LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	268	273	279	rVB	73273	105864	5.82%	0.550%
2	4.898	475	478	487	rVB	92662	98038	5.39%	0.509%
3	5.328	547	551	570	rVB	1800778	1539408	84.67%	7.992%
4	6.357	722	726	729	rBV	2011086	1580590	86.93%	8.206%
5	6.722	785	788	792	rBV	1289473	1065289	58.59%	5.531%
6	7.139	852	859	869	rBV2	19819	31449	1.73%	0.163%
7	7.287	880	884	887	rBV	1247226	999337	54.96%	5.188%
8	8.010	1003	1007	1010	rBV	1860758	1459010	80.24%	7.575%
9	9.081	1186	1189	1193	rBV	2351830	1818232	100.00%	9.440%
10	9.757	1301	1304	1308	rVB	1842028	1531993	84.26%	7.954%
11	10.304	1394	1397	1400	rVB	33587	24589	1.35%	0.128%
12	10.398	1409	1413	1415	rBV	45406	40544	2.23%	0.211%
13	10.469	1421	1425	1429	rBV	370713	281108	15.46%	1.459%
14	10.545	1434	1438	1443	rBV	1047326	914153	50.28%	4.746%
15	10.592	1443	1446	1450	rVB	140811	120487	6.63%	0.626%
16	10.686	1457	1462	1467	rVB4	22395	40847	2.25%	0.212%
17	11.104	1529	1533	1537	rBV5	26265	40898	2.25%	0.212%
18	11.139	1537	1539	1548	rVB3	19532	34971	1.92%	0.182%
19	11.239	1552	1556	1558	rBV	1686660	1377766	75.78%	7.153%
20	11.263	1558	1560	1563	rVV	326548	242942	13.36%	1.261%
21	11.316	1563	1569	1572	rVB	61104	66439	3.65%	0.345%
22	11.469	1590	1595	1597	rBV2	27554	31115	1.71%	0.162%
23	11.739	1638	1641	1644	rBV	30449	33125	1.82%	0.172%
24	11.774	1644	1647	1651	rVV2	74665	86442	4.75%	0.449%
25	11.851	1657	1660	1662	rBV	61445	62293	3.43%	0.323%
26	11.874	1662	1664	1668	rVB2	29631	27622	1.52%	0.143%
27	12.033	1688	1691	1693	rBV2	36093	34916	1.92%	0.181%
28	12.292	1732	1735	1738	rBV3	22952	23641	1.30%	0.123%
29	12.374	1746	1749	1753	rBV5	21284	28885	1.59%	0.150%
30	12.451	1758	1762	1765	rBV	384839	343718	18.90%	1.785%
31	12.674	1795	1800	1803	rBV	323085	313132	17.22%	1.626%
32	12.821	1822	1825	1829	rBV	1462785	1255752	69.06%	6.520%
33	13.004	1854	1856	1859	rVB	55703	45838	2.52%	0.238%
34	13.069	1865	1867	1870	rBV	49630	43236	2.38%	0.224%
35	13.110	1871	1874	1876	rVV	31768	29200	1.61%	0.152%
36	13.310	1905	1908	1917	rVB3	38654	46945	2.58%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.621	1957	1961	1963	rBV3	35766	53047	2.92%	0.275%
38	13.874	1999	2004	2006	rBV2	1185092	1185538	65.20%	6.155%
39	13.898	2006	2008	2011	rVB	158467	124159	6.83%	0.645%
40	14.727	2146	2149	2154	rVB2	69400	81568	4.49%	0.423%
41	14.886	2173	2176	2183	rVB	141071	247241	13.60%	1.284%
42	14.980	2189	2192	2196	rVB3	69280	91030	5.01%	0.473%
43	15.168	2221	2224	2230	rVB	89257	110755	6.09%	0.575%
44	15.227	2231	2234	2239	rBV	108294	119288	6.56%	0.619%
45	15.292	2240	2245	2248	rBV	821808	895158	49.23%	4.648%
46	15.745	2318	2322	2326	rBV	103963	145303	7.99%	0.754%
47	15.957	2355	2358	2362	rBV5	33674	56920	3.13%	0.296%
48	16.221	2399	2403	2411	rVB3	72631	139216	7.66%	0.723%
49	16.768	2493	2496	2502	rVB3	60019	101981	5.61%	0.529%
50	17.427	2604	2608	2614	rVB3	43062	89721	4.93%	0.466%

Sum of corrected areas: 19260739

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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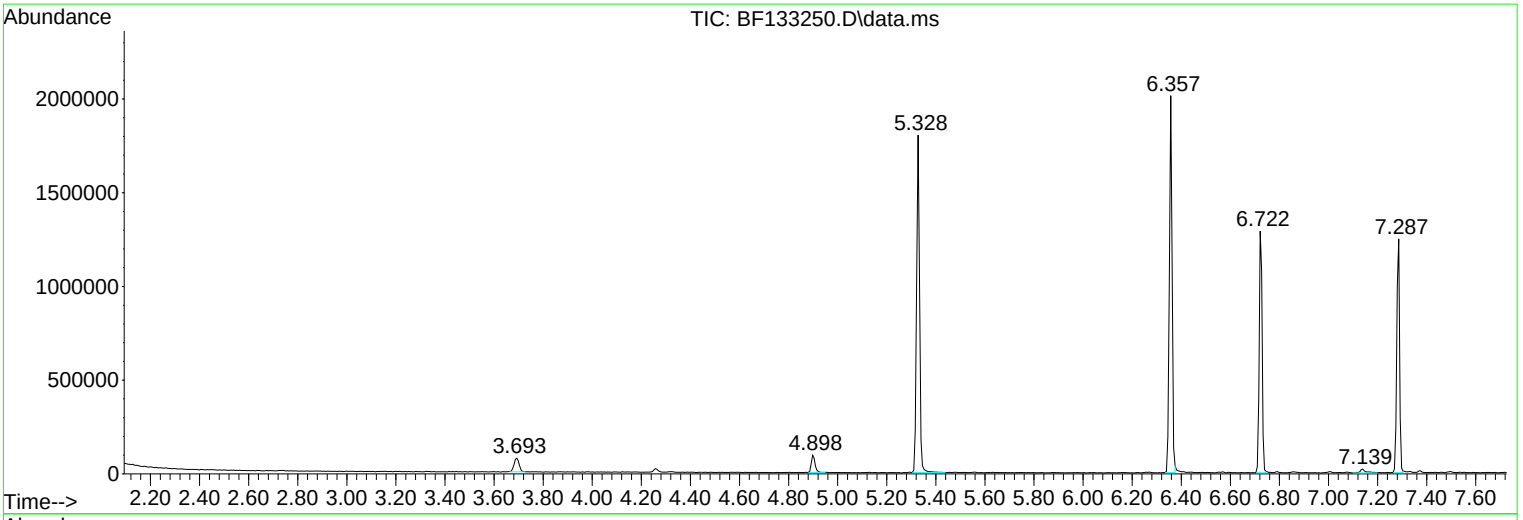
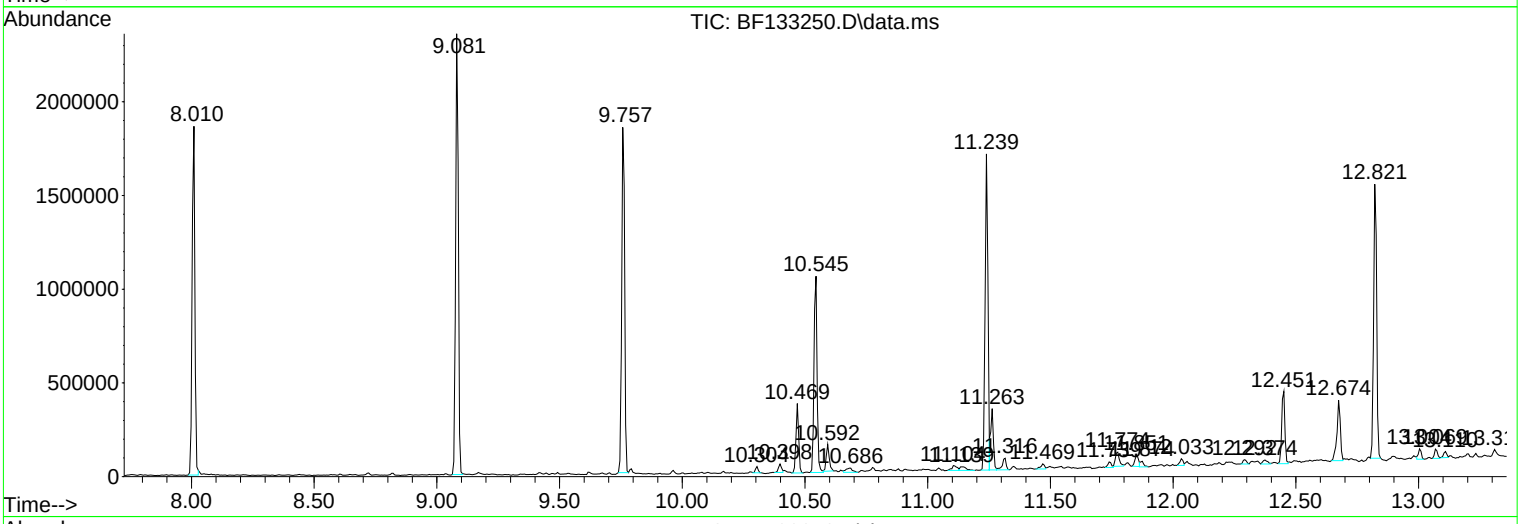
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

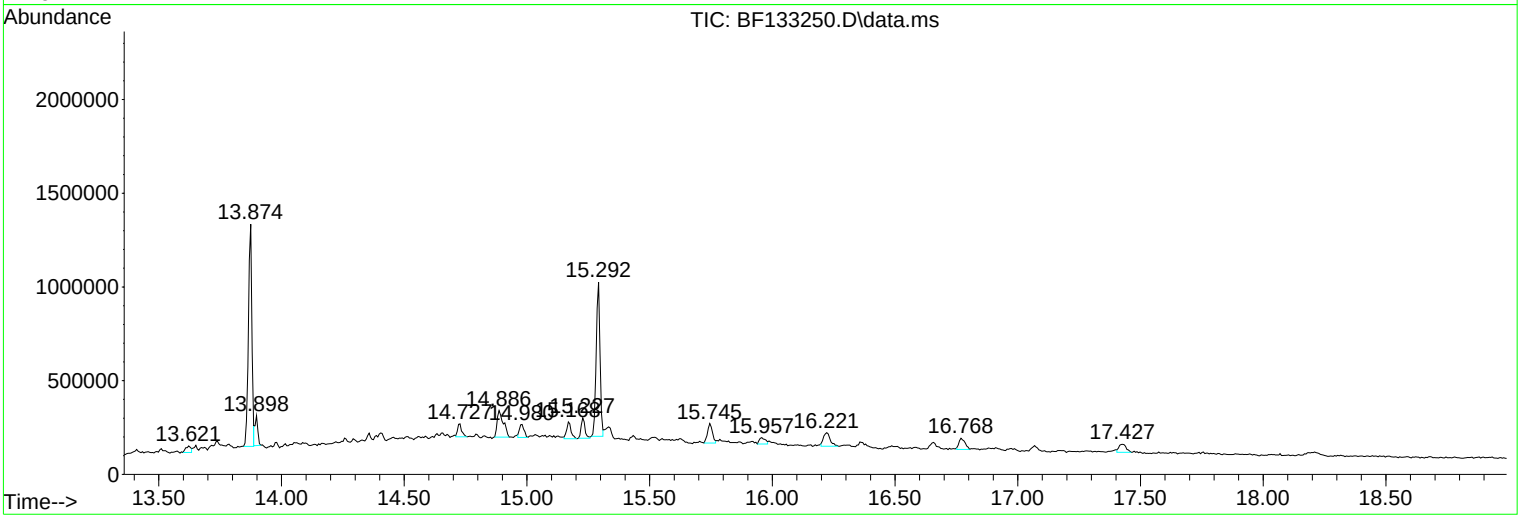
Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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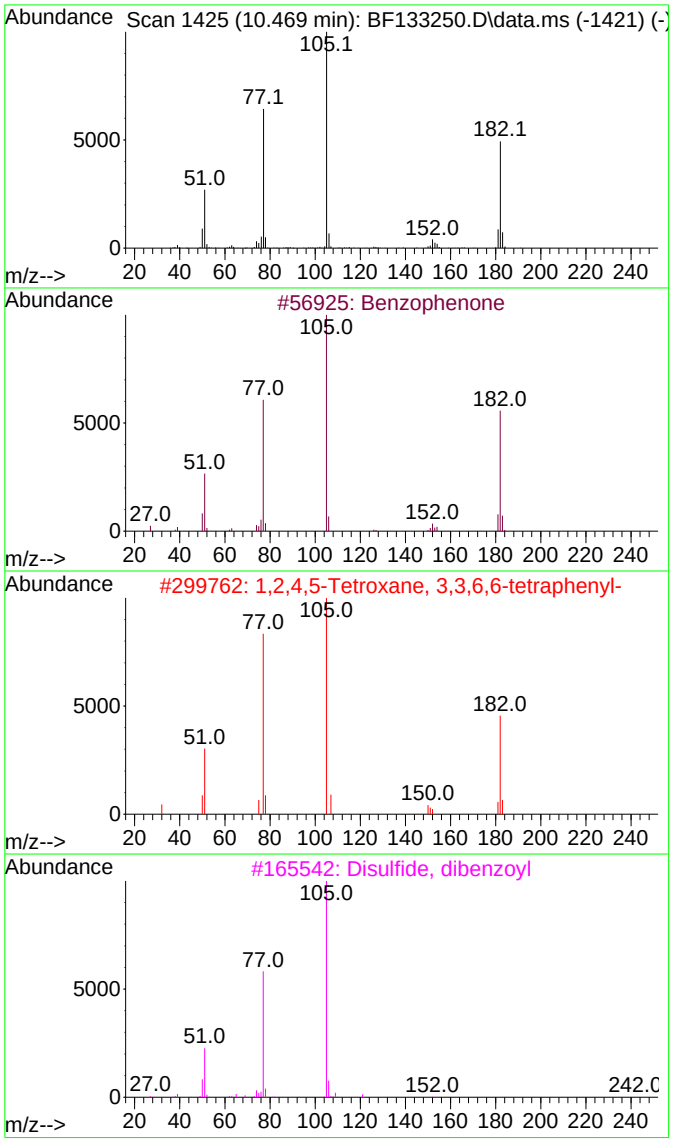
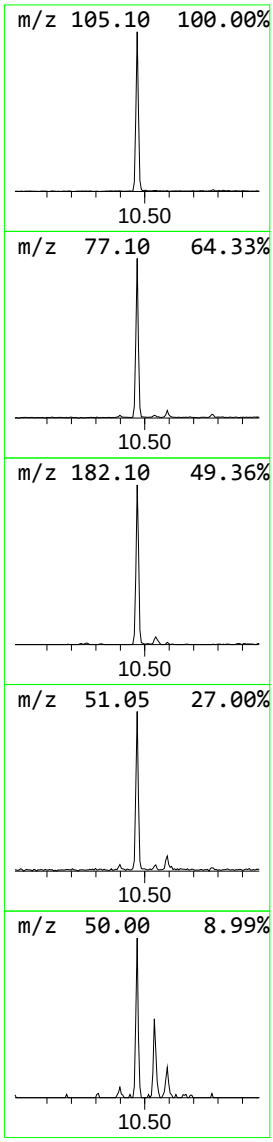
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.67 ng	281108	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4	Methyl benzilate	242	C15H14O3	000076-89-1	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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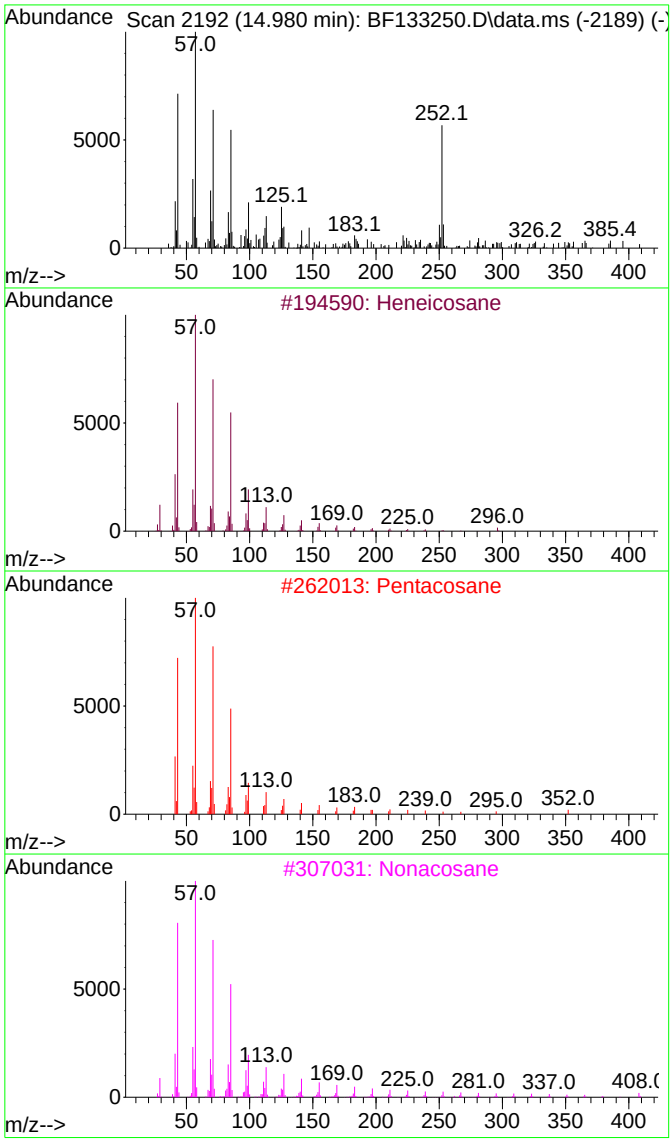
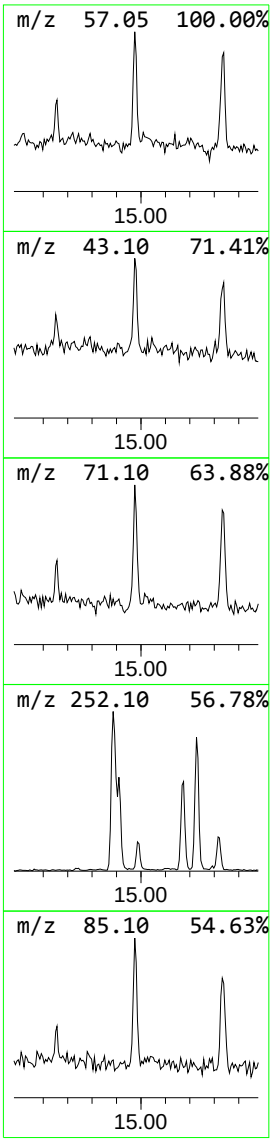
Peak Number 2 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	2.03 ng	91030	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentacosane	352	C25H52	000629-99-2	92
3	Nonacosane	408	C29H60	000630-03-5	70
4	Hexacosane	366	C26H54	000630-01-3	70
5	Docosane	310	C22H46	000629-97-0	66





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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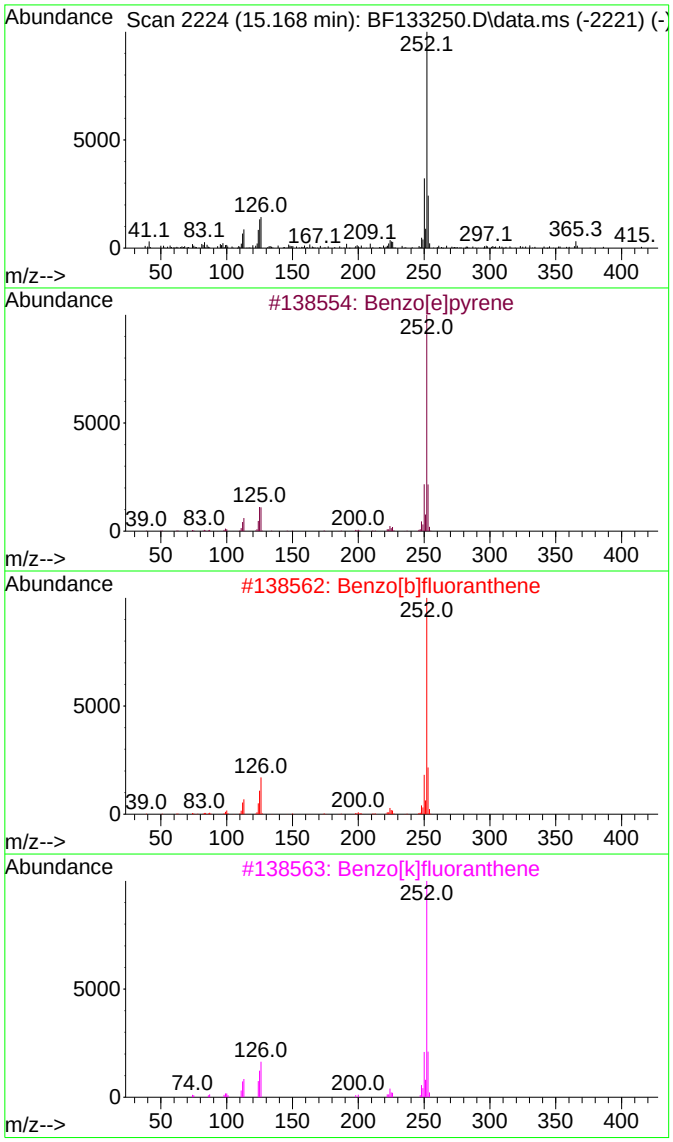
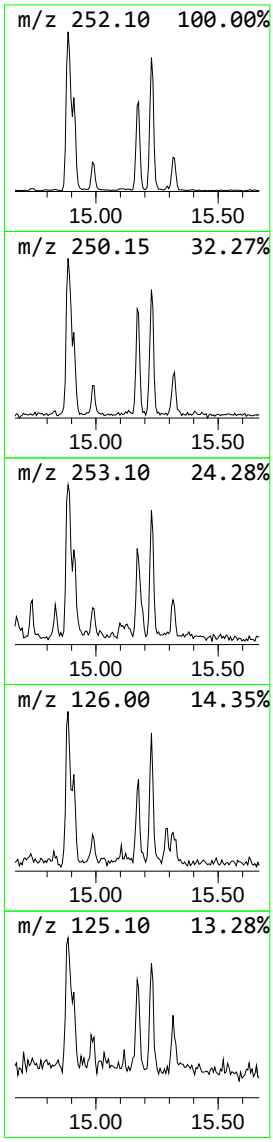
Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	2.47 ng	110755	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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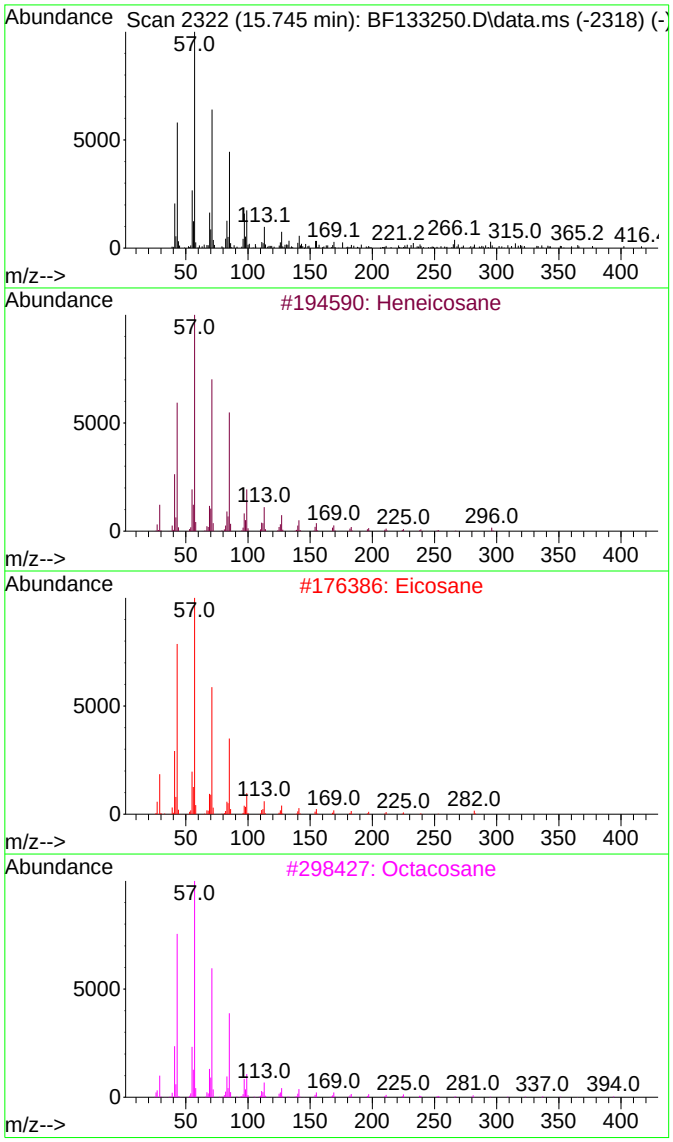
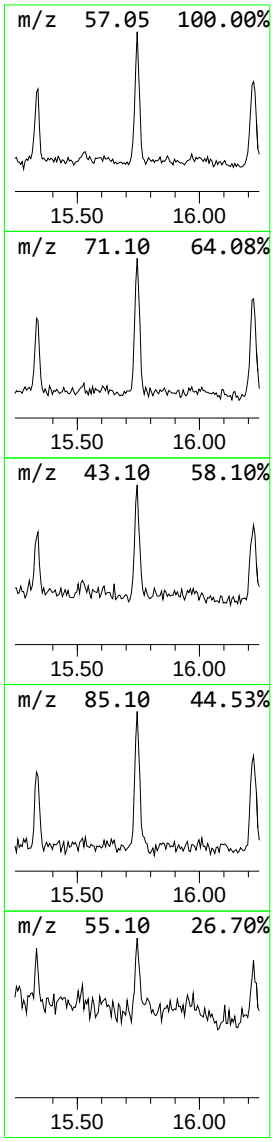
Peak Number 4 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	3.25 ng	145303	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hentriacontane	437	C31H64	000630-04-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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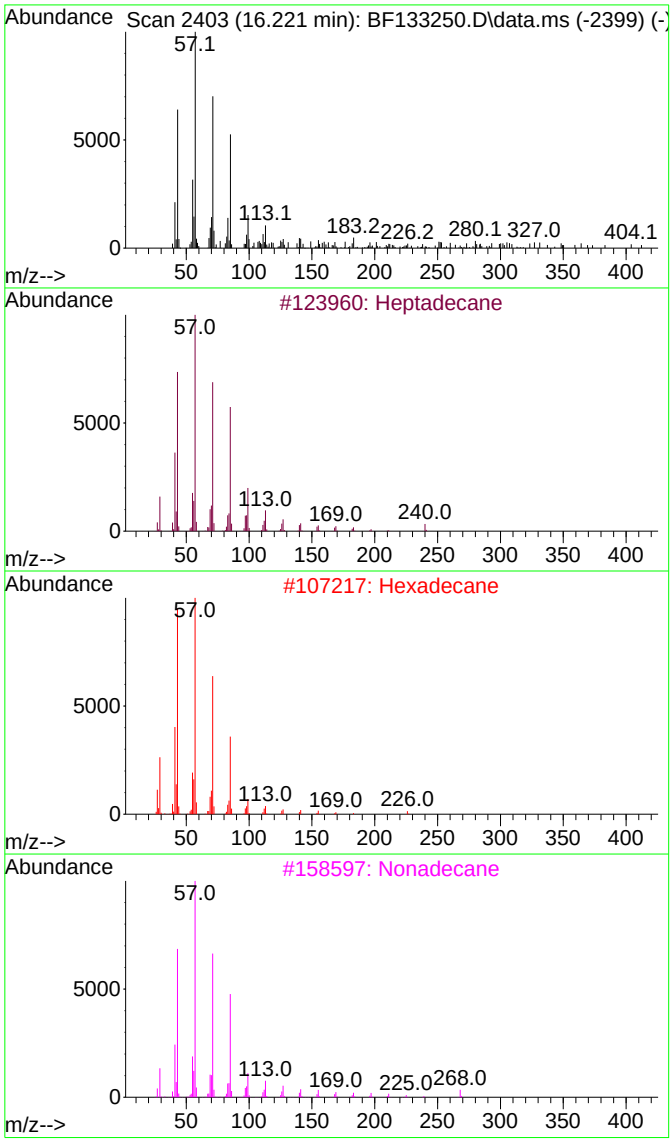
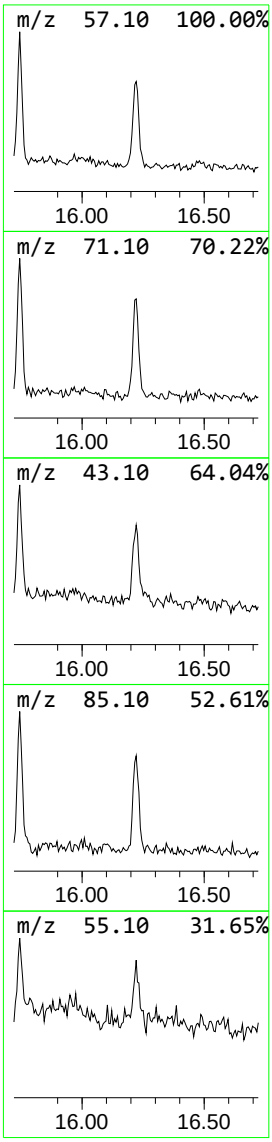
Peak Number 5 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	3.11 ng	139216	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	11-Methylpentacosane	366	C26H54	015689-71-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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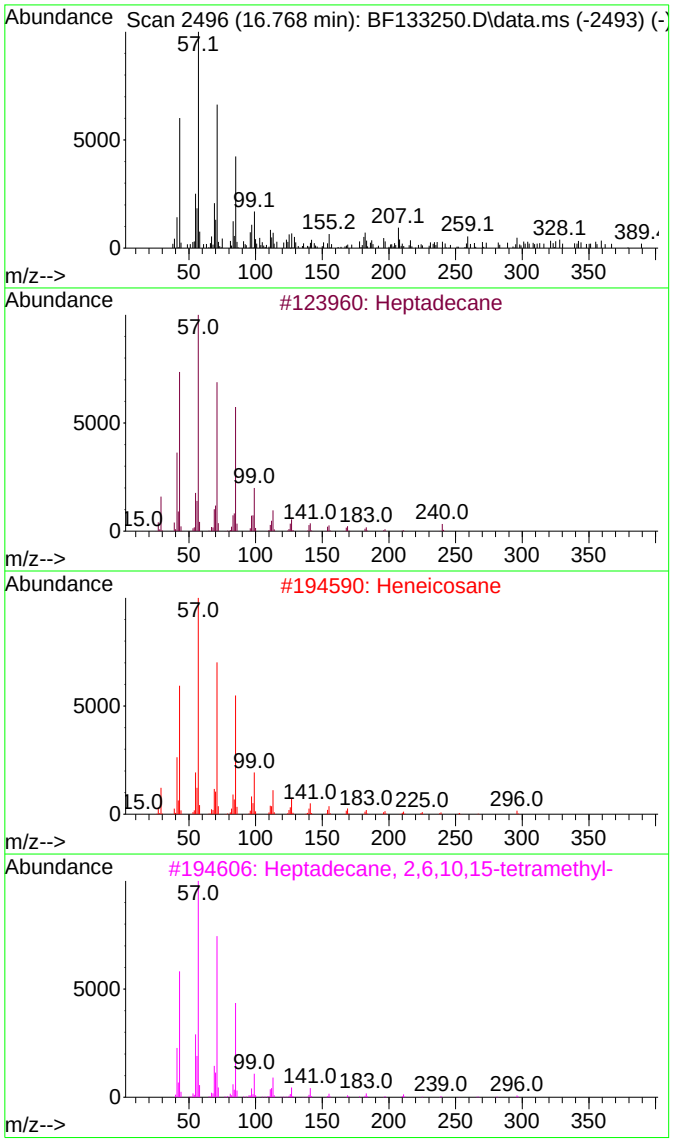
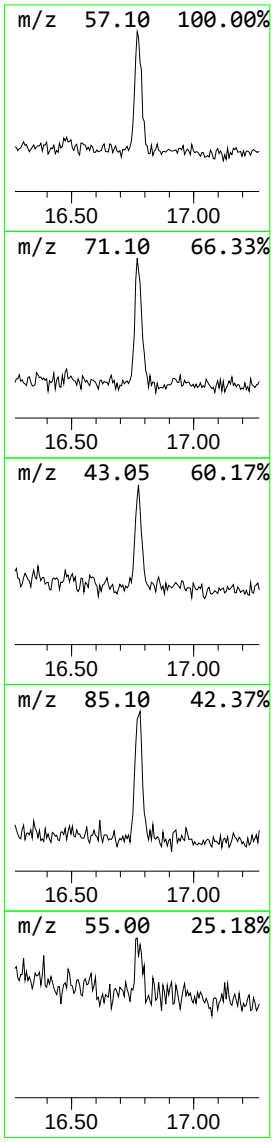
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.768	2.28 ng	101981	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	62
5	Hentriacontane	437	C31H64	000630-04-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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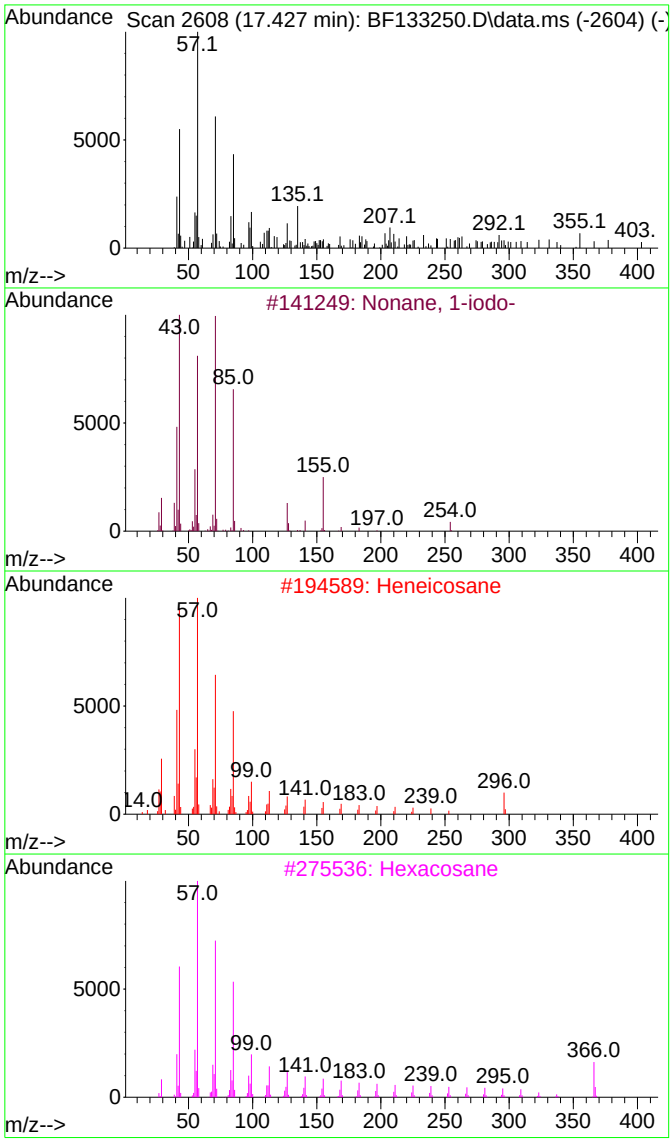
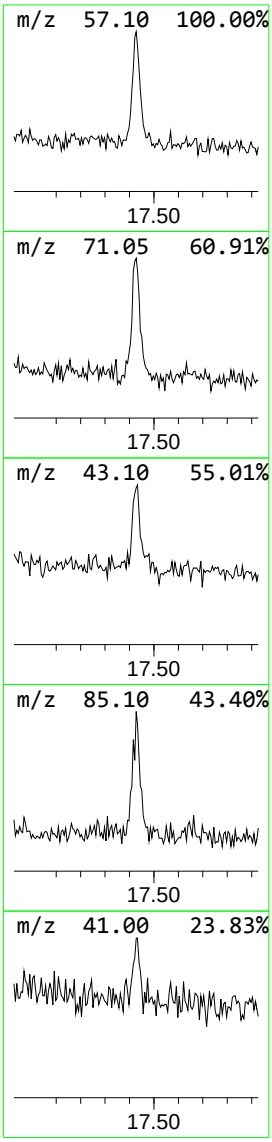
Peak Number 7 Nonane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.427	2.00 ng	89721	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 1-iodo-	254	C9H19I	004282-42-2	78
2	Heneicosane	296	C21H44	000629-94-7	64
3	Hexacosane	366	C26H54	000630-01-3	60
4	Octadecane	254	C18H38	000593-45-3	60
5	Hexadecane	226	C16H34	000544-76-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133250.D
Acq On : 05 May 2023 01:13
Operator : CG\JU
Sample : 02588-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-3-6-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Benzophenone	10.469	3.7	ng	281108	3	9.757	1531990	20.0
Heneicosane	14.980	2.0	ng	91030	6	15.292	895158	20.0
Benzo[e]pyrene	15.168	2.5	ng	110755	6	15.292	895158	20.0
Eicosane	15.745	3.3	ng	145303	6	15.292	895158	20.0
Heptadecane	16.221	3.1	ng	139216	6	15.292	895158	20.0
Heptadecane, 2,...	16.768	2.3	ng	101981	6	15.292	895158	20.0
Nonane, 1-iodo-	17.427	2.0	ng	89721	6	15.292	895158	20.0