LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	469	472	488	rVB	185163	264830	5.29%	0.583%
2	5.469	537	541	556	rBV	4540530	4321087	86.30%	9.516%
3	6.481	708	713	726	rBV	4233146	4311925	86.12%	9.496%
4	6.822	767	771	775	rBV	1012604	922681	18.43%	2.032%
5	7.392	862	868	871	rBV	2865896	2820975	56.34%	6.213%
6	8.104	984	989	991	rBV	1362623	1239810	24.76%	2.730%
7	8.122	991	992	999	rVB	95232	79035	1.58%	0.174%
8	9.180	1166	1172	1175	rBV	5368460	5006834	100.00%	11.027%
9	9.722	1260	1264	1269	rBV	99733	86616	1.73%	0.191%
10	9.857	1279	1287	1290	rBV	1603954	1310477	26.17%	2.886%
11	9.892	1290	1293	1296	rVB	68950	62361	1.25%	0.137%
12	10.063	1318	1322	1325	rBV2	61454	53083	1.06%	0.117%
13	10.404	1377	1380	1385	rVB	74006	70553	1.41%	0.155%
14	10.651	1418	1422	1426	rBV	2717312	2663878	53.20%	5.867%
15	11.345	1537	1540	1543	rBV	1184525	1178485	23.54%	2.595%
16	11.369	1543	1544	1548	rVV	855380	686916	13.72%	1.513%
17	11.422	1550	1553	1556	rVV	169084	147364	2.94%	0.325%
18	11.586	1575	1581	1585	rBV2	69435	95580	1.91%	0.210%
19	11.851	1622	1626	1628	rBV	143464	149058	2.98%	0.328%
20	11.880	1628	1631	1634	rVB	184084	180788	3.61%	0.398%
21	11.963	1641	1645	1647	rBV2	192615	208106	4.16%	0.458%
22	11.986	1647	1649	1654	rVB	99315	86506	1.73%	0.191%
23	12.145	1673	1676	1679	rBV	108673	93862	1.87%	0.207%
24	12.180	1679	1682	1686	rVB	101671	84437	1.69%	0.186%
25	12.398	1716	1719	1721	rBV	95767	86273	1.72%	0.190%
26	12.498	1732	1736	1739	rBV2	92600	109837	2.19%	0.242%
27	12.569	1744	1748	1751	rBV	1770309	1629403	32.54%	3.588%
28	12.651	1760	1762	1767	rVB2	119408	141941	2.83%	0.313%
29	12.716	1768	1773	1775	rBV2	54476	66421	1.33%	0.146%
30	12.751	1775	1779	1781	rVV3	127269	129226	2.58%	0.285%
31	12.774	1781	1783	1784	rVV	262996	219290	4.38%	0.483%
32	12.798	1784	1787	1792	rVB	1536160	1352807	27.02%	2.979%
33	12.845	1792	1795	1801	rVB2	76439	83348	1.66%	0.184%
34	12.933	1802	1810	1813	rBV	3690682	3284723	65.60%	7.234%
35	13.010	1819	1823	1828	rBV3	103002	184415	3.68%	0.406%
36	13.098	1835	1838	1840	rBV3	75932	103119	2.06%	0.227%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.121	1840	1842	1845	rVV2	139019	126439	2.53%	0.278%
38	13.192	1848	1854	1856	rBV	83911	90737	1.81%	0.200%
39	13.227	1856	1860	1863	rVV2	135170	145300	2.90%	0.320%
40	13.321	1873	1876	1879	rBV	78167	63608	1.27%	0.140%
41	13.351	1879	1881	1885	rBV3	75828	82075	1.64%	0.181%
42	13.639	1927	1930	1934	rBV	181535	151722	3.03%	0.334%
43	13.745	1945	1948	1950	rBV	172298	145922	2.91%	0.321%
44	13.768	1950	1952	1955	rVB	177651	143943	2.87%	0.317%
45	13.798	1955	1957	1959	rBV	115907	112606	2.25%	0.248%
46	13.851	1963	1966	1973	rVB2	204118	259310	5.18%	0.571%
47	13.957	1981	1984	1986	rBV	826406	683194	13.65%	1.505%
48	13.998	1986	1991	1993	rVV2	1125529	1622182	32.40%	3.573%
49	14.021	1993	1995	1999	rVB	720076	672811	13.44%	1.482%
50	14.104	2007	2009	2011	rVB	68853	51295	1.02%	0.113%
51	14.151	2015	2017	2022	rVV4	70317	83138	1.66%	0.183%
52	14.351	2048	2051	2052	rBV	54289	52396	1.05%	0.115%
53	14.386	2052	2057	2059	rVV	151920	160173	3.20%	0.353%
54	14.421	2060	2063	2064	rVV	67103	63650	1.27%	0.140%
55	14.439	2064	2066	2068	rVB	81531	67686	1.35%	0.149%
56	14.510	2076	2078	2080	rBV	72553	58071	1.16%	0.128%
57	14.733	2114	2116	2120	rVB3	62134	73721	1.47%	0.162%
58	14.886	2138	2142	2148	rBV2	180758	231981	4.63%	0.511%
59	15.039	2164	2168	2171	rBV	835487	1226053	24.49%	2.700%
60	15.068	2171	2173	2178	rVB2	497895	477799	9.54%	1.052%
61	15.151	2183	2187	2191	rBV	202489	266945	5.33%	0.588%
62	15.233	2198	2201	2207	rVB4	59628	109941	2.20%	0.242%
63	15.292	2207	2211	2214	rBV4	31601	55760	1.11%	0.123%
64	15.345	2215	2220	2226	rVB	494919	615530	12.29%	1.356%
65	15.404	2226	2230	2235	rBV	646492	835150	16.68%	1.839%
66	15.468	2237	2241	2244	rVV	722062	843900	16.85%	1.859%
67	15.498	2244	2246	2252	rVB2	180935	239617	4.79%	0.528%
68	15.645	2267	2271	2276	rBV4	79121	125500	2.51%	0.276%
69	15.868	2306	2309	2314	rVB	73801	94024	1.88%	0.207%
70	16.945	2485	2492	2500	rBV2	352214	680210	13.59%	1.498%
71	17.121	2517	2522	2527	rBV2	67580	161711	3.23%	0.356%
72	17.186	2528	2533	2541	rVB5	61063	199202	3.98%	0.439%
73	17.392	2562	2568	2578	rVB	226417	466243	9.31%	1.027%
74	17.545	2589	2594	2602	rVB10	67394	158960	3.17%	0.350%
75	17.645	2606	2611	2623	rVB3	65135	192283	3.84%	0.423%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

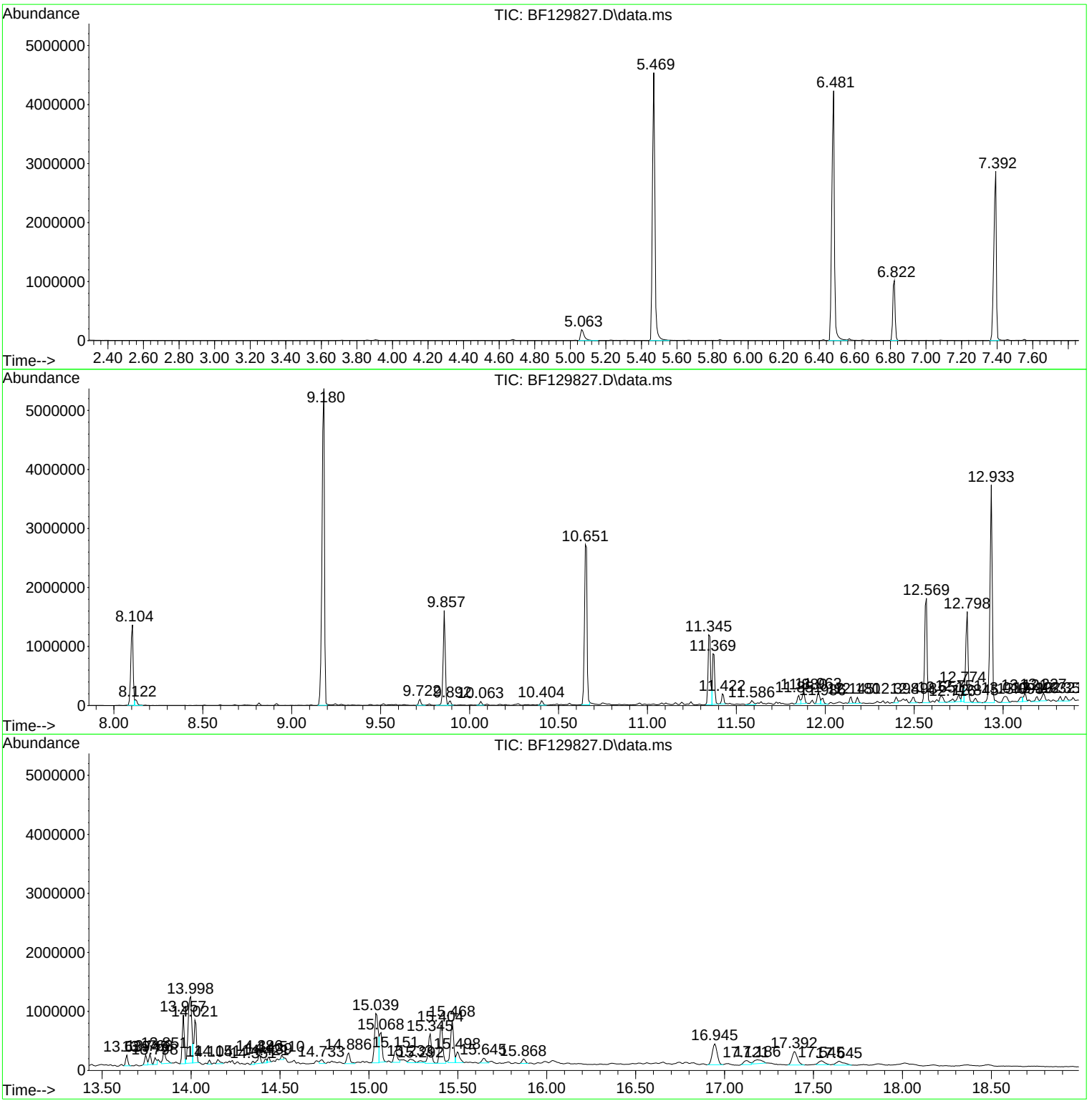
Sum of corrected areas: 45406838

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

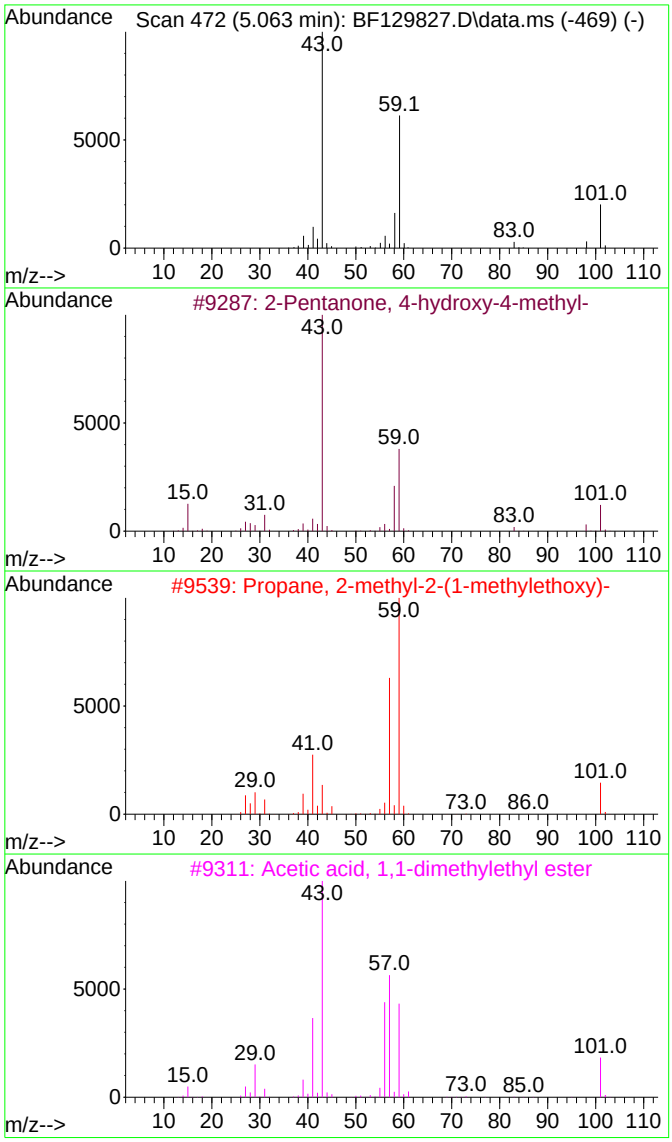
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

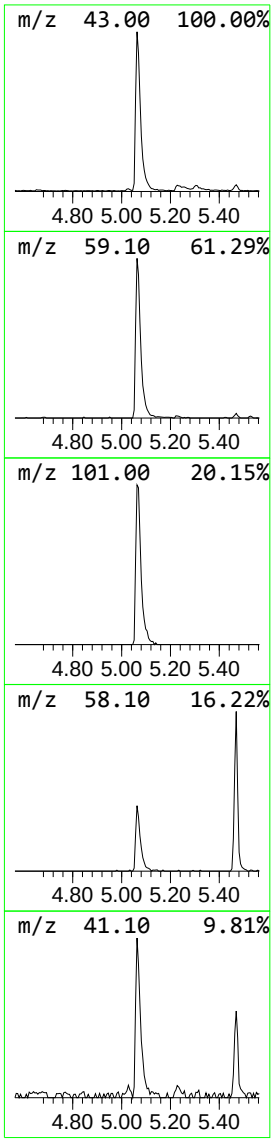
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	5.74 ng	264830	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

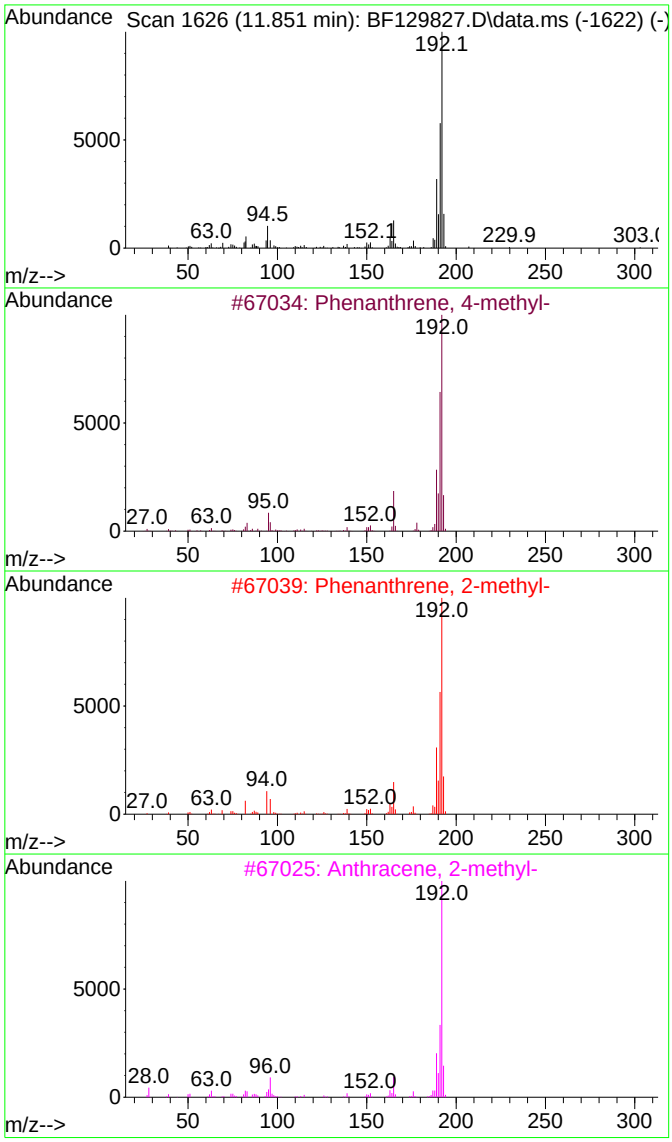
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

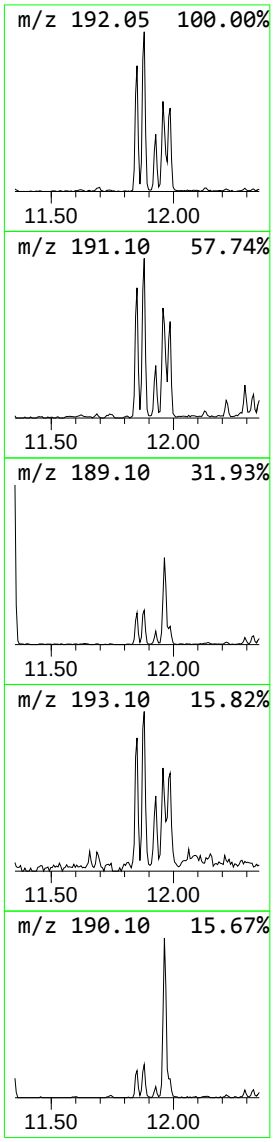
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.53 ng	149058	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

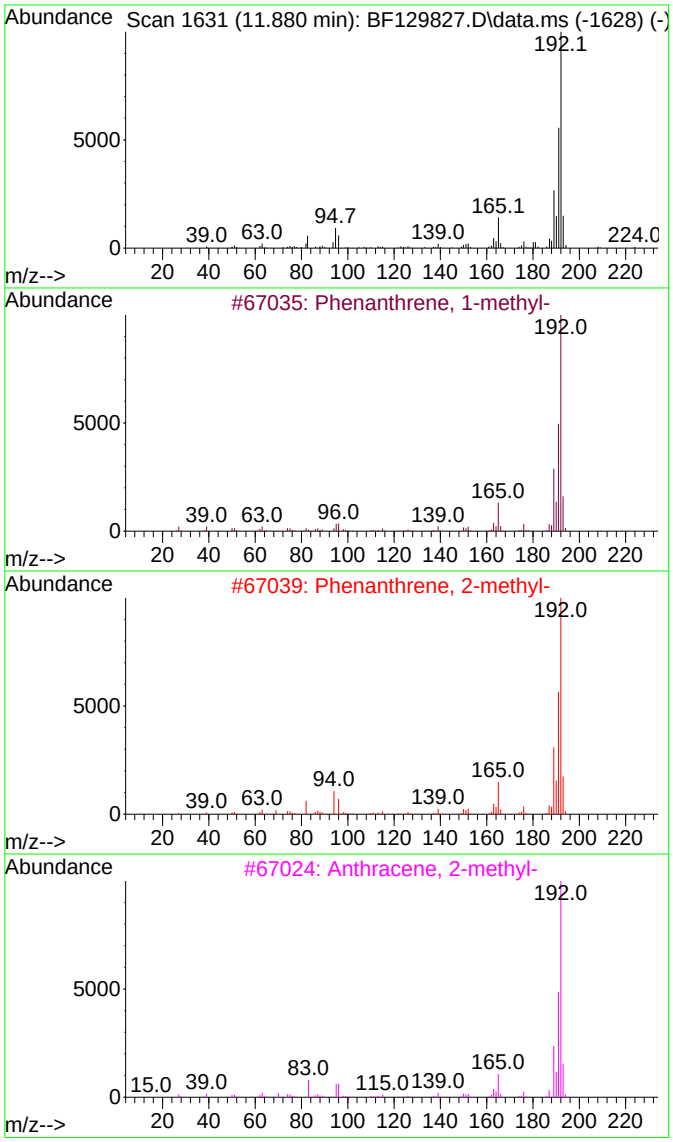
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

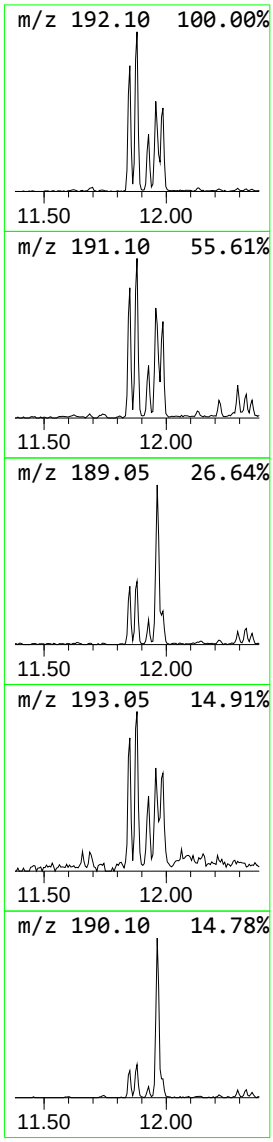
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	3.07 ng	180788	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

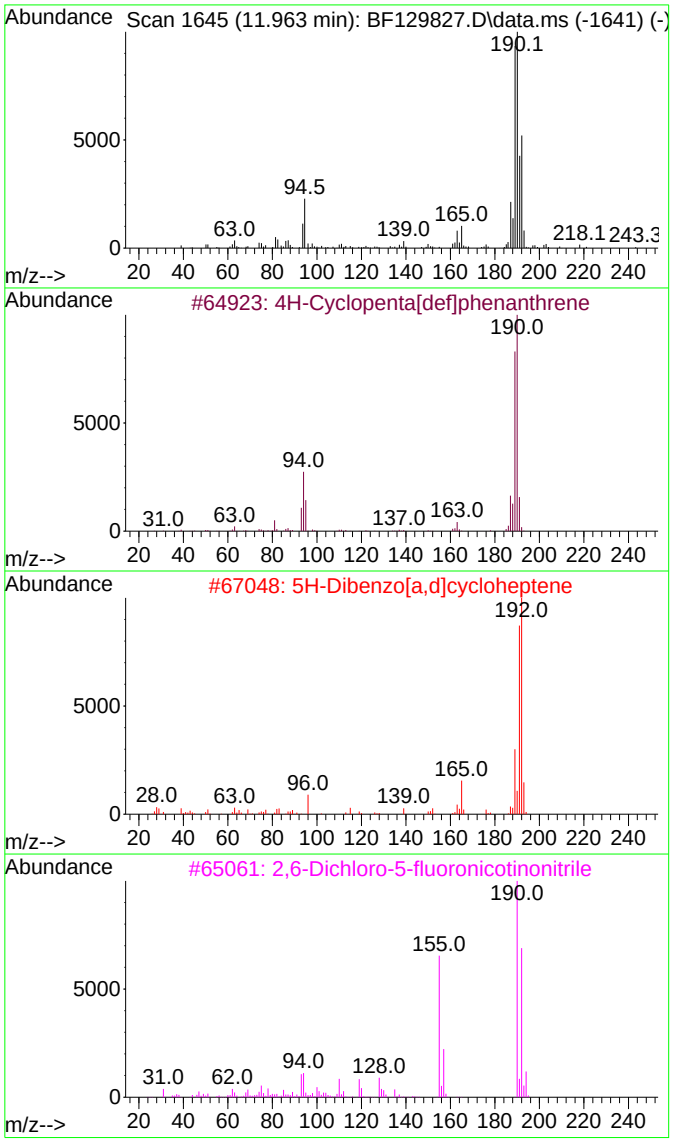
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

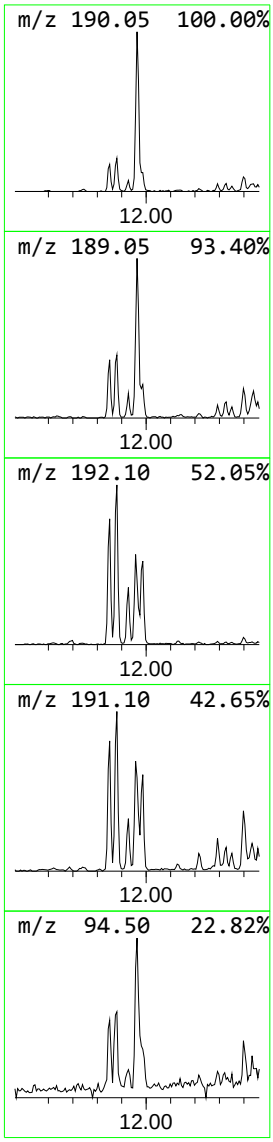
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.53 ng	208106	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3	2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	25
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

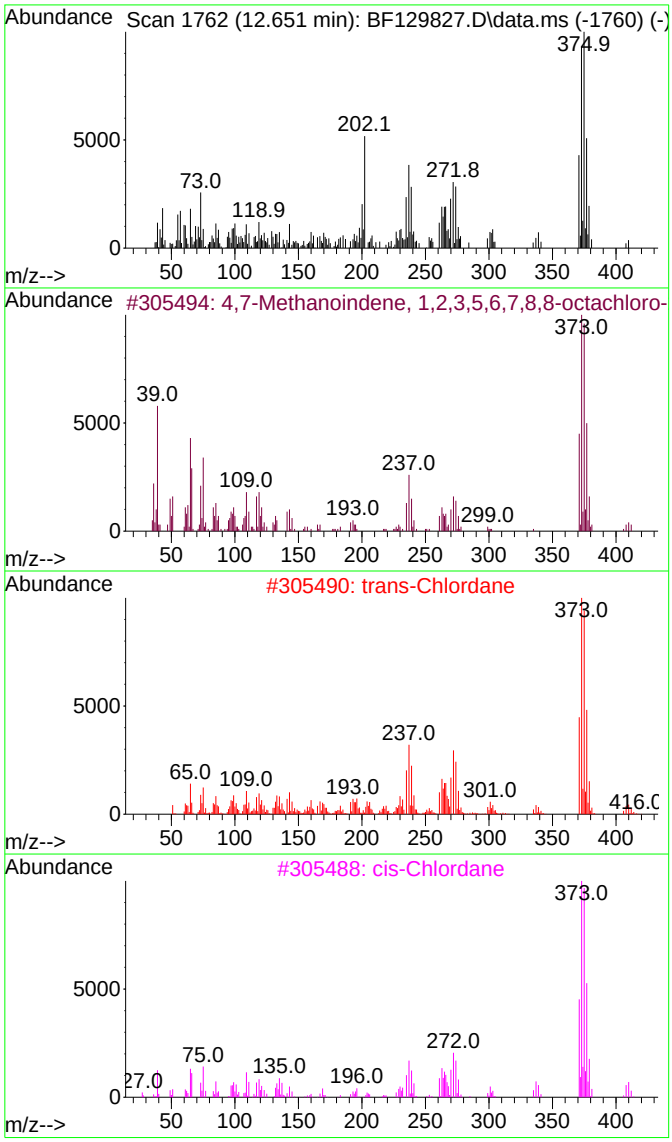
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

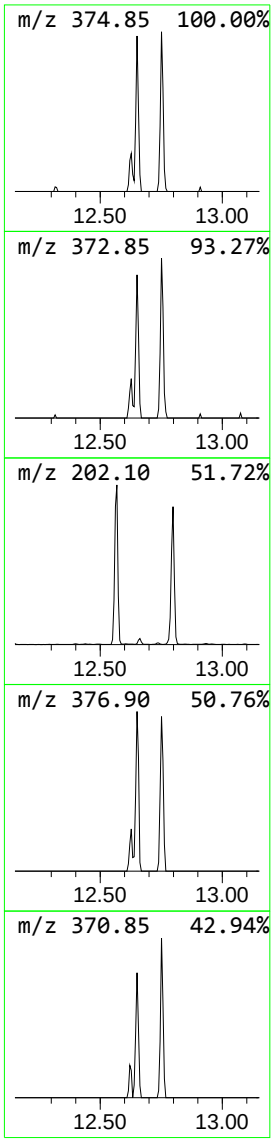
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4,7-Methanoindene, 1,2,3,5,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	2.41 ng	141941	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	94
2	trans-Chlordane	406	C10H6Cl8	005103-74-2	94
3	cis-Chlordane	406	C10H6Cl8	005103-71-9	64
4	Chlordane	406	C10H6Cl8	000057-74-9	55
5	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

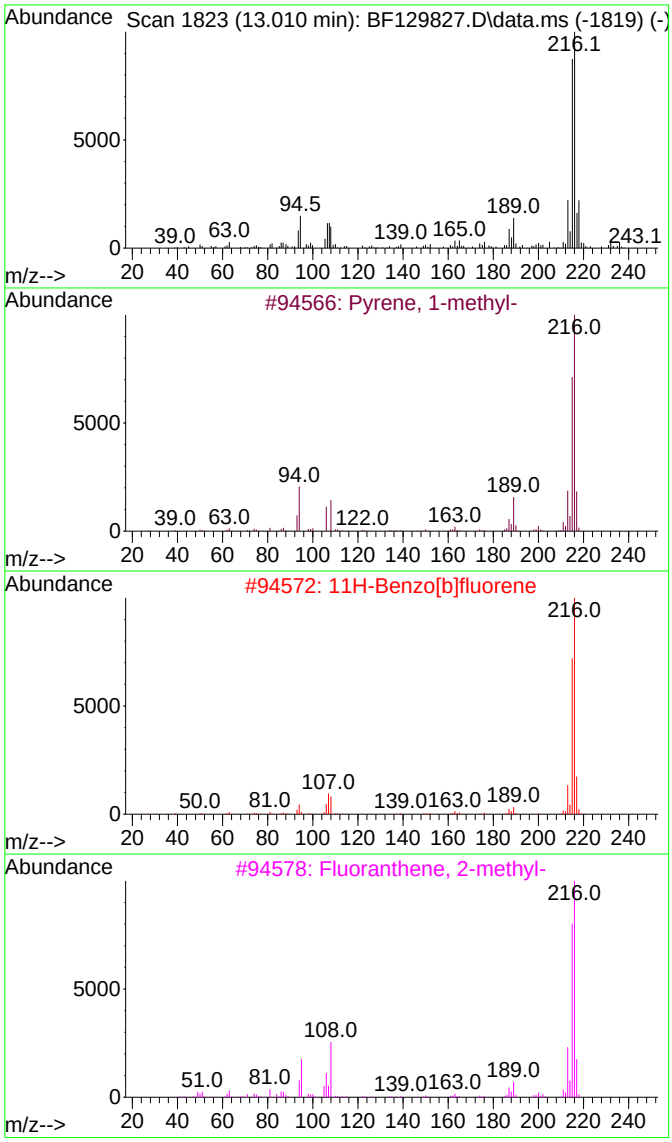
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

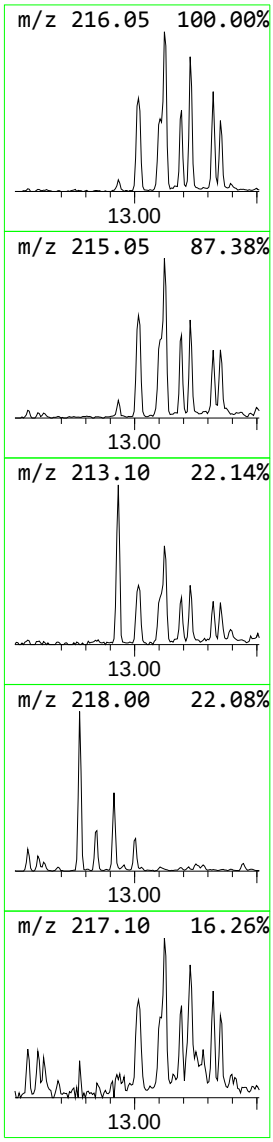
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	2.27 ng	184415	Chrysene-d12	13.998

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	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

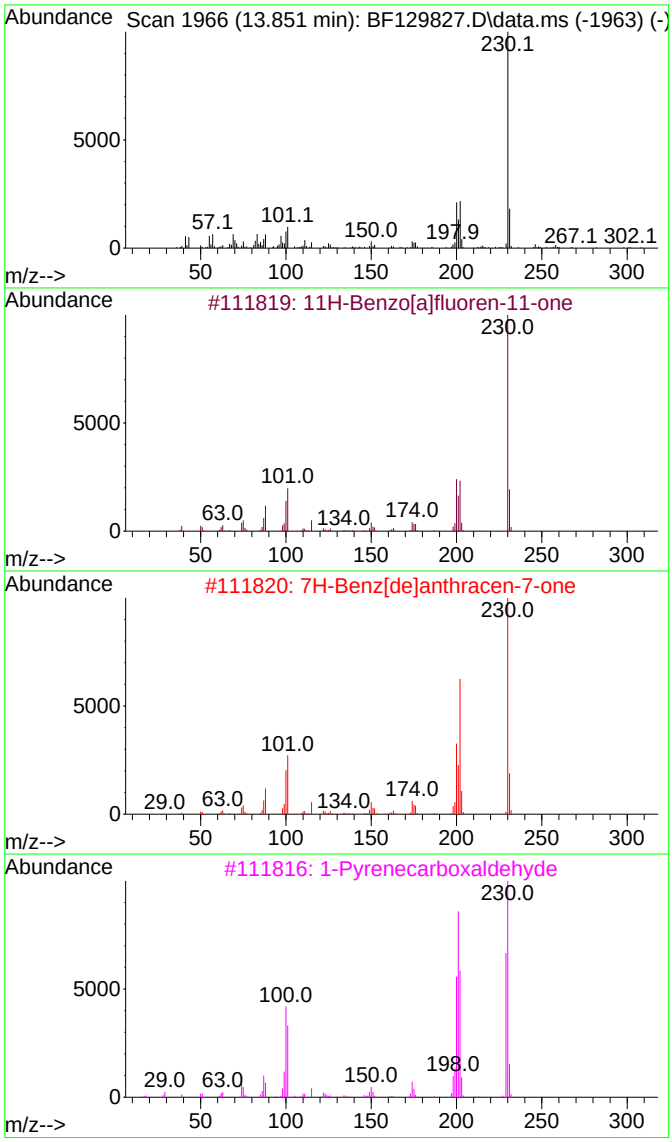
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

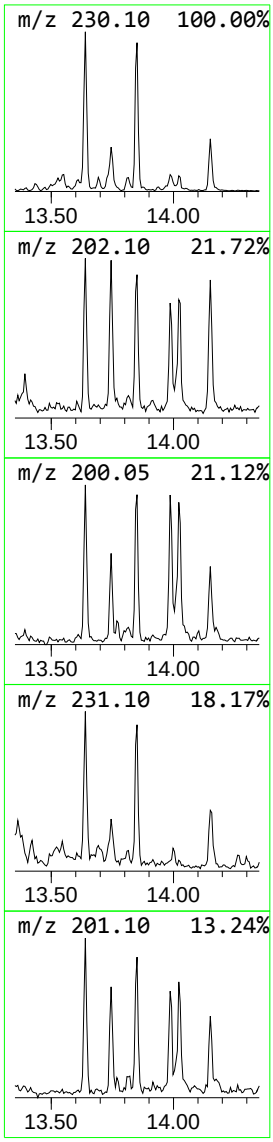
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.20 ng	259310	Chrysene-d12	13.998

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	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59





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Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

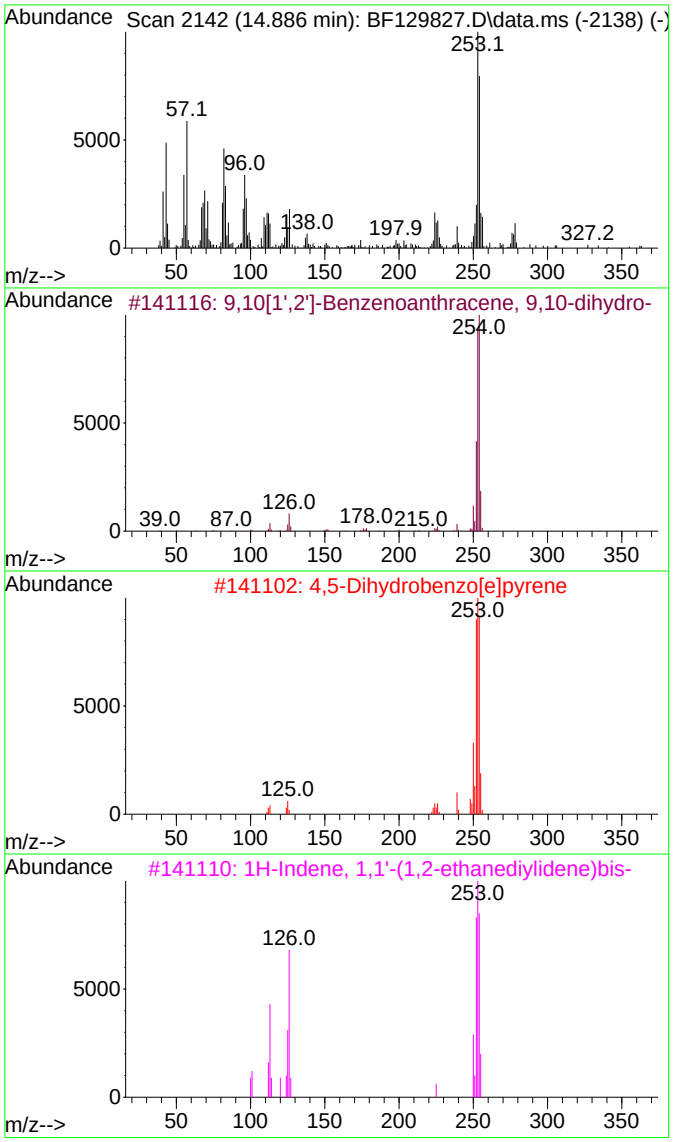
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

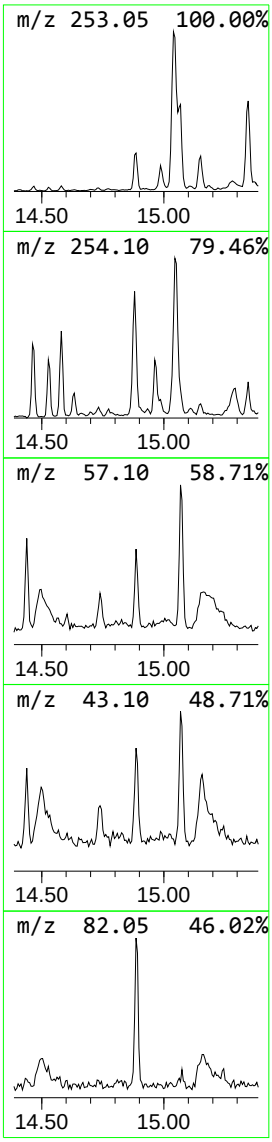
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10[1',2']-Benzenoanthrace... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	5.50 ng	231981	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	72
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	55
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	55





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Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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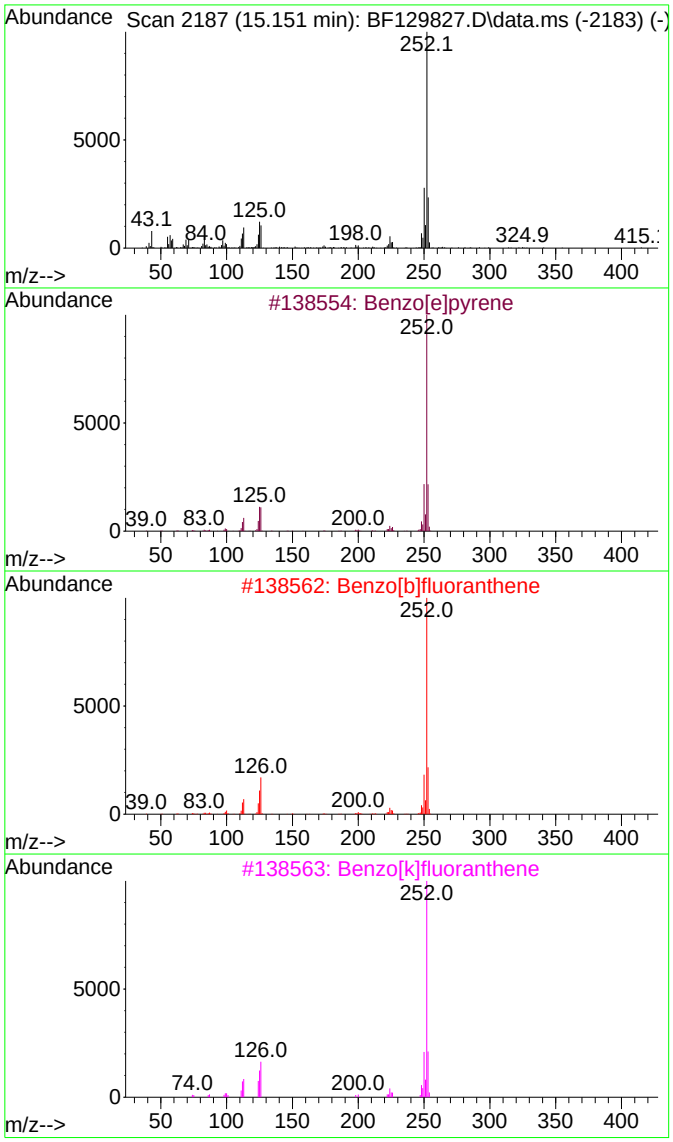
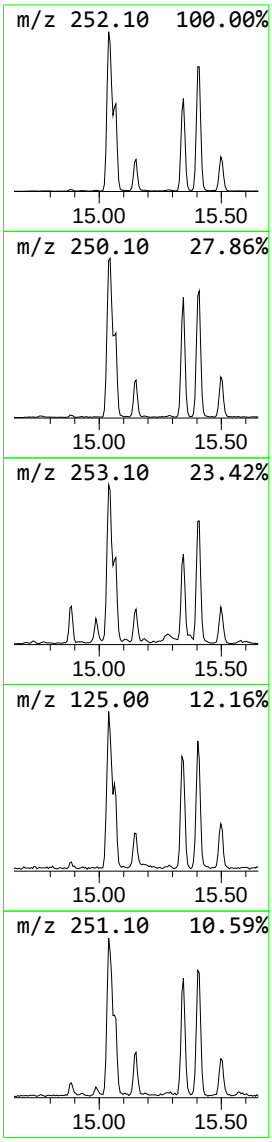
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	6.33 ng	266945	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	93





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Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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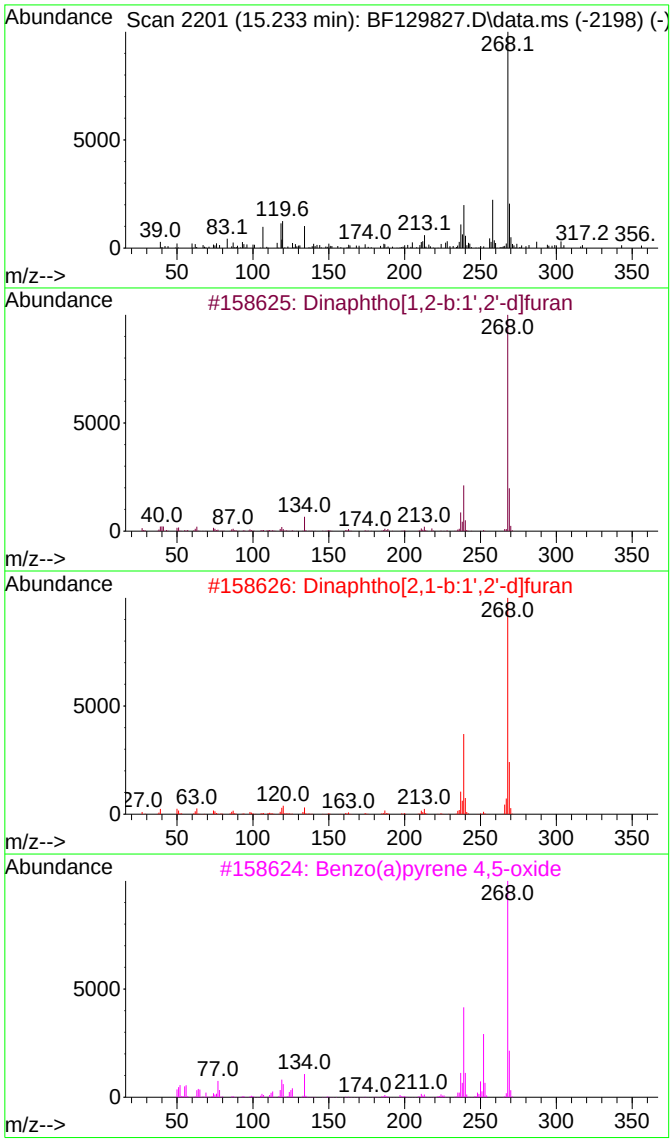
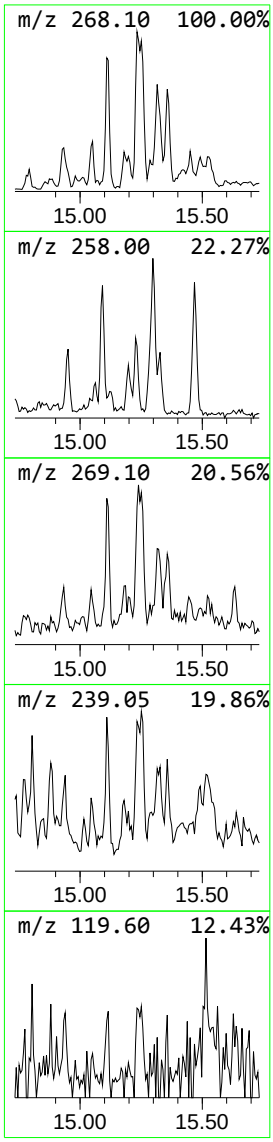
Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	2.61 ng	109941	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	81
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
4	2.6-Dihydroxyanthraquinone, dime...	268	C16H12O4	000963-96-2	53
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53





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Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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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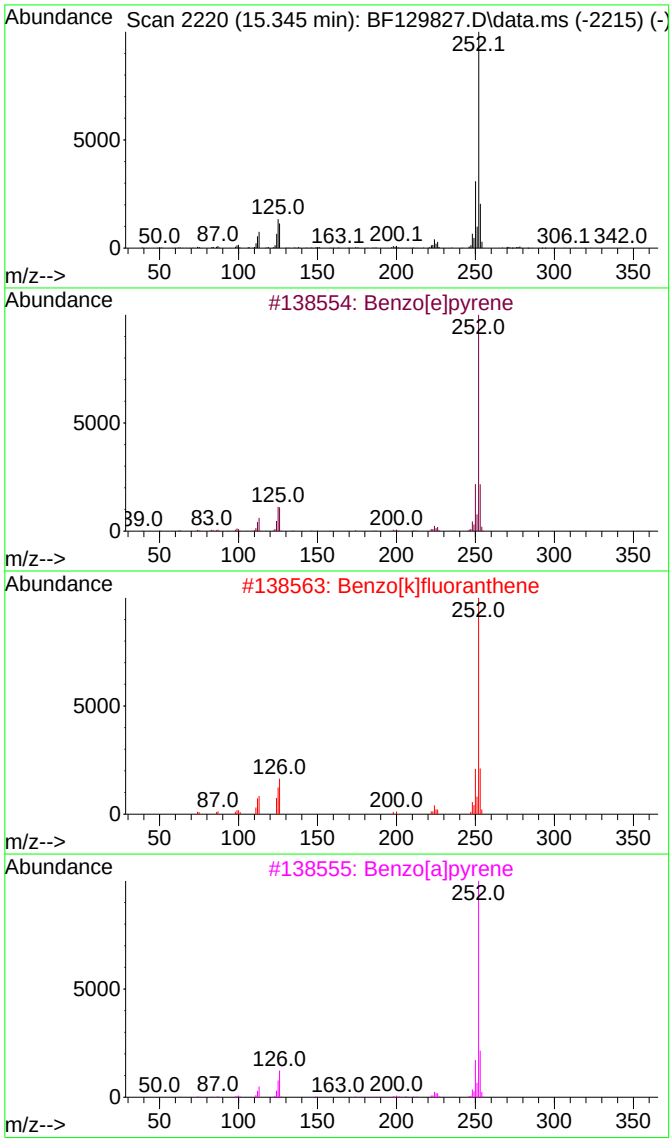
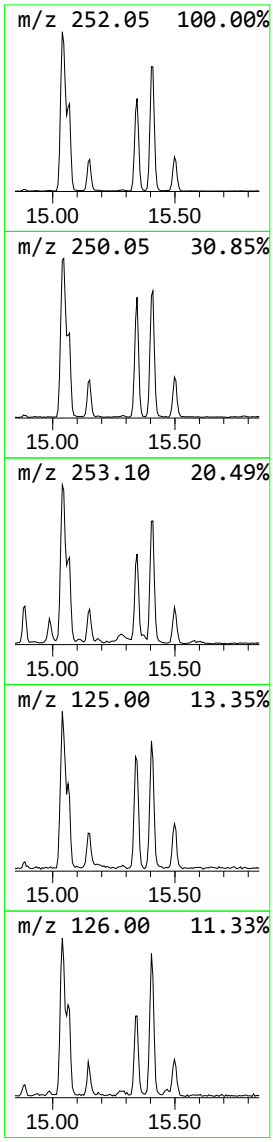
Peak Number 11 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	14.59 ng	615530	Perylene-d12	15.468

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





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Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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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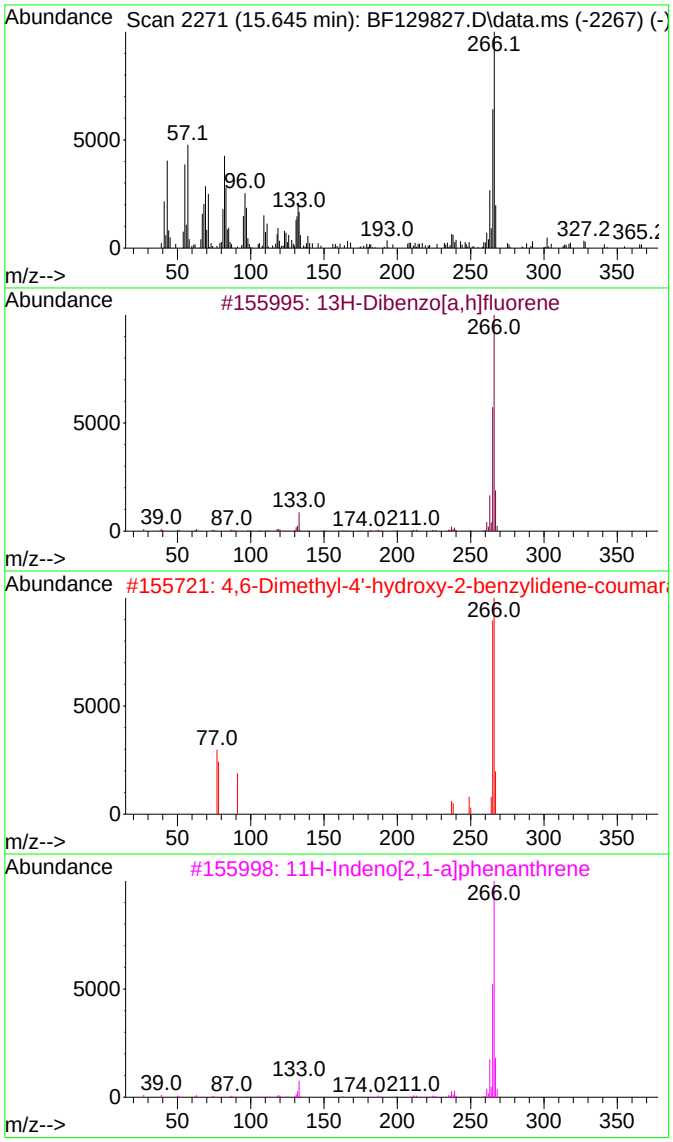
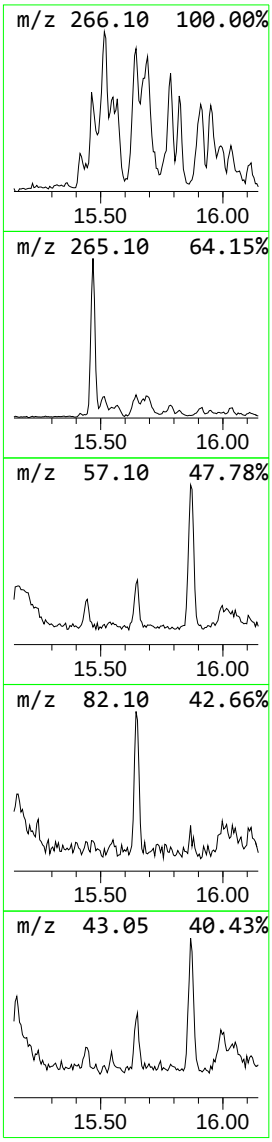
Peak Number 12 unknown15.645 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	2.97 ng	125500	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	46
2	4,6-Dimethyl-4'-hydroxy-2-benzyl...	266	C17H14O3	002567-73-9	46
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	46
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	43
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	43





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Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

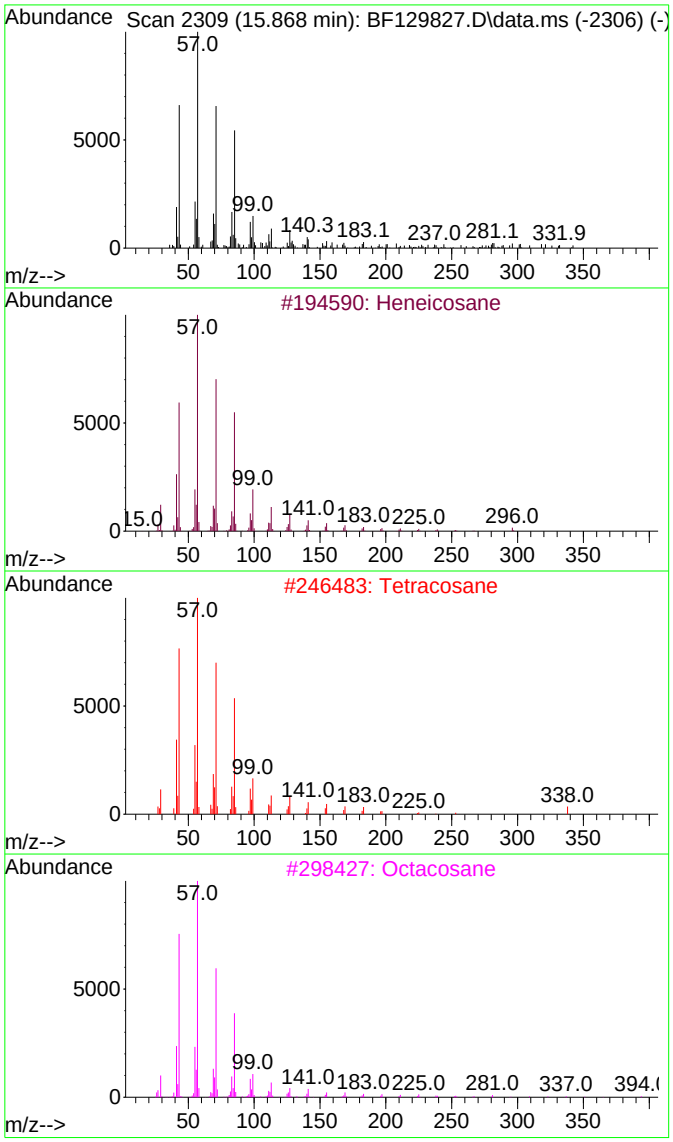
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

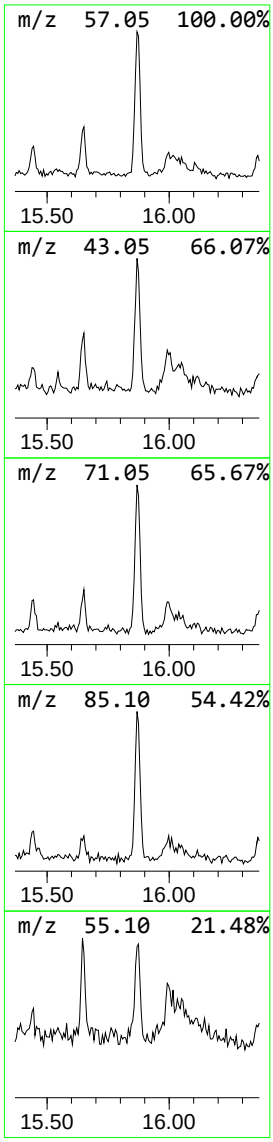
****

Peak Number 13 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.868	2.23 ng	94024	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
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Acq On : 17 Aug 2022 00:00
Operator : CG\JU
Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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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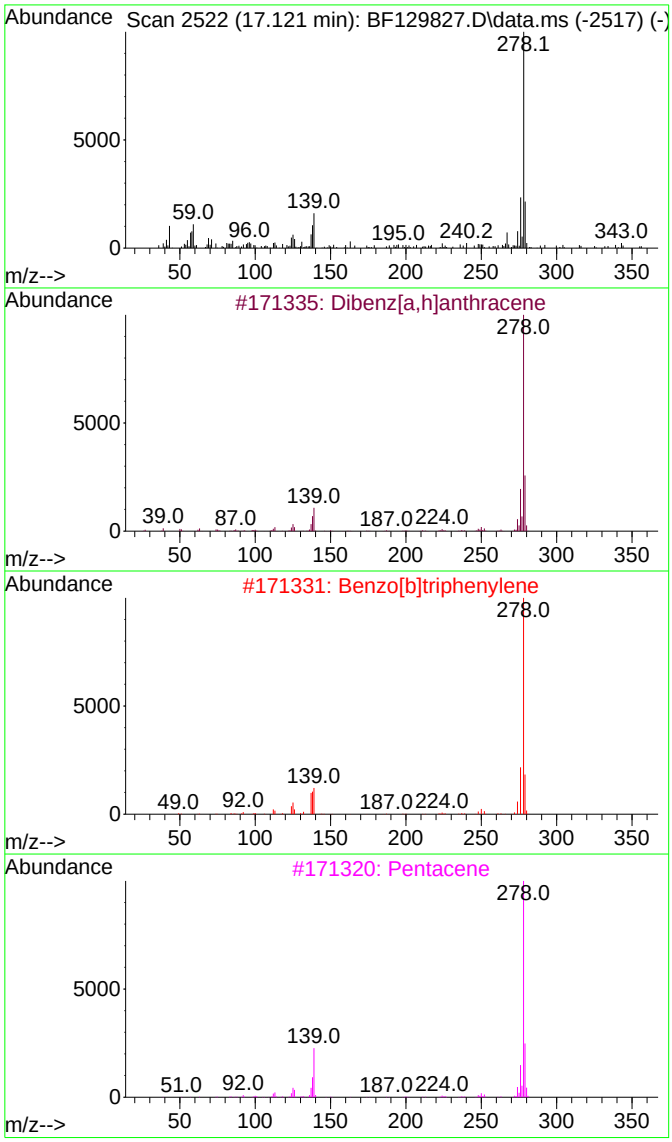
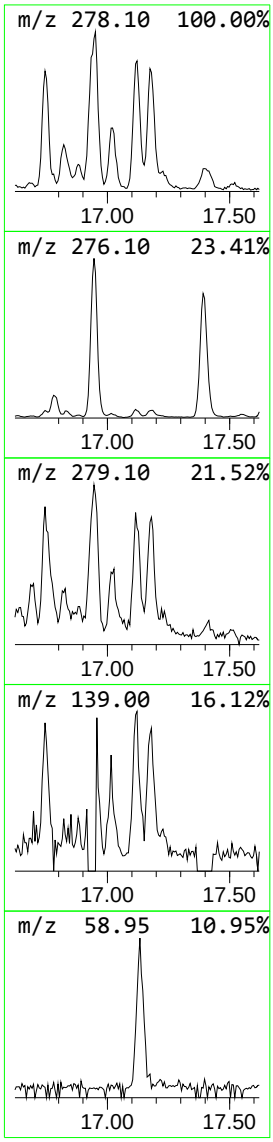
Peak Number 14 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.121	3.83 ng	161711	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
3	Pentacene	278	C22H14	000135-48-8	76
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	76
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	76





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Acq On : 17 Aug 2022 00:00
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Sample : N4201-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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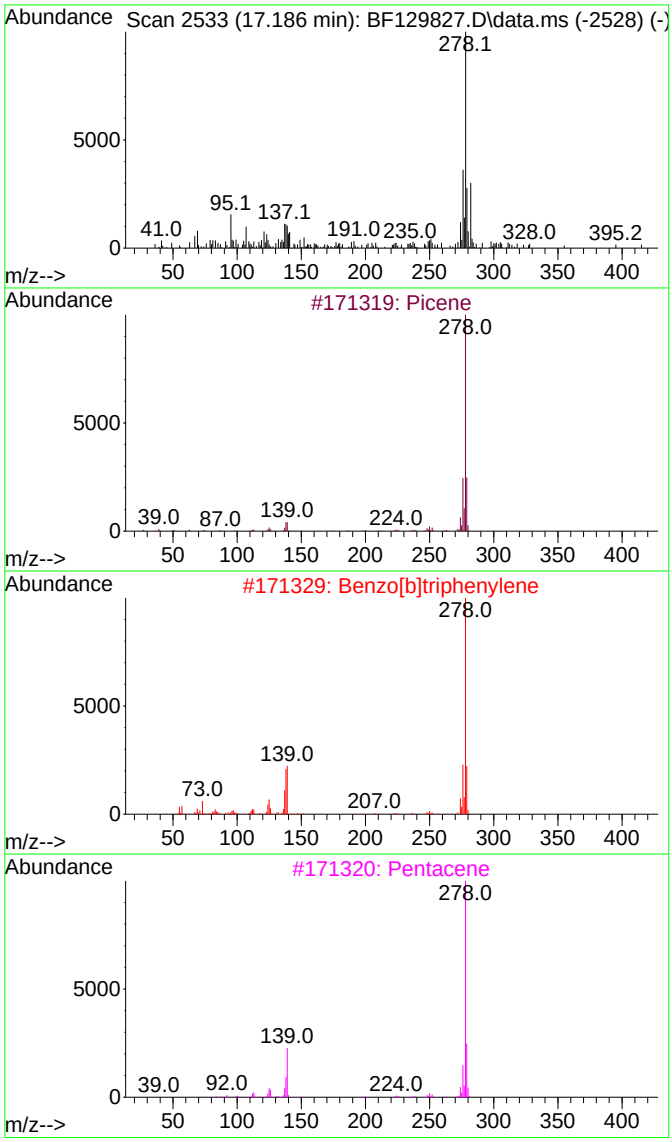
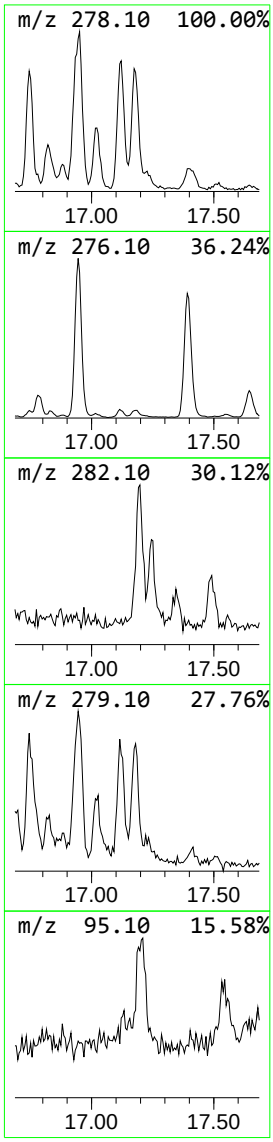
Peak Number 15 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	4.72 ng	199202	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	58
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	58
3	Pentacene	278	C22H14	000135-48-8	58
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	58
5	Pentaphene	278	C22H14	000222-93-5	52





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ALS Vial : 16 Sample Multiplier: 1

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

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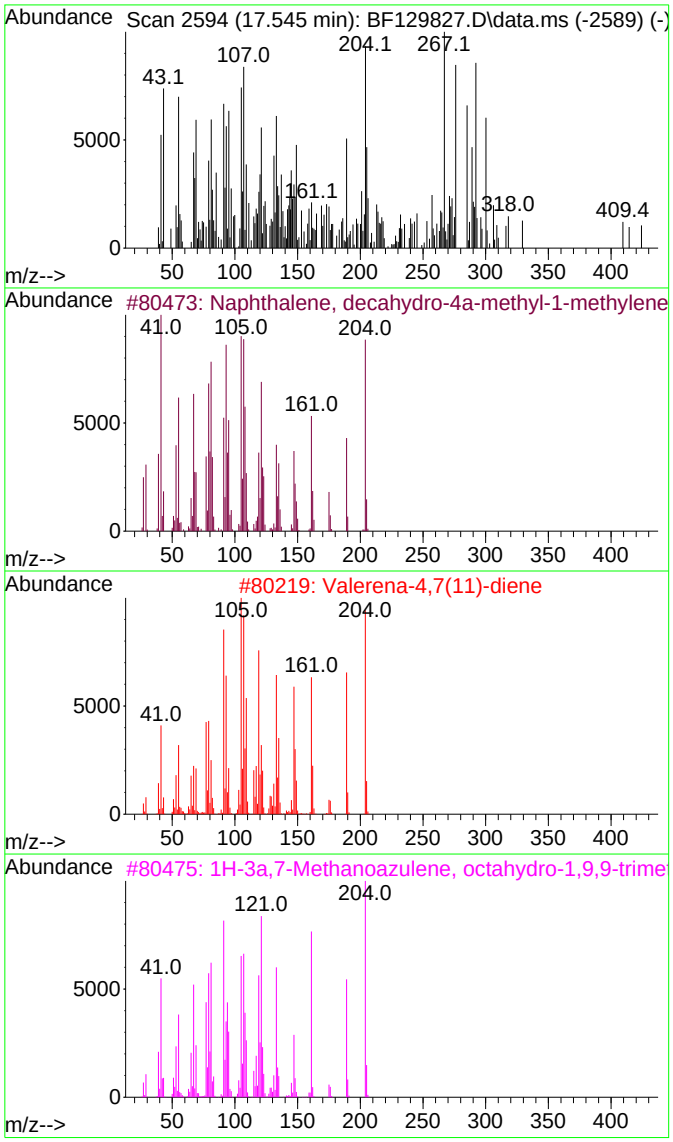
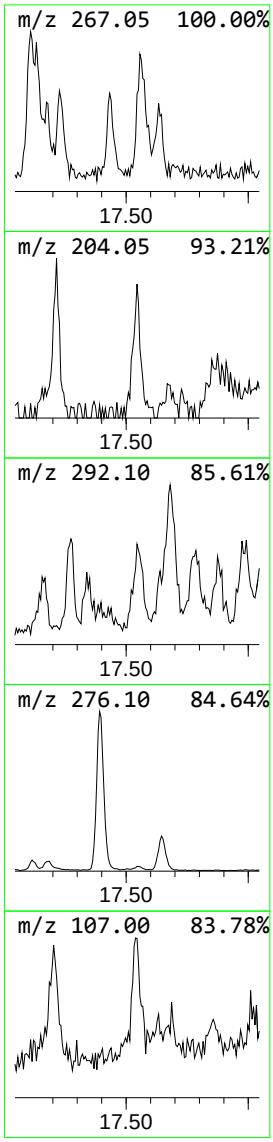
Peak Number 16 unknown17.545 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.545	3.77 ng	158960	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	48
2	Valerena-4,7(11)-diene	204	C15H24	351222-66-7	47
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	35
4	Cedrene-V6	204	C15H24	1000162-76-8	25
5	.alpha.-Guaiene	204	C15H24	003691-12-1	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129827.D
Acq On : 17 Aug 2022 00:00
Operator : CG\JU
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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-...	5.063	5.7	ng	264830	1	6.822	922681	20.0
Phenanthrene, 4...	11.851	2.5	ng	149058	4	11.351	1178490	20.0
Phenanthrene, 1...	11.880	3.1	ng	180788	4	11.351	1178490	20.0
4H-Cyclopenta[d...	11.963	3.5	ng	208106	4	11.351	1178490	20.0
4,7-Methanoinde...	12.651	2.4	ng	141941	4	11.351	1178490	20.0
Pyrene, 1-methyl-	13.010	2.3	ng	184415	5	13.998	1622180	20.0
11H-Benzo[a]flu...	13.851	3.2	ng	259310	5	13.998	1622180	20.0
9,10[1',2']-Ben...	14.886	5.5	ng	231981	6	15.468	843900	20.0
Benzo[e]pyrene	15.151	6.3	ng	266945	6	15.468	843900	20.0
Dinaphtho[1,2-b...	15.233	2.6	ng	109941	6	15.468	843900	20.0
Benzo[j]fluoran...	15.345	14.6	ng	615530	6	15.468	843900	20.0
unknown15.645	15.645	3.0	ng	125500	6	15.468	843900	20.0
Heneicosane	15.868	2.2	ng	94024	6	15.468	843900	20.0
Benzo[b]triphen...	17.121	3.8	ng	161711	6	15.468	843900	20.0
Picene	17.186	4.7	ng	199202	6	15.468	843900	20.0
unknown17.545	17.545	3.8	ng	158960	6	15.468	843900	20.0