LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	17	20	28	rVB	27435	39181	1.76%	0.133%
2	5.040	498	502	511	rBV	40390	50831	2.28%	0.173%
3	5.451	568	572	590	rVB	1942125	1826546	81.92%	6.216%
4	6.463	740	744	761	rVB	2089029	1916049	85.93%	6.521%
5	6.675	776	780	783	rBV3	55448	66386	2.98%	0.226%
6	6.840	804	808	815	rBV	1397480	1222619	54.83%	4.161%
7	7.116	849	855	858	rVB6	27322	33280	1.49%	0.113%
8	7.398	899	903	908	rBV	1378072	1157644	51.92%	3.940%
9	7.440	908	910	913	rVB	55549	47106	2.11%	0.160%
10	7.487	913	918	921	rVB5	20954	27681	1.24%	0.094%
11	7.645	942	945	948	rVB3	23373	26582	1.19%	0.090%
12	8.122	1021	1026	1033	rBV	1933598	1655171	74.23%	5.633%
13	8.210	1039	1041	1049	rVB7	16885	28174	1.26%	0.096%
14	8.416	1071	1076	1079	rBV4	26452	30008	1.35%	0.102%
15	8.545	1094	1098	1100	rBV	38610	33570	1.51%	0.114%
16	8.628	1108	1112	1114	rBV2	32551	30684	1.38%	0.104%
17	8.716	1124	1127	1131	rBV	121369	100190	4.49%	0.341%
18	8.934	1161	1164	1168	rBV2	26377	31079	1.39%	0.106%
19	9.145	1198	1200	1205	rBV2	47934	34969	1.57%	0.119%
20	9.198	1205	1209	1212	rBV	2713751	2229692	100.00%	7.588%
21	9.281	1220	1223	1225	rBV	147872	117586	5.27%	0.400%
22	9.469	1250	1255	1257	rBV3	27728	33948	1.52%	0.116%
23	9.534	1257	1266	1269	rBV	64106	78605	3.53%	0.268%
24	9.592	1273	1276	1280	rVV	194225	232775	10.44%	0.792%
25	9.657	1284	1287	1291	rVB2	31696	40987	1.84%	0.139%
26	9.739	1298	1301	1305	rBV	77264	82420	3.70%	0.280%
27	9.810	1311	1313	1317	rVB	70573	50592	2.27%	0.172%
28	9.875	1318	1324	1328	rBV	1953899	1818989	81.58%	6.190%
29	9.910	1328	1330	1333	rVB	67670	61255	2.75%	0.208%
30	9.986	1339	1343	1346	rVB2	25106	34732	1.56%	0.118%
31	10.033	1346	1351	1355	rBV8	16807	32633	1.46%	0.111%
32	10.081	1355	1359	1363	rVV3	45607	56090	2.52%	0.191%
33	10.122	1363	1366	1372	rVB3	31387	40205	1.80%	0.137%
34	10.192	1375	1378	1381	rBV2	35496	42702	1.92%	0.145%
35	10.286	1390	1394	1395	rBV4	30355	33750	1.51%	0.115%
36	10.304	1395	1397	1400	rVB2	51850	46378	2.08%	0.158%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.422	1414	1417	1423	rVB2	57524	64901	2.91%	0.221%
38	10.533	1434	1436	1439	rVB2	35574	29871	1.34%	0.102%
39	10.581	1441	1444	1447	rVB2	30646	29700	1.33%	0.101%
40	10.663	1454	1458	1469	rBV	1319013	1238227	55.53%	4.214%
41	10.792	1475	1480	1486	rVB2	76104	121910	5.47%	0.415%
42	10.863	1489	1492	1495	rBV3	24818	26492	1.19%	0.090%
43	10.969	1506	1510	1513	rBV2	46878	52862	2.37%	0.180%
44	11.169	1541	1544	1547	rBV2	32845	31809	1.43%	0.108%
45	11.228	1549	1554	1557	rVV4	59788	87402	3.92%	0.297%
46	11.257	1557	1559	1565	rVB	86397	90792	4.07%	0.309%
47	11.363	1573	1577	1579	rBV	1789216	1636253	73.38%	5.569%
48	11.386	1579	1581	1584	rVV	674776	541190	24.27%	1.842%
49	11.433	1587	1589	1593	rVB	106183	96570	4.33%	0.329%
50	11.475	1593	1596	1599	rBV2	30887	37065	1.66%	0.126%
51	11.592	1614	1616	1623	rBV3	40274	66575	2.99%	0.227%
52	11.657	1624	1627	1630	rBV	72799	60030	2.69%	0.204%
53	11.692	1630	1633	1635	rBV	49280	43613	1.96%	0.148%
54	11.757	1641	1644	1646	rBV	70727	63830	2.86%	0.217%
55	11.863	1659	1662	1664	rBV	176367	144536	6.48%	0.492%
56	11.892	1664	1667	1673	rVV	294018	298372	13.38%	1.015%
57	11.975	1677	1681	1683	rVV2	237882	253754	11.38%	0.864%
58	11.998	1683	1685	1689	rVB	126222	109398	4.91%	0.372%
59	12.063	1694	1696	1699	rVB2	51720	40968	1.84%	0.139%
60	12.157	1709	1712	1714	rBV	74878	68329	3.06%	0.233%
61	12.180	1714	1716	1720	rVB2	66484	73327	3.29%	0.250%
62	12.292	1732	1735	1736	rBV3	34732	36990	1.66%	0.126%
63	12.310	1736	1738	1740	rVB	42248	30758	1.38%	0.105%
64	12.339	1740	1743	1746	rBV2	63899	67797	3.04%	0.231%
65	12.416	1752	1756	1758	rBV	127553	131894	5.92%	0.449%
66	12.439	1758	1760	1762	rBV2	148007	159939	7.17%	0.544%
67	12.498	1767	1770	1774	rVB3	59330	66196	2.97%	0.225%
68	12.575	1780	1783	1788	rVB	959939	804362	36.08%	2.737%
69	12.616	1788	1790	1792	rBV2	39846	38953	1.75%	0.133%
70	12.675	1797	1800	1804	rBV3	116982	145780	6.54%	0.496%
71	12.804	1816	1822	1824	rBV	887114	846664	37.97%	2.881%
72	12.945	1843	1846	1853	rVB	2259029	1961293	87.96%	6.675%
73	13.022	1855	1859	1863	rBV2	85165	137390	6.16%	0.468%
74	13.110	1871	1874	1875	rBV2	62752	65775	2.95%	0.224%
75	13.133	1875	1878	1881	rVB	143329	140272	6.29%	0.477%
76	13.180	1883	1886	1887	rBV	59127	51120	2.29%	0.174%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.198	1887	1889	1892	rVB	87633	66360	2.98%	0.226%
78	13.233	1892	1895	1900	rBV2	117170	137160	6.15%	0.467%
79	13.327	1909	1911	1913	rVB	71973	48110	2.16%	0.164%
80	13.357	1914	1916	1919	rBV	66422	58273	2.61%	0.198%
81	13.522	1942	1944	1947	rBV4	55031	56872	2.55%	0.194%
82	13.639	1961	1964	1968	rVB	87328	89854	4.03%	0.306%
83	13.845	1997	1999	2002	rVB	95297	88568	3.97%	0.301%
84	14.004	2021	2026	2028	rBV2	1456064	1735151	77.82%	5.905%
85	14.027	2028	2030	2032	rVB	363626	282897	12.69%	0.963%
86	14.627	2129	2132	2136	rVB	321148	287086	12.88%	0.977%
87	15.039	2198	2202	2205	rBV	368912	549302	24.64%	1.869%
88	15.116	2212	2215	2218	rVB	184993	186843	8.38%	0.636%
89	15.404	2260	2264	2270	rBV	297343	439642	19.72%	1.496%
90	15.468	2270	2275	2278	rBV	1077100	1348509	60.48%	4.589%
91	15.927	2350	2353	2358	rVB2	189844	248412	11.14%	0.845%
92	16.598	2464	2467	2476	rVB2	224463	376516	16.89%	1.281%

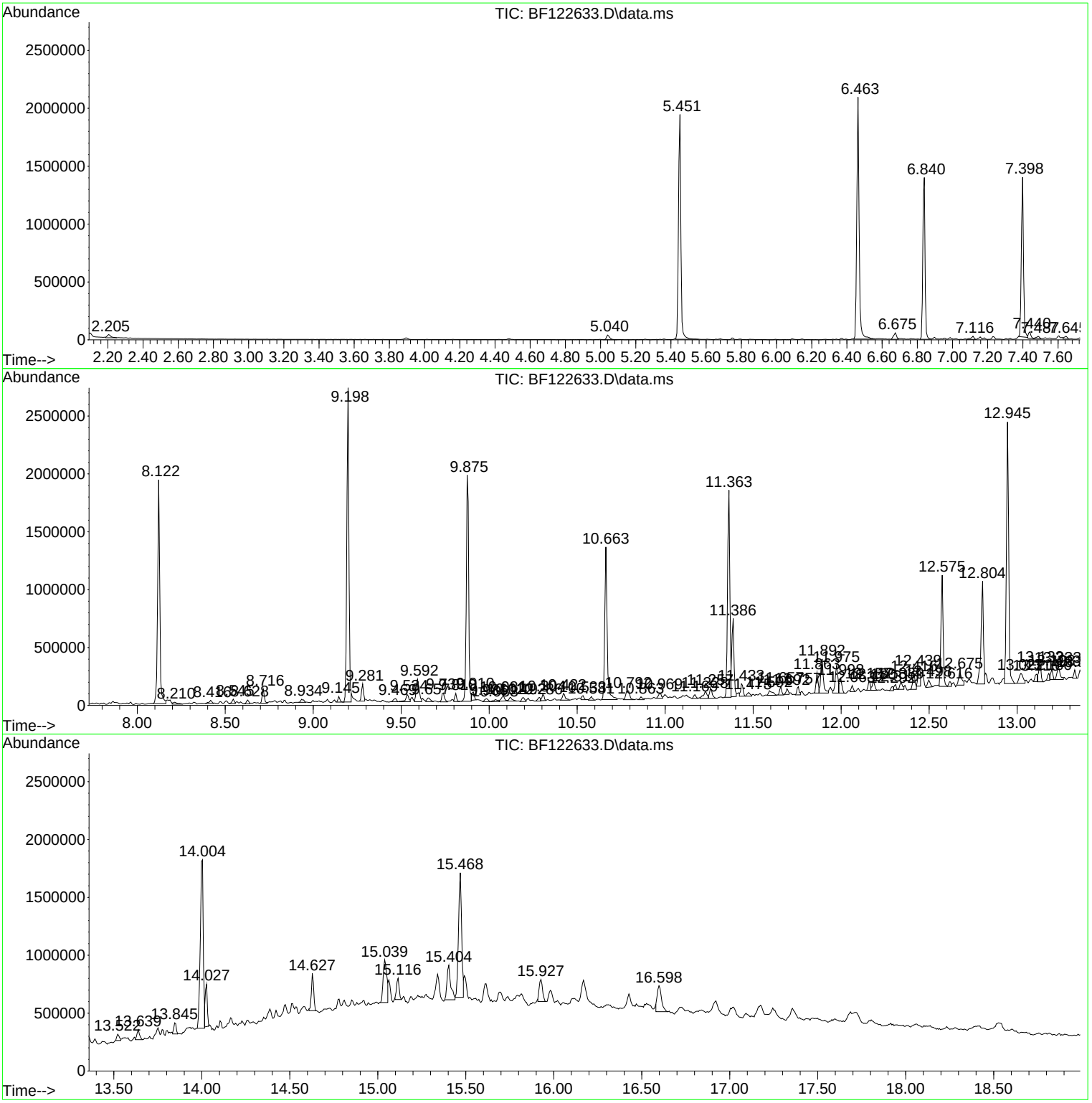
Sum of corrected areas: 29383603

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

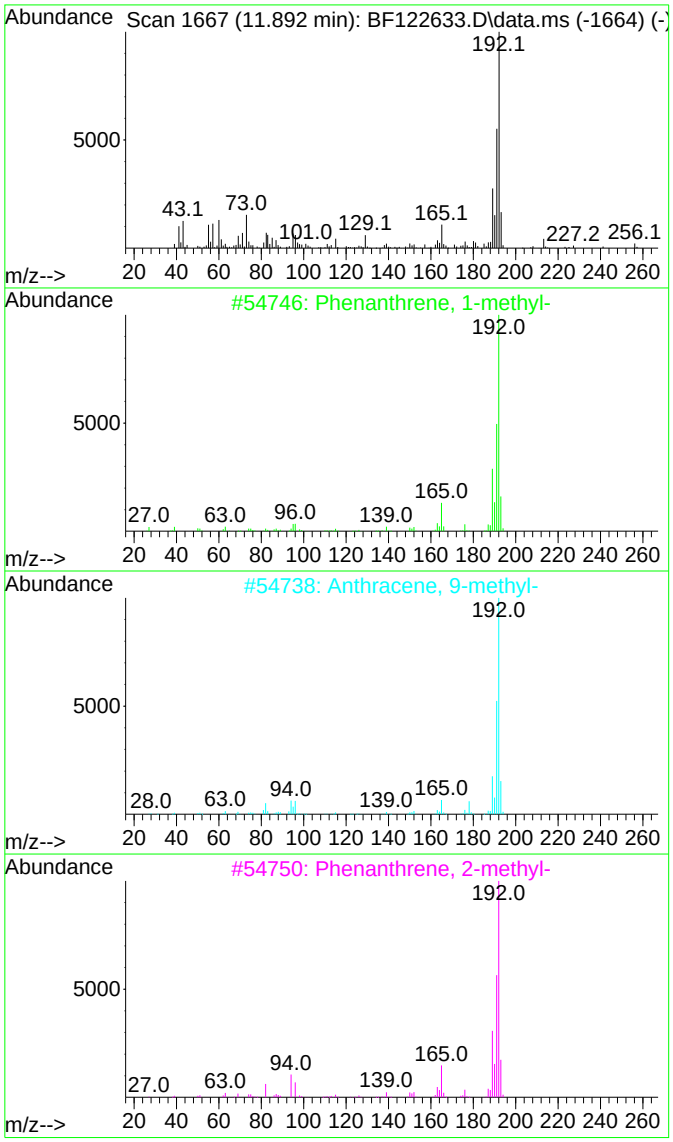
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

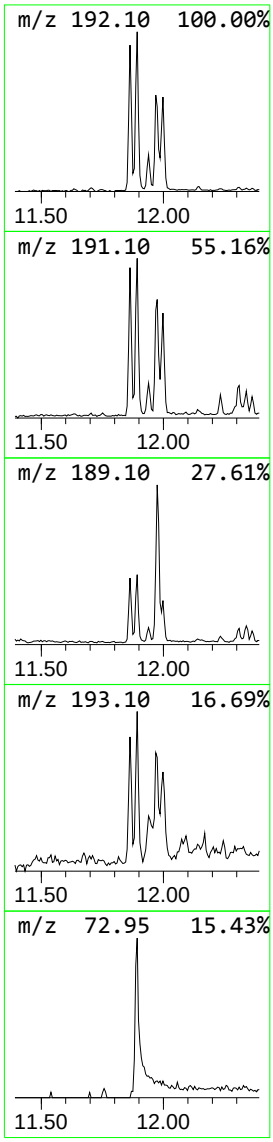
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.65 ng	298372	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-120820

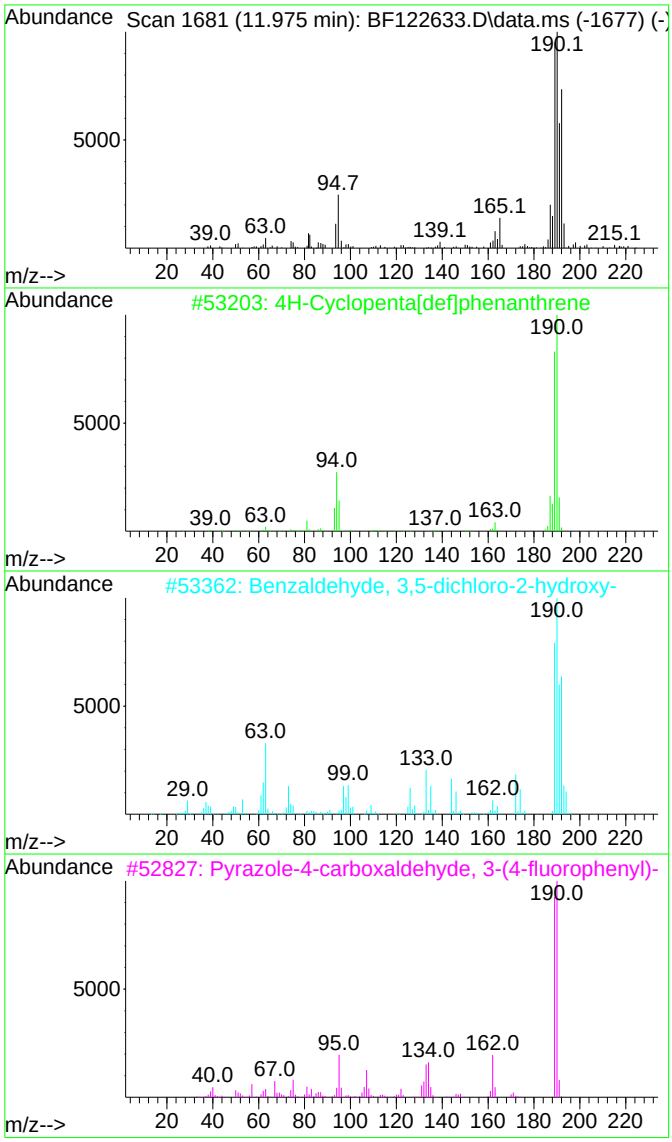
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

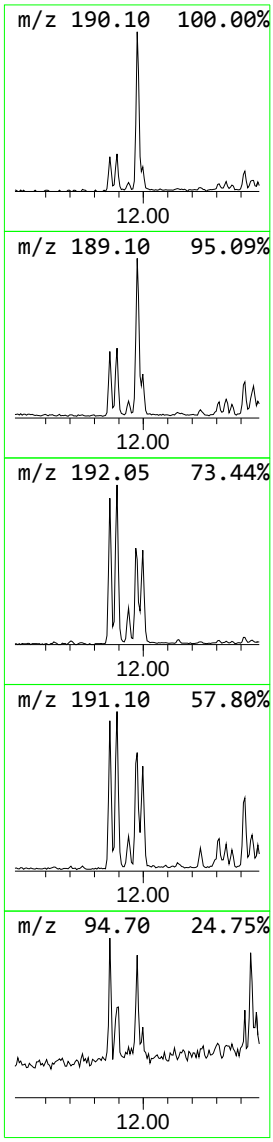
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.10 ng	253754	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

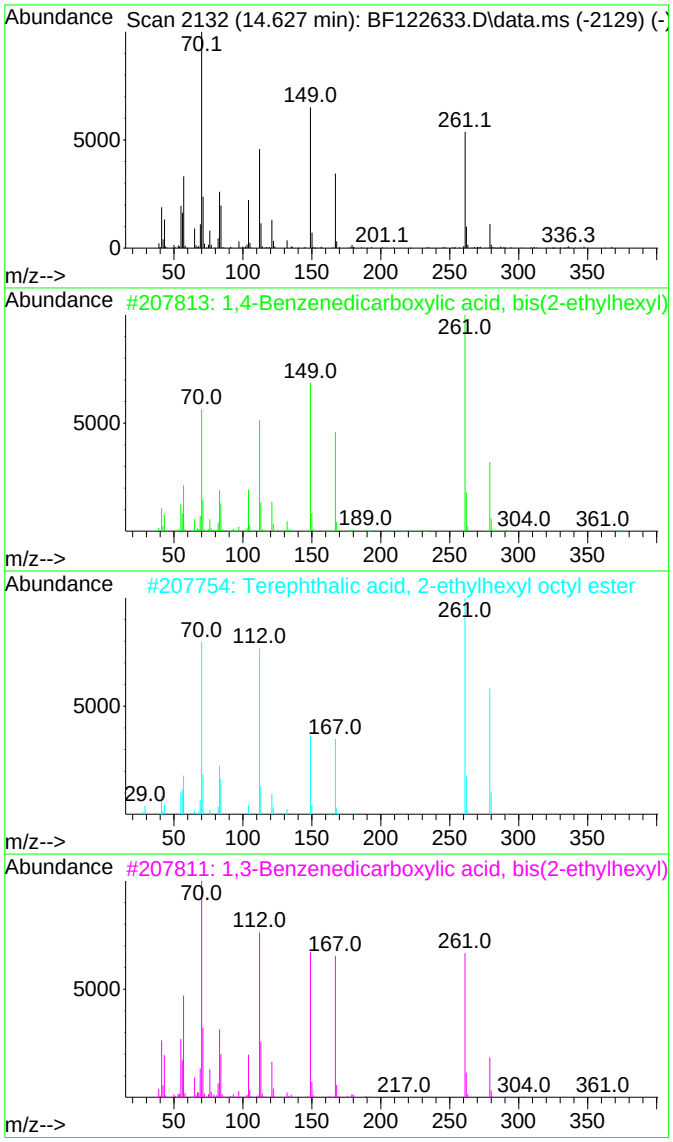
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

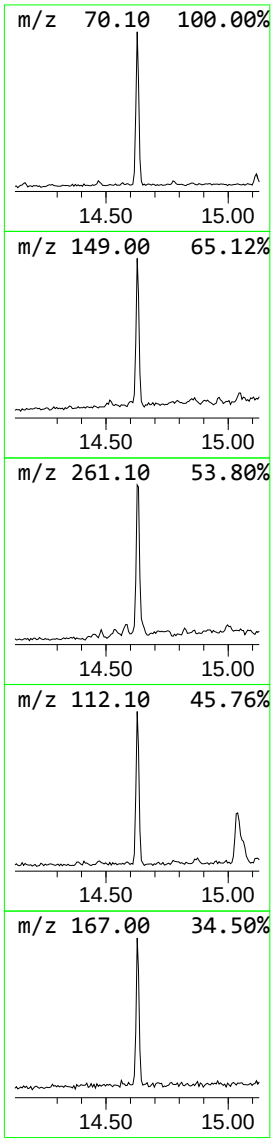
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.627	3.31 ng	287086	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	90
2	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	53
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

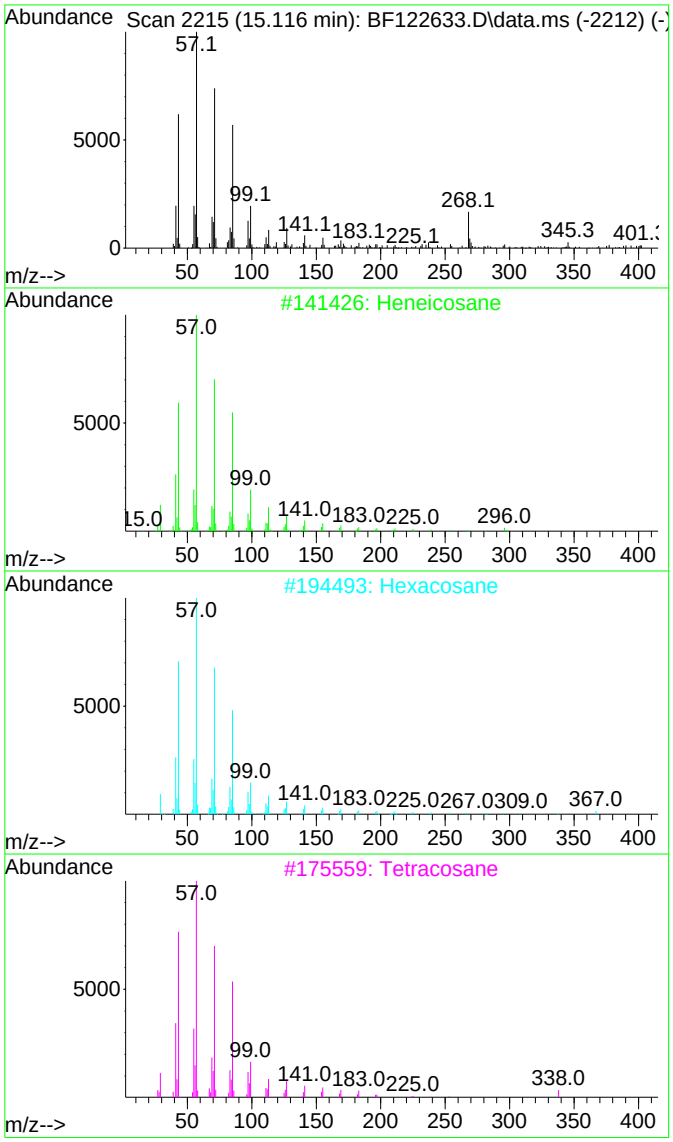
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

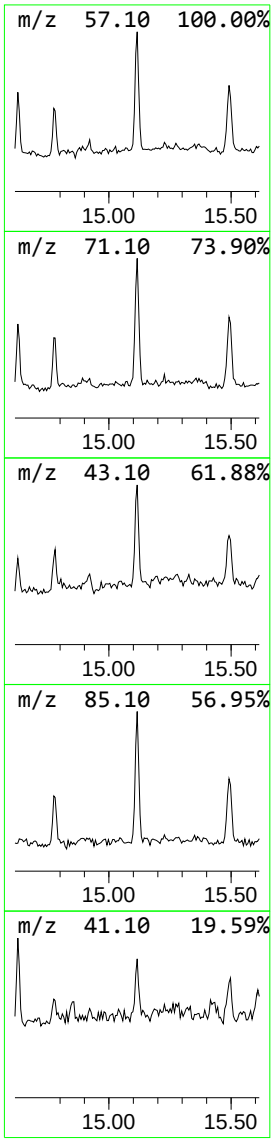
****

Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.77 ng	186843	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

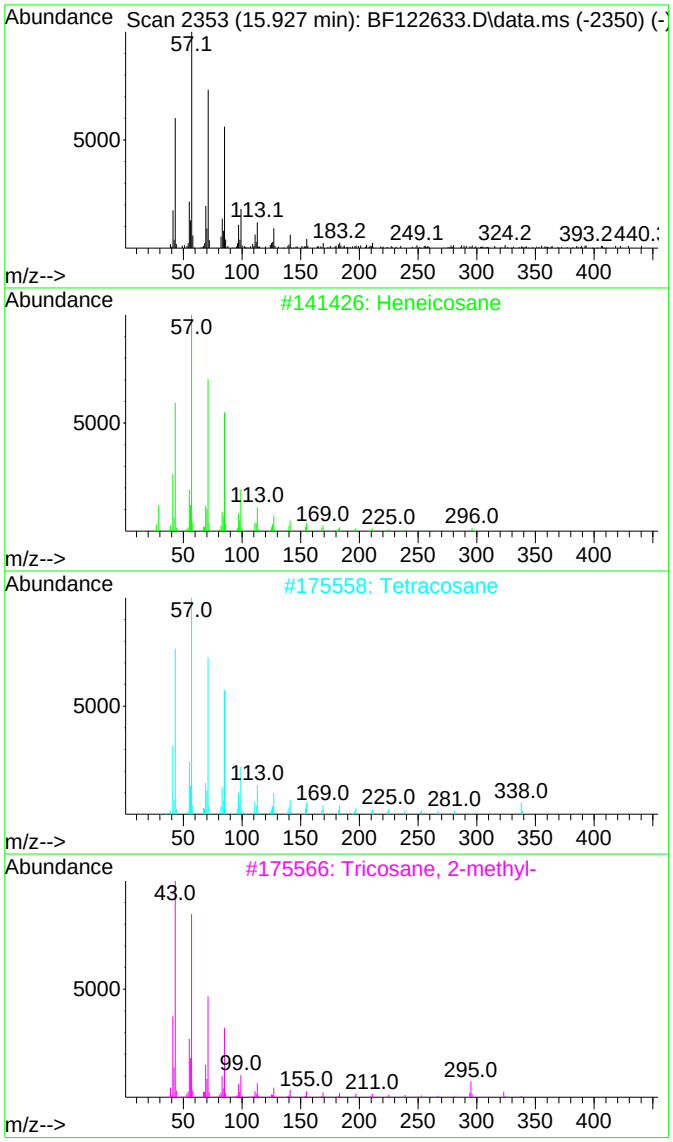
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

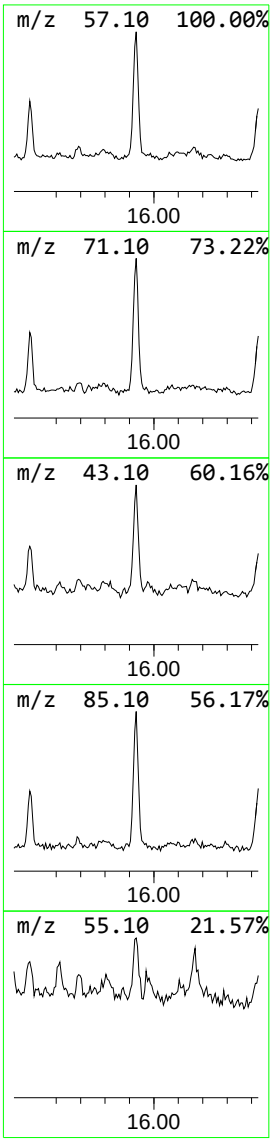
****

Peak Number 5 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	3.68 ng	248412	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tetracosane	338	C24H50	000646-31-1	96
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

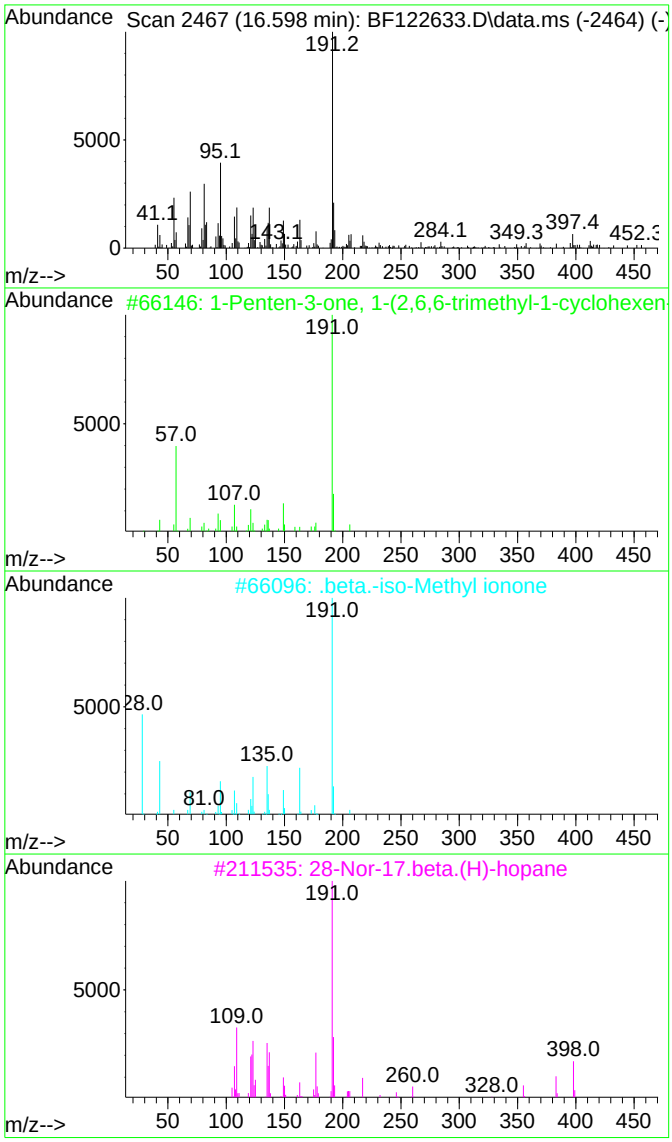
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

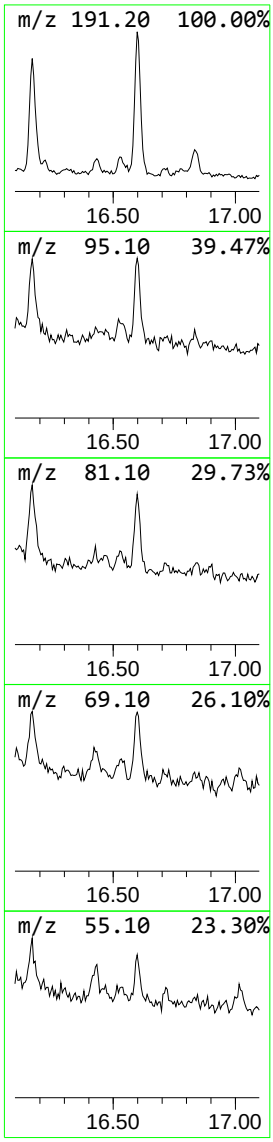
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	5.58 ng	376516	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	64
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	52
4	4H-1,2,4-Triazole, 3-ethyl-5-(3,...	191	C9H13N5	328532-29-2	47
5	5,7a-Etheno-7ah-indol-2(1H)-one,...	349	C25H19NO	117800-57-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122633.D
Acq On : 10 Dec 2020 3:08
Operator : JU/CG
Sample : L4972-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	11.892	3.6	ng	298372	4	11.363	1636250	20.0
4H-Cyclopenta[d...	11.975	3.1	ng	253754	4	11.363	1636250	20.0
1,4-Benzenedica...	14.627	3.3	ng	287086	5	14.004	1735150	20.0
Heneicosane	15.116	2.8	ng	186843	6	15.468	1348510	20.0
Tetracosane	15.927	3.7	ng	248412	6	15.468	1348510	20.0
1-Penten-3-one,...	16.598	5.6	ng	376516	6	15.468	1348510	20.0