LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.957	292	300	306	rBV	8066	15549	1.03%	0.079%
2	4.546	394	400	408	rVB6	7392	15722	1.04%	0.079%
3	4.945	459	468	473	rVB	18493	27747	1.84%	0.140%
4	5.022	475	481	490	rBV4	14765	43625	2.89%	0.220%
5	5.098	490	494	501	rVB	26493	38348	2.54%	0.194%
6	5.298	523	528	532	rBV2	23052	35869	2.37%	0.181%
7	5.493	556	561	572	rBV	991582	1314928	87.04%	6.641%
8	5.657	584	589	593	rBV3	13548	21640	1.43%	0.109%
9	5.740	599	603	609	rVB4	11719	21770	1.44%	0.110%
10	5.810	609	615	621	rVB4	10381	17406	1.15%	0.088%
11	5.898	624	630	635	rBV4	19305	39440	2.61%	0.199%
12	5.951	635	639	646	rBV3	16712	34039	2.25%	0.172%
13	6.034	646	653	658	rVB3	23092	44063	2.92%	0.223%
14	6.081	658	661	664	rBV2	15904	22273	1.47%	0.112%
15	6.128	664	669	675	rBV2	87388	141589	9.37%	0.715%
16	6.187	675	679	682	rVB	36931	44668	2.96%	0.226%
17	6.316	696	701	706	rBV2	40110	64038	4.24%	0.323%
18	6.416	713	718	726	rBV3	43705	96114	6.36%	0.485%
19	6.498	727	732	745	rBV	1010108	1510802	100.00%	7.630%
20	6.622	748	753	757	rBV4	36462	71281	4.72%	0.360%
21	6.657	757	759	765	rVB3	23845	34962	2.31%	0.177%
22	6.716	765	769	771	rBV3	18406	31173	2.06%	0.157%
23	6.787	776	781	788	rVV4	25551	77378	5.12%	0.391%
24	6.845	788	791	792	rVV3	33821	40944	2.71%	0.207%
25	6.881	792	797	802	rVV2	519195	731800	48.44%	3.696%
26	6.934	802	806	810	rVV3	34420	63422	4.20%	0.320%
27	6.992	810	816	818	rVV4	44417	93650	6.20%	0.473%
28	7.022	818	821	825	rVV2	83771	133336	8.83%	0.673%
29	7.057	825	827	830	rVV	31593	40711	2.69%	0.206%
30	7.104	832	835	838	rVV	28797	42315	2.80%	0.214%
31	7.151	838	843	847	rVB2	49002	80577	5.33%	0.407%
32	7.228	852	856	858	rBV2	17635	22187	1.47%	0.112%
33	7.275	860	864	867	rBV2	29564	43245	2.86%	0.218%
34	7.357	875	878	881	rBV4	14155	21322	1.41%	0.108%
35	7.439	887	892	901	rVB	541081	768664	50.88%	3.882%
36	7.522	901	906	910	rVB4	55519	86256	5.71%	0.436%

LSC Area Percent Report

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Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.581	910	916	920	rBV3	37671	71568	4.74%	0.361%
38	7.657	926	929	931	rBV2	46851	52805	3.50%	0.267%
39	7.686	931	934	941	rVB4	48911	79808	5.28%	0.403%
40	7.781	943	950	951	rBV2	53004	85268	5.64%	0.431%
41	7.916	969	973	980	rVB6	25324	49452	3.27%	0.250%
42	7.981	980	984	989	rBV4	36076	52073	3.45%	0.263%
43	8.034	989	993	996	rBV3	38527	59664	3.95%	0.301%
44	8.110	1001	1006	1009	rVV4	39289	81762	5.41%	0.413%
45	8.163	1010	1015	1021	rVV	595029	870872	57.64%	4.398%
46	8.216	1021	1024	1028	rVV	162330	220551	14.60%	1.114%
47	8.251	1028	1030	1037	rVB6	53633	91824	6.08%	0.464%
48	8.316	1037	1041	1042	rBV2	24021	29201	1.93%	0.147%
49	8.363	1046	1049	1057	rVB4	55460	94994	6.29%	0.480%
50	8.451	1059	1064	1070	rBV4	90333	139747	9.25%	0.706%
51	8.510	1071	1074	1076	rBV3	25874	30850	2.04%	0.156%
52	8.545	1077	1080	1082	rVV3	26025	30732	2.03%	0.155%
53	8.581	1082	1086	1097	rVB	212320	391092	25.89%	1.975%
54	8.669	1098	1101	1103	rBV	31600	34760	2.30%	0.176%
55	8.704	1103	1107	1112	rBV5	55689	102353	6.77%	0.517%
56	8.845	1128	1131	1135	rVB	87680	113092	7.49%	0.571%
57	8.939	1144	1147	1157	rBV8	33492	76295	5.05%	0.385%
58	9.039	1161	1164	1166	rBV3	51680	72057	4.77%	0.364%
59	9.116	1174	1177	1180	rBV3	27961	37084	2.45%	0.187%
60	9.157	1181	1184	1185	rVV3	41965	45986	3.04%	0.232%
61	9.181	1185	1188	1193	rVB	230980	278748	18.45%	1.408%
62	9.233	1193	1197	1203	rBV	796259	1049410	69.46%	5.300%
63	9.322	1207	1212	1216	rBV4	103274	178991	11.85%	0.904%
64	9.633	1261	1265	1273	rVB3	276645	417673	27.65%	2.109%
65	9.786	1287	1291	1294	rBV3	64965	87568	5.80%	0.442%
66	9.828	1295	1298	1302	rVB3	62667	83590	5.53%	0.422%
67	9.922	1309	1314	1318	rVB	569213	720007	47.66%	3.636%
68	10.175	1353	1357	1364	rVB3	83164	158035	10.46%	0.798%
69	10.239	1365	1368	1370	rBV3	31616	39834	2.64%	0.201%
70	10.328	1380	1383	1388	rBV4	54399	83497	5.53%	0.422%
71	10.569	1419	1424	1430	rBV	239696	356025	23.57%	1.798%
72	10.633	1431	1435	1439	rVV	134344	174332	11.54%	0.880%
73	10.710	1444	1448	1454	rVB	372535	479733	31.75%	2.423%
74	10.833	1465	1469	1476	rBV	349207	485459	32.13%	2.452%
75	11.304	1545	1549	1555	rVB	226781	316323	20.94%	1.597%
76	11.410	1563	1567	1576	rBV2	530038	840674	55.64%	4.246%

LSC Area Percent Report

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Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR132-SO3-010013-20251015

Integration Parameters: rteint.p
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.198	1698	1701	1707	rVB3	134369	181770	12.03%	0.918%
78	12.363	1726	1729	1732	rVB	110672	125359	8.30%	0.633%
79	12.627	1771	1774	1777	rBV	119269	141784	9.38%	0.716%
80	12.669	1777	1781	1786	rVB	251973	320755	21.23%	1.620%
81	12.857	1810	1813	1820	rVV	142142	193455	12.80%	0.977%
82	12.916	1821	1823	1827	rVB	79132	90436	5.99%	0.457%
83	12.998	1833	1837	1846	rVB	641620	891307	59.00%	4.501%
84	13.139	1856	1861	1866	rBV	1123474	1454547	96.28%	7.346%
85	14.057	2012	2017	2030	rBV2	486415	913025	60.43%	4.611%
86	15.480	2256	2259	2265	rVV	93382	135677	8.98%	0.685%
87	15.545	2265	2270	2282	rVB	427514	756634	50.08%	3.821%

Sum of corrected areas: 19801391

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
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Sample : Q3363-04
Misc :
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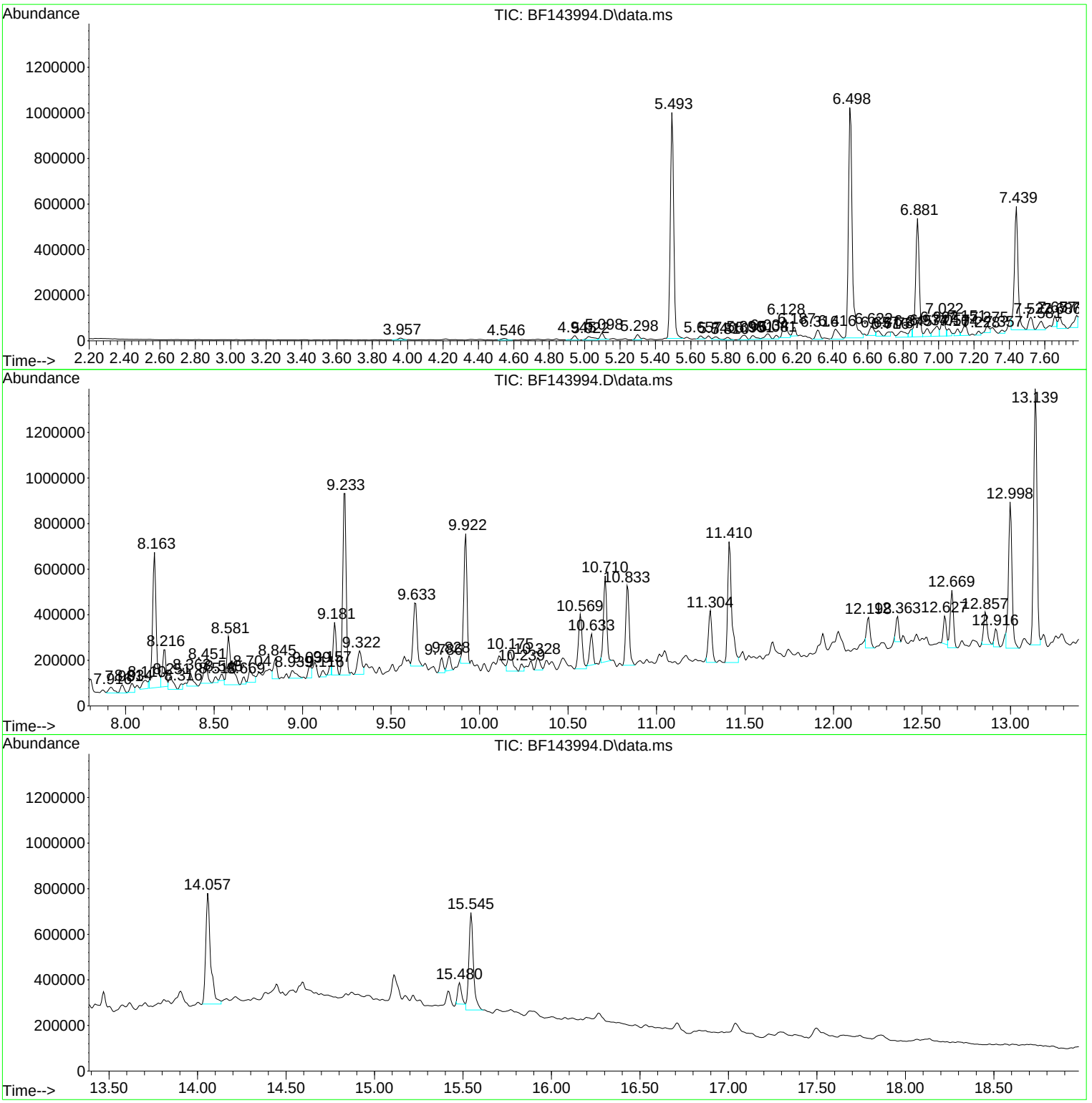
Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

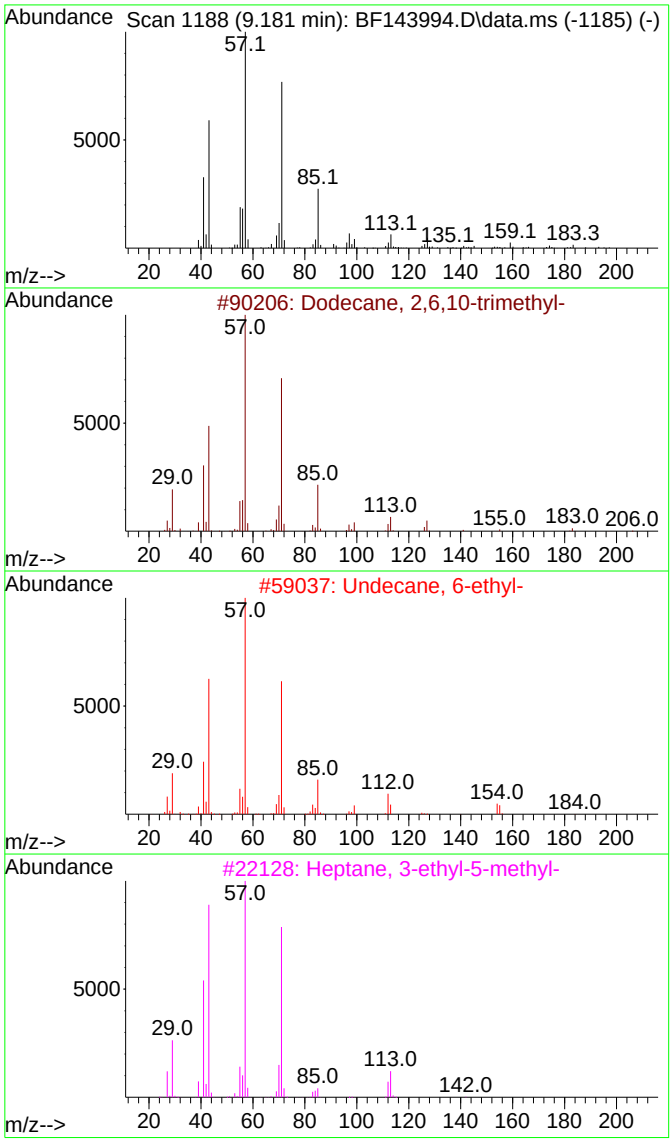
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

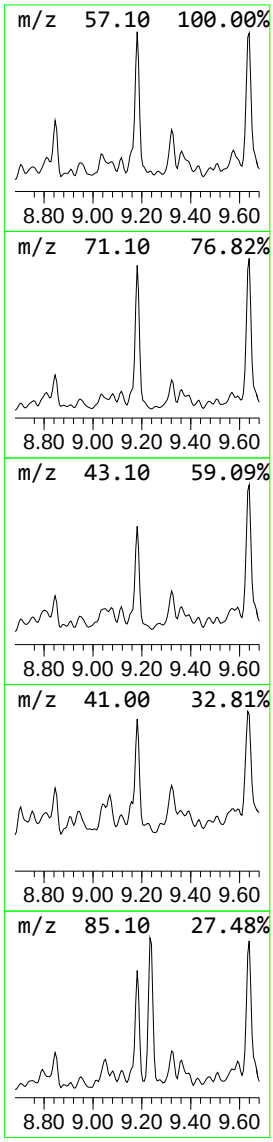
****

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	7.74 ng	278748	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	78
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

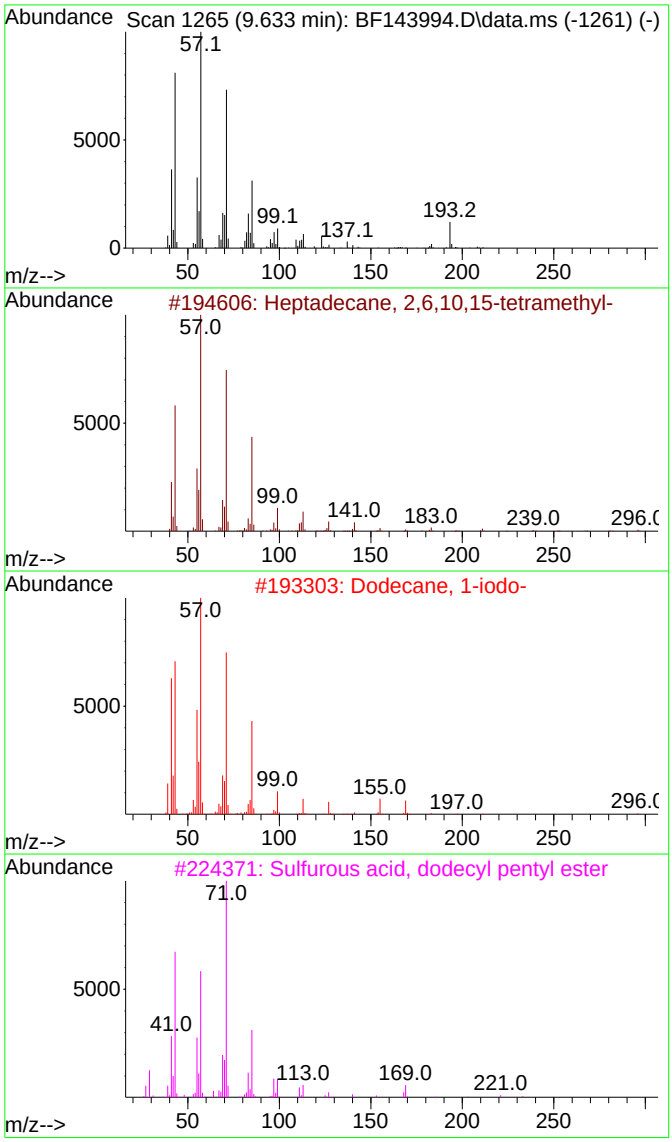
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

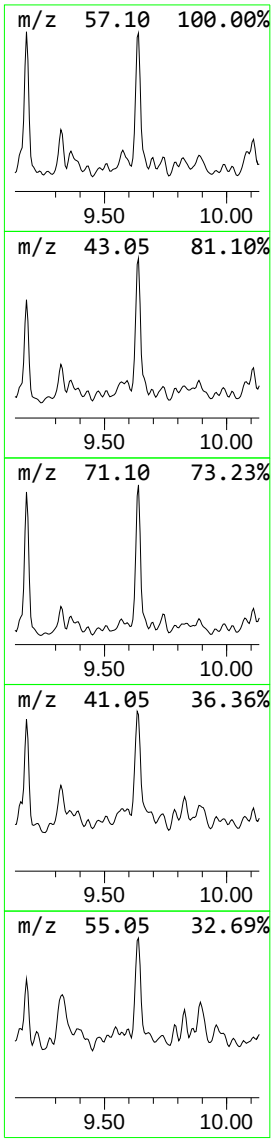
****

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	11.60 ng	417673	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	72
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

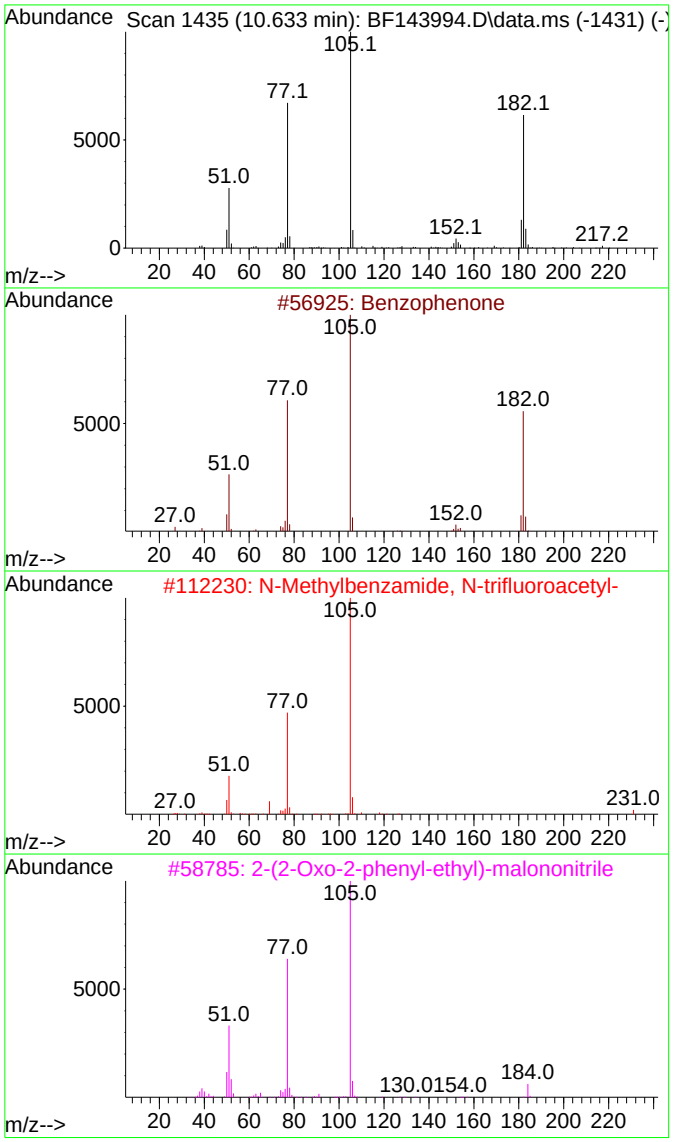
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

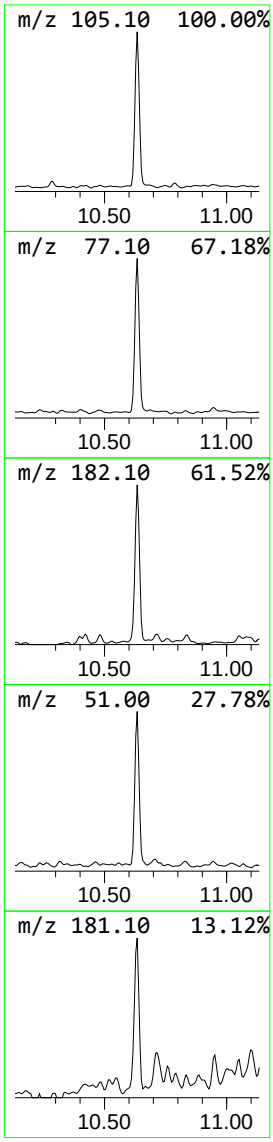
****

Peak Number 15 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	4.84 ng	174332	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





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Data File : BF143994.D
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Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

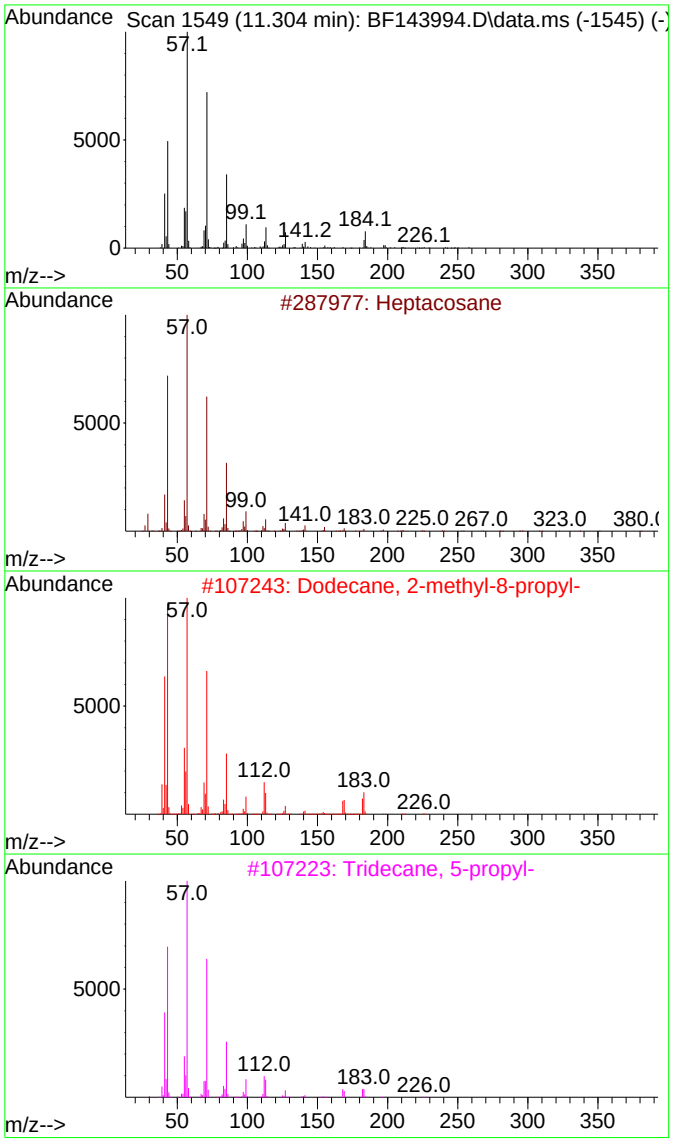
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

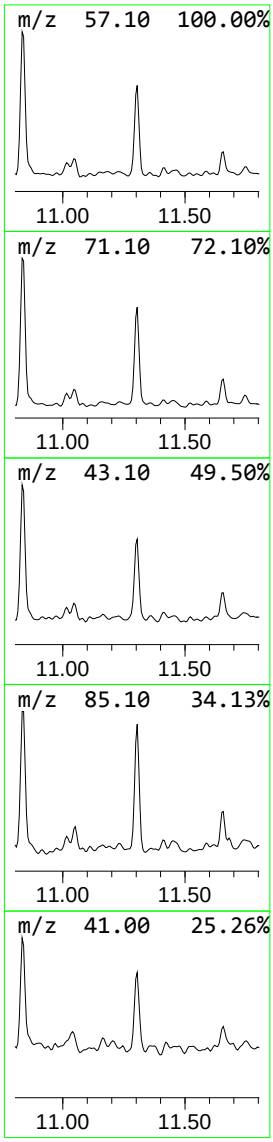
****

Peak Number 17 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	7.53 ng	316323	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tridecane	184	C13H28	000629-50-5	72





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Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

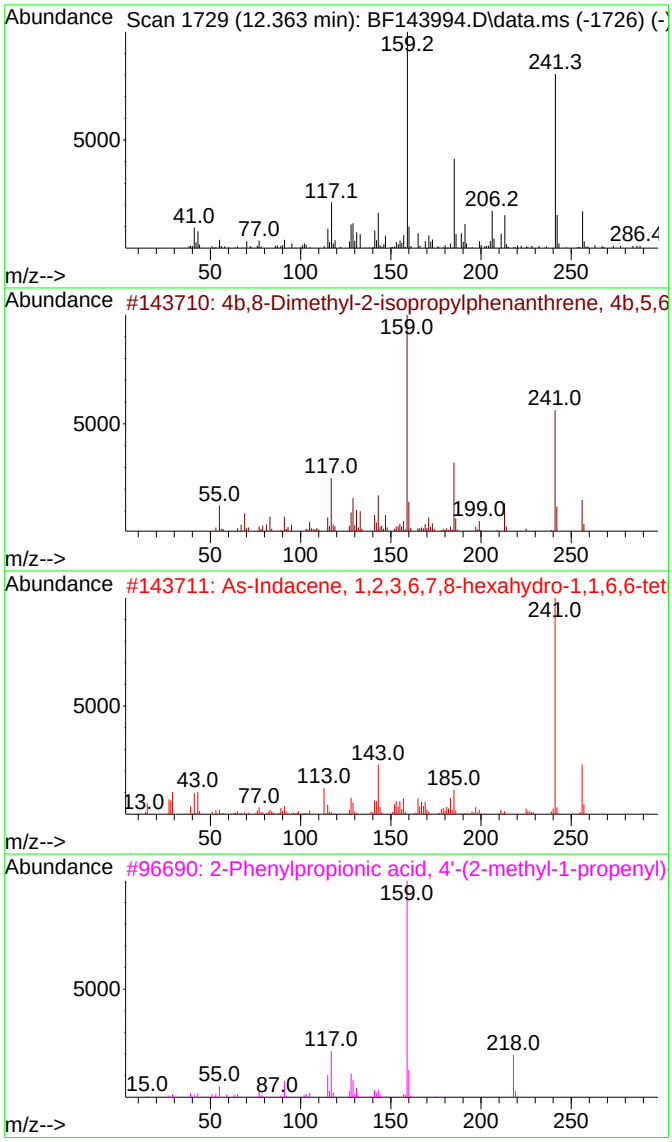
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

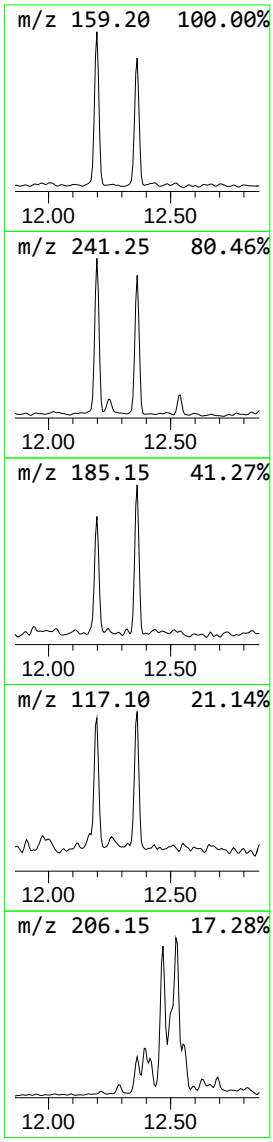
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.98 ng	125359	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30
3	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	25
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	22
5	2,5-Bis((trimethylsilyl)oxy)pyra...	256	C10H20N2O2Si2	362516-09-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

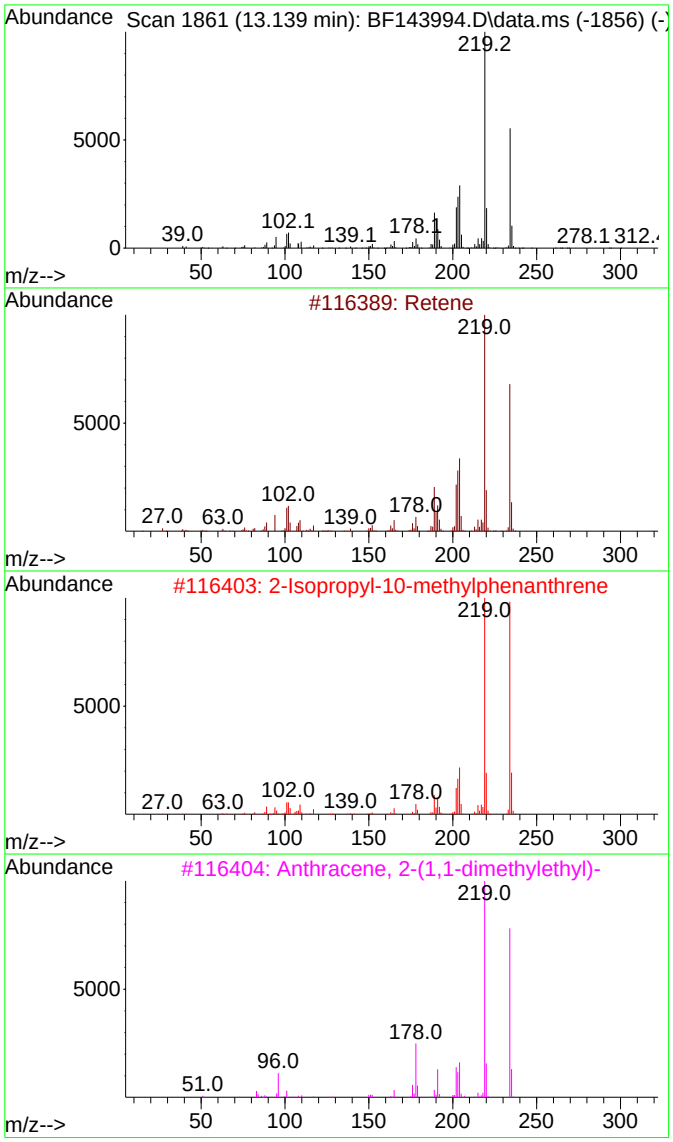
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

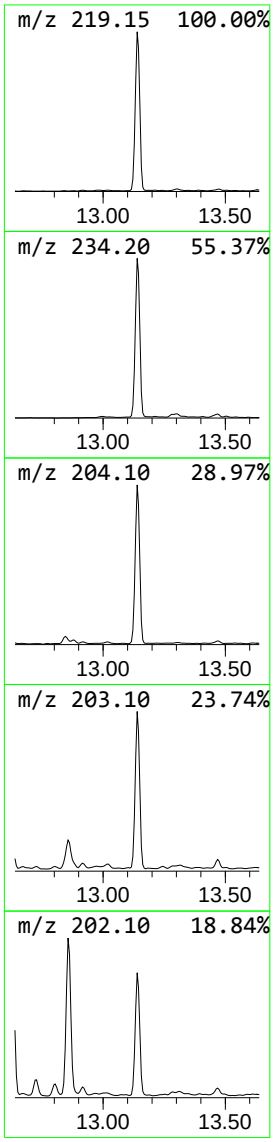
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	31.86 ng	1454550	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	83
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	76
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143994.D
Acq On : 17 Oct 2025 19:41
Operator : RC/JU
Sample : Q3363-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-SO3-010013-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Dodecane, 2,6,1...	9.181	7.7	ng	278748	3	9.922	720007	20.0
Heptadecane, 2,...	9.633	11.6	ng	417673	3	9.922	720007	20.0
Benzophenone	10.633	4.8	ng	174332	3	9.922	720007	20.0
Heptacosane	11.304	7.5	ng	316323	4	11.410	840674	20.0
4b,8-Dimethyl-2...	12.363	3.0	ng	125359	4	11.410	840674	20.0
Retene	13.139	31.9	ng	1454550	5	14.057	913025	20.0