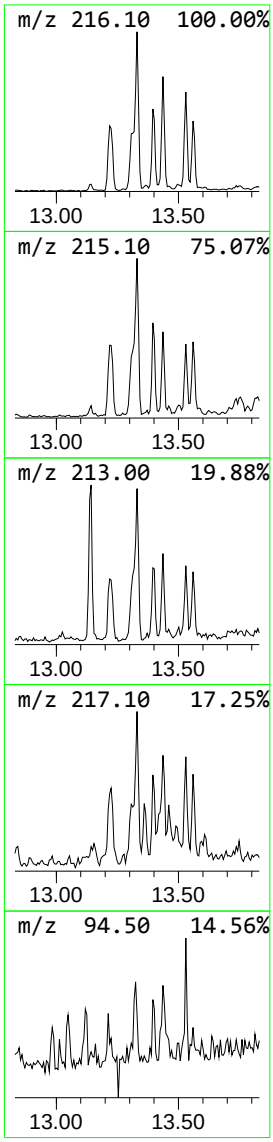
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	2.28 ng	167703	Chrysene-d12	14.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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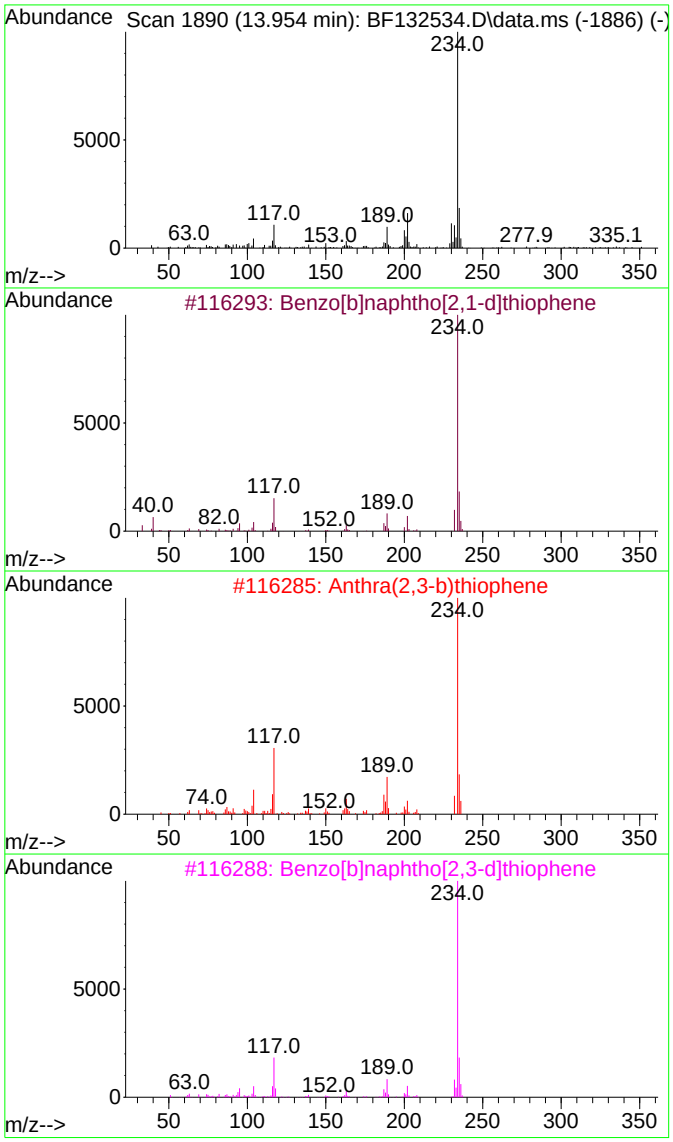
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

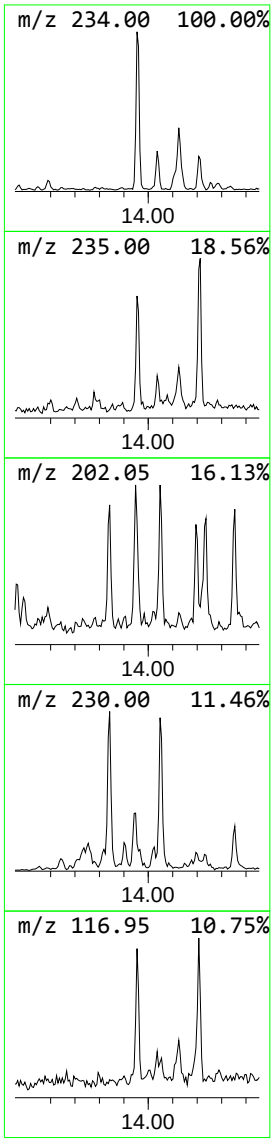
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	2.37 ng	174286	Chrysene-d12	14.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	74
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74





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Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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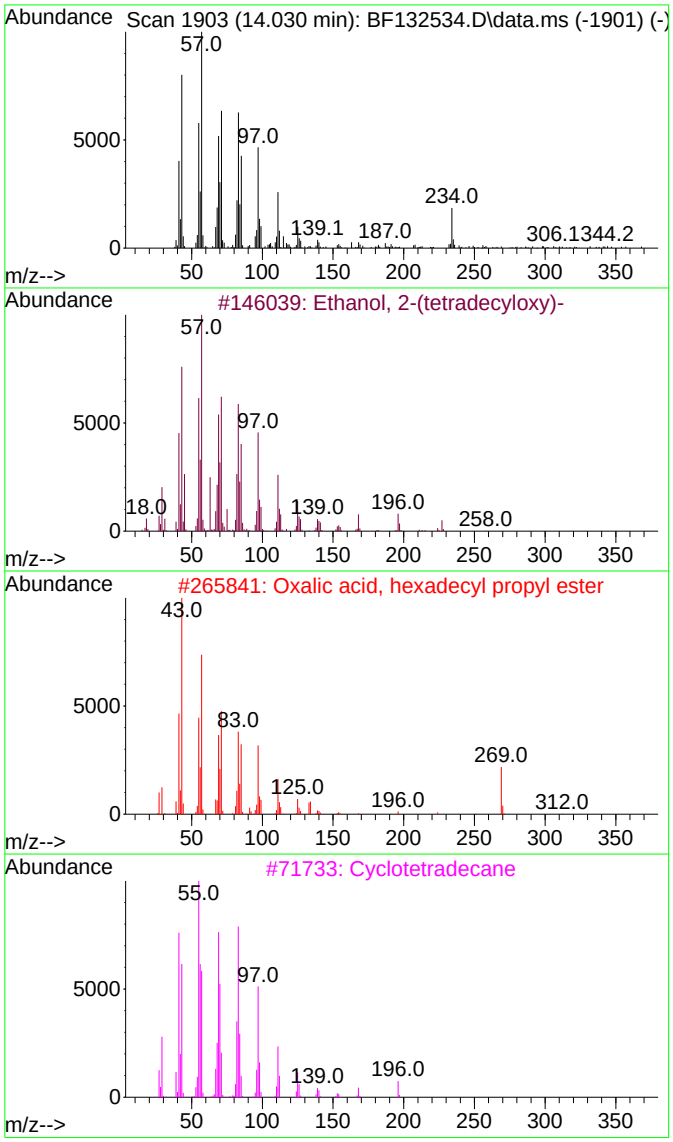
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

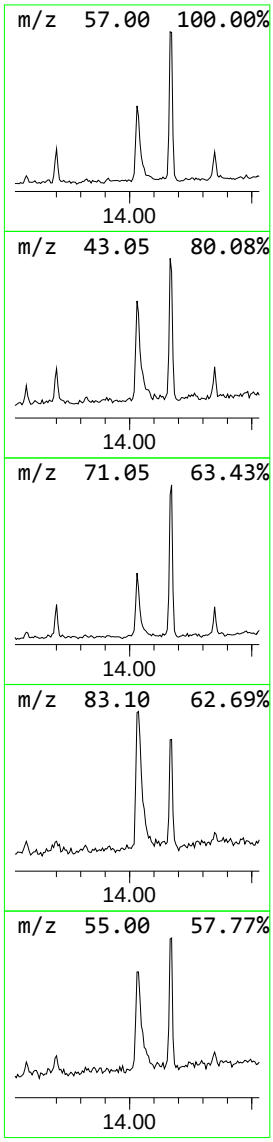
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	7.31 ng	537027	Chrysene-d12	14.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	90
3	Cyclotetradecane	196	C14H28	000295-17-0	90
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87





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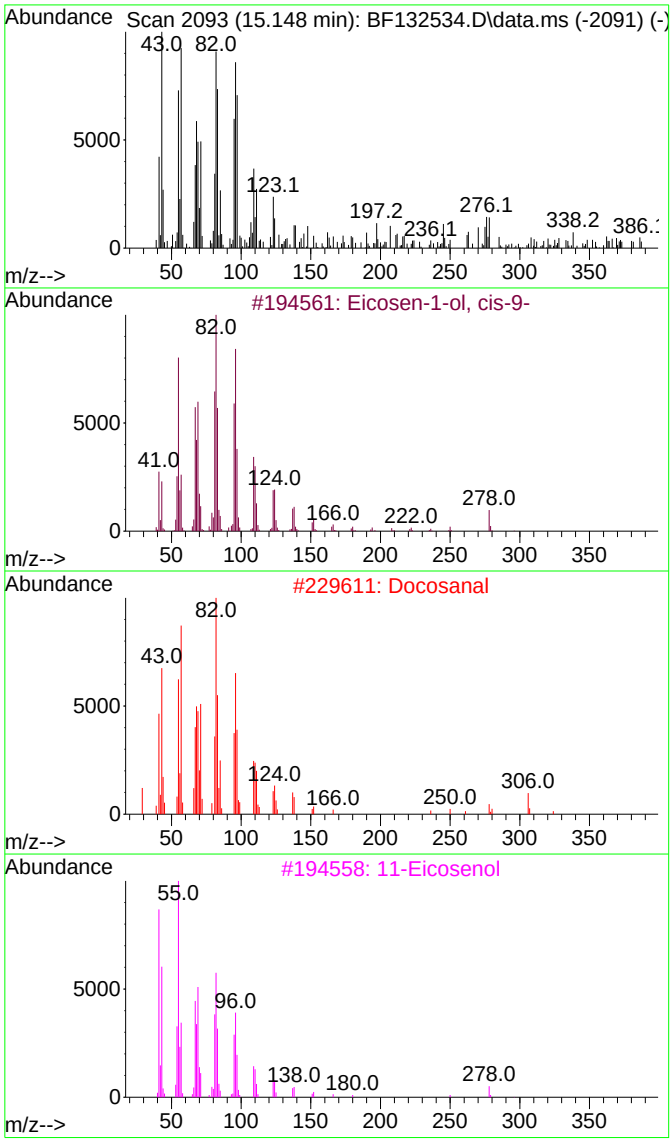
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

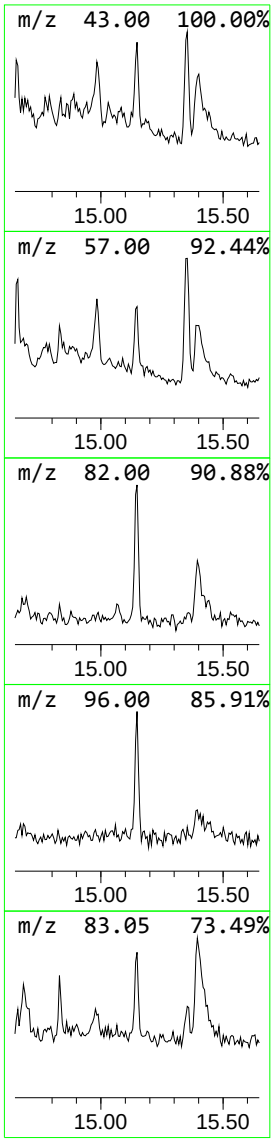
****

Peak Number 18 Eicosen-1-ol, cis-9- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.148	3.76 ng	112174	Perylene-d12	15.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosen-1-ol, cis-9-	296	C20H40O	112248-30-3	91
2	Docosanal	324	C22H44O	057402-36-5	89
3	11-Eicosenol	296	C20H40O	1010424-20-3	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	80
5	Octadecanal	268	C18H36O	000638-66-4	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

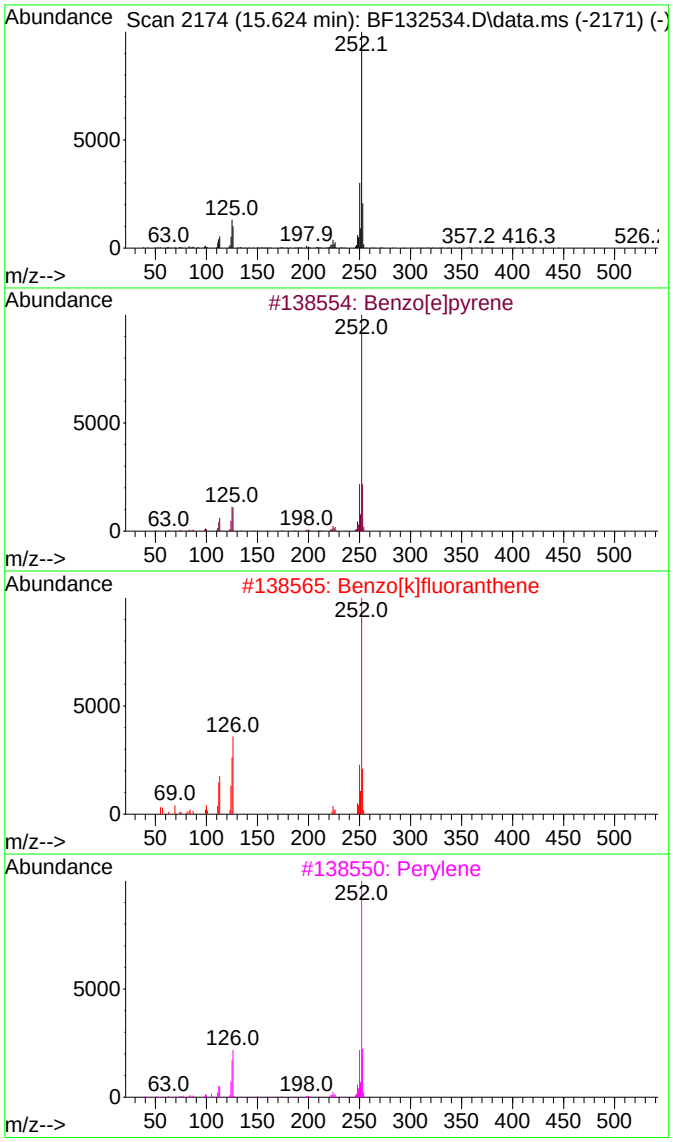
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

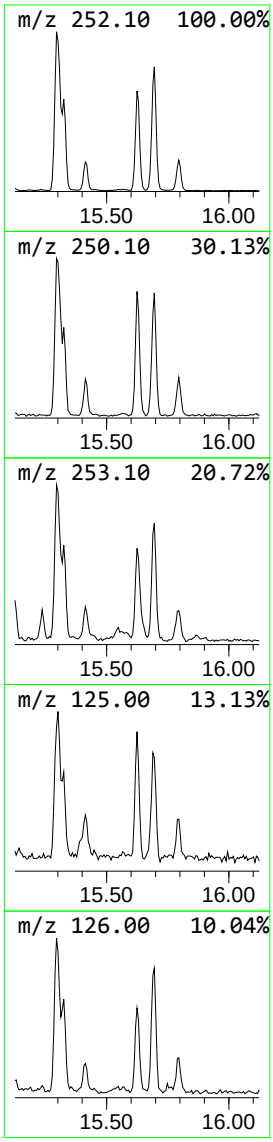
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.624	10.87 ng	324257	Perylene-d12	15.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BF132534.D
Acq On : 23 Feb 2023 22:32
Operator : CG\JU
Sample : 01645-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETGI-352

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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-...	5.243	39.4	ng	1573680	1	7.007	798013	20.0
Benzophenone	10.766	5.3	ng	225611	3	10.054	854489	20.0
n-Hexadecanoic ...	12.060	15.6	ng	589910	4	11.548	758332	20.0
Phenanthrene, 4...	12.083	2.6	ng	99327	4	11.548	758332	20.0
unknown12.166	12.166	5.2	ng	197663	4	11.548	758332	20.0
Heptadecane	12.236	2.4	ng	90725	4	11.548	758332	20.0
6-Phenylbenzocy...	12.348	2.1	ng	79159	4	11.548	758332	20.0
9,10-Anthracene...	12.372	4.7	ng	177651	4	11.548	758332	20.0
Phenanthrene, 2...	12.607	3.1	ng	117216	4	11.548	758332	20.0
Cyclopenta(def)...	12.695	2.5	ng	96582	4	11.548	758332	20.0
Octadecanoic acid	12.848	5.4	ng	204074	4	11.548	758332	20.0
Pyrene, 1-methyl-	13.219	2.3	ng	172275	5	14.207	1469880	20.0
11H-Benzo[a]flu...	13.330	2.3	ng	167703	5	14.207	1469880	20.0
Benzo[b]naphtho...	13.954	2.4	ng	174286	5	14.207	1469880	20.0
Ethanol, 2-(tet...	14.030	7.3	ng	537027	5	14.207	1469880	20.0
Eicosen-1-ol, c...	15.148	3.8	ng	112174	6	15.760	596681	20.0
Benzo[e]pyrene	15.624	10.9	ng	324257	6	15.760	596681	20.0