LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

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_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	487	494	502	rBV	205119	266091	3.05%	0.358%
2	5.405	560	564	568	rBV	5153074	5141771	59.00%	6.917%
3	6.416	731	736	741	rBV	5578299	5578626	64.02%	7.505%
4	6.557	755	760	763	rBV	6474323	5657075	64.92%	7.611%
5	6.787	795	799	802	rBV	2138020	1623616	18.63%	2.184%
6	6.946	822	826	829	rBV	5722150	4700314	53.94%	6.323%
7	7.346	889	894	897	rBV	4128324	3465560	39.77%	4.662%
8	8.069	1013	1017	1020	rBV	2647884	2111189	24.23%	2.840%
9	9.146	1196	1200	1203	rBV	8611226	7343965	84.28%	9.880%
10	9.540	1264	1267	1270	rBV	990719	713656	8.19%	0.960%
11	9.734	1294	1300	1305	rBV	103120	154501	1.77%	0.208%
12	9.828	1312	1316	1319	rBV	3481002	2707123	31.07%	3.642%
13	10.622	1446	1451	1454	rBV	5506280	5331441	61.18%	7.173%
14	11.322	1566	1570	1573	rBV	3663041	3025252	34.72%	4.070%
15	11.393	1577	1582	1585	rVB3	122224	121747	1.40%	0.164%
16	11.863	1658	1662	1672	rBV	870174	887908	10.19%	1.195%
17	12.545	1774	1778	1781	rBV	285476	259702	2.98%	0.349%
18	12.657	1793	1797	1810	rBV	326667	409840	4.70%	0.551%
19	12.775	1810	1817	1820	rVV	249876	265954	3.05%	0.358%
20	12.928	1838	1843	1846	rBV	9577885	8714142	100.00%	11.723%
21	13.169	1879	1884	1888	rBV4	82804	105053	1.21%	0.141%
22	13.845	1993	1999	2015	rBV2	764484	1074225	12.33%	1.445%
23	13.986	2018	2023	2026	rBV	3723238	3263755	37.45%	4.391%
24	14.169	2051	2054	2058	rBV	410084	348424	4.00%	0.469%
25	14.475	2103	2106	2119	rVB	652874	733594	8.42%	0.987%
26	14.792	2156	2160	2166	rVB	1054452	1110214	12.74%	1.494%
27	14.869	2169	2173	2177	rVB	137390	147197	1.69%	0.198%
28	15.033	2198	2201	2211	rVB	115950	228383	2.62%	0.307%
29	15.133	2214	2218	2229	rVV	1248779	1522945	17.48%	2.049%
30	15.398	2260	2263	2269	rVB	123444	148133	1.70%	0.199%
31	15.469	2269	2275	2279	rVV	2460713	2935557	33.69%	3.949%
32	15.522	2279	2284	2295	rVB	1208715	1698068	19.49%	2.284%
33	15.969	2355	2360	2367	rBV	904288	1385557	15.90%	1.864%
34	16.486	2442	2448	2460	rVB2	439892	874173	10.03%	1.176%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

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_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.092	2546	2551	2559	rBV	138043	276624	3.17%	0.372%

Sum of corrected areas: 74331375

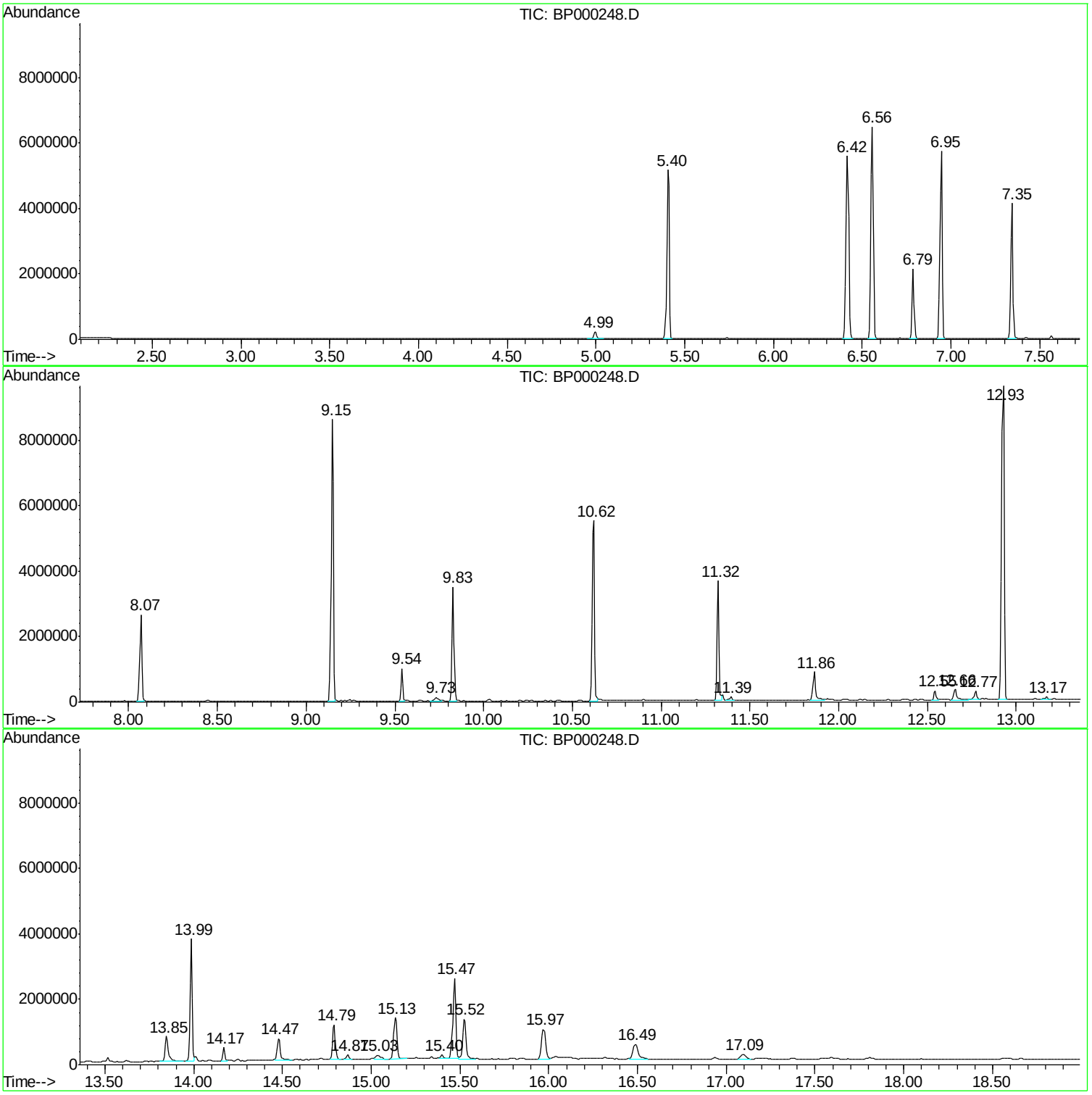
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

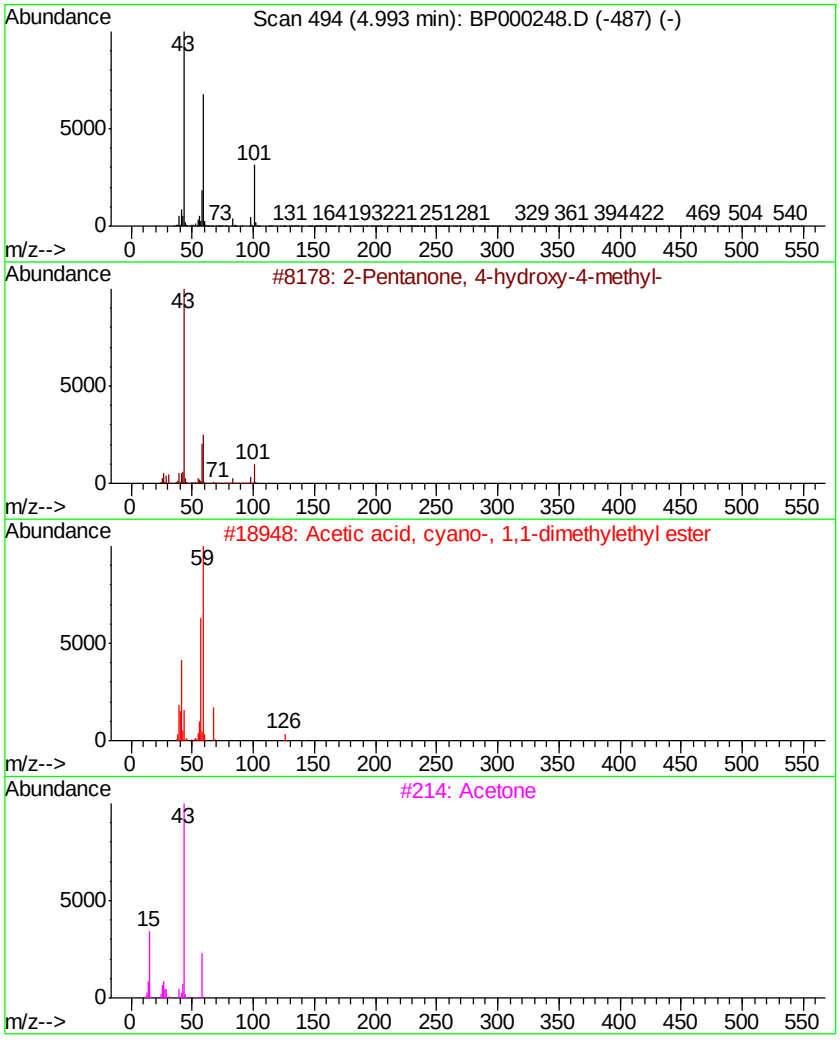
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

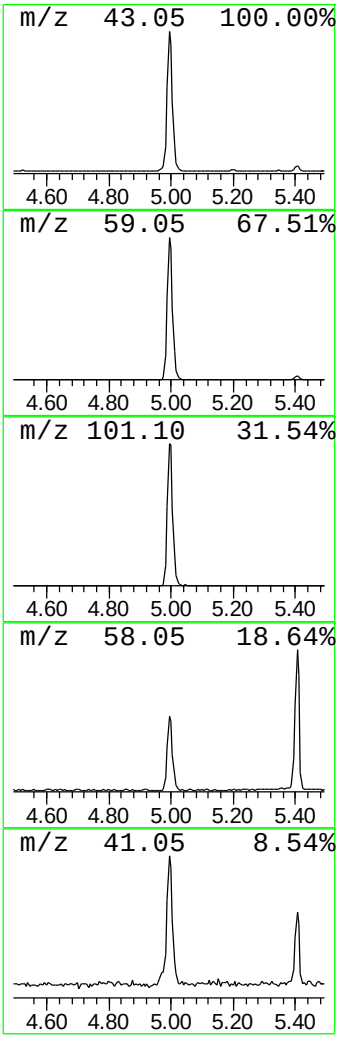
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.28 ng	266091	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

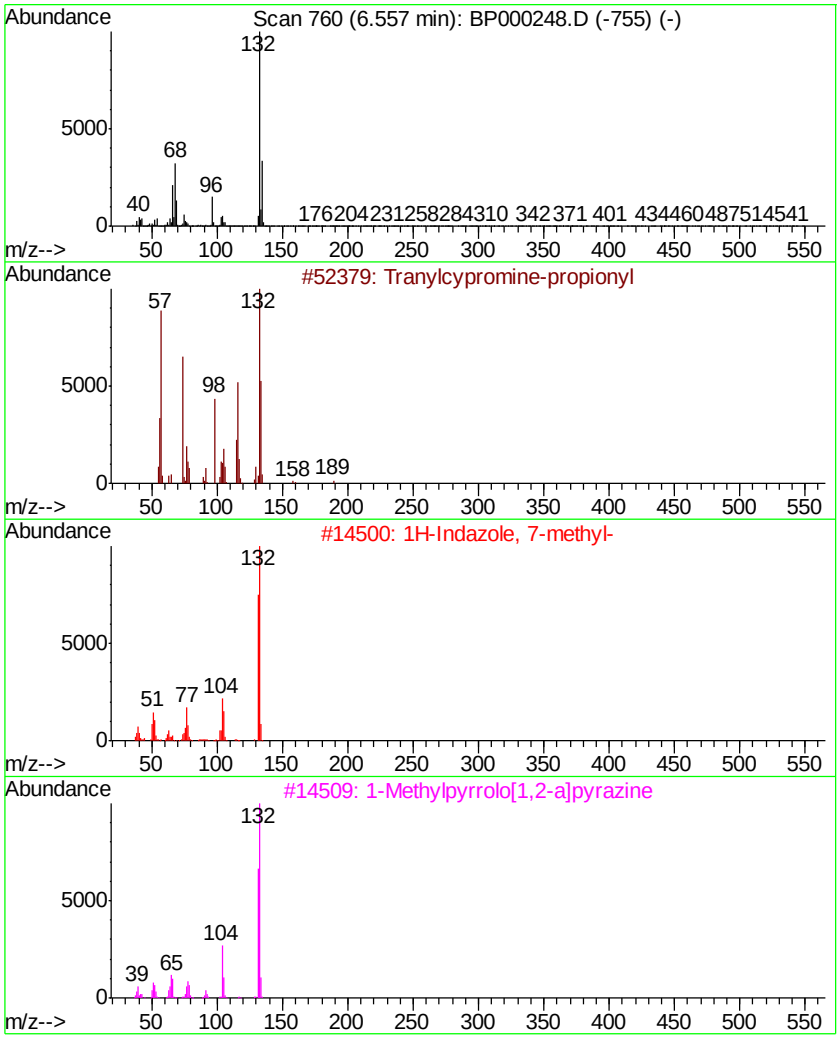
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

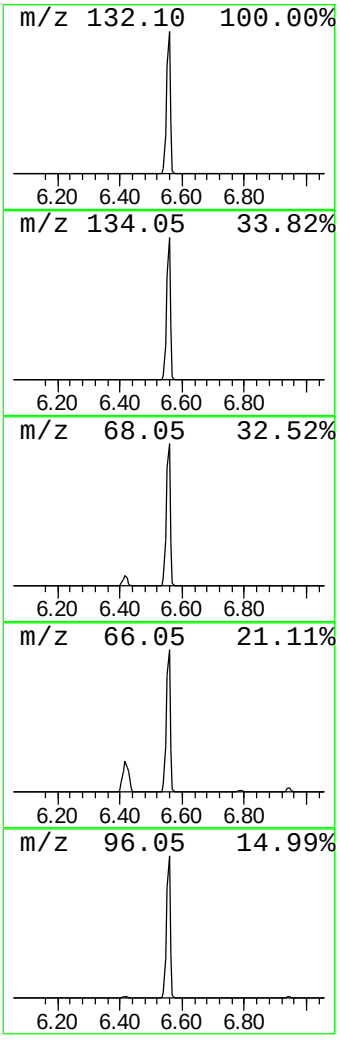
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	69.68 ng	5657080	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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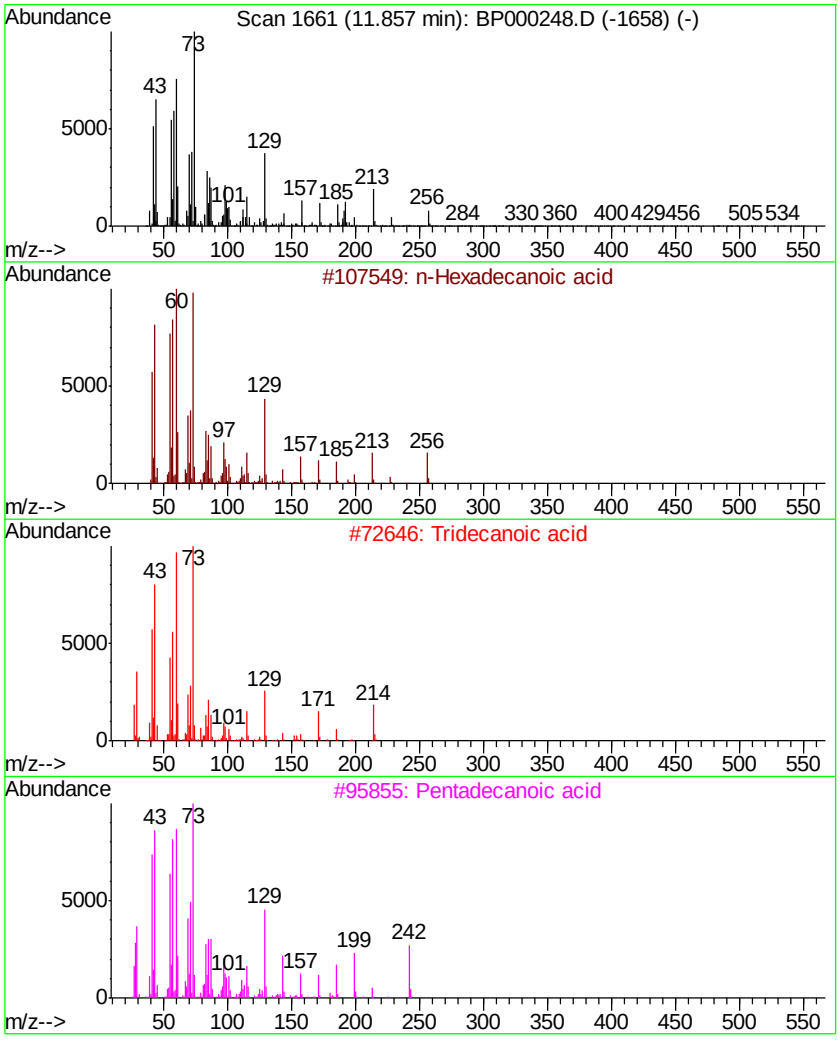
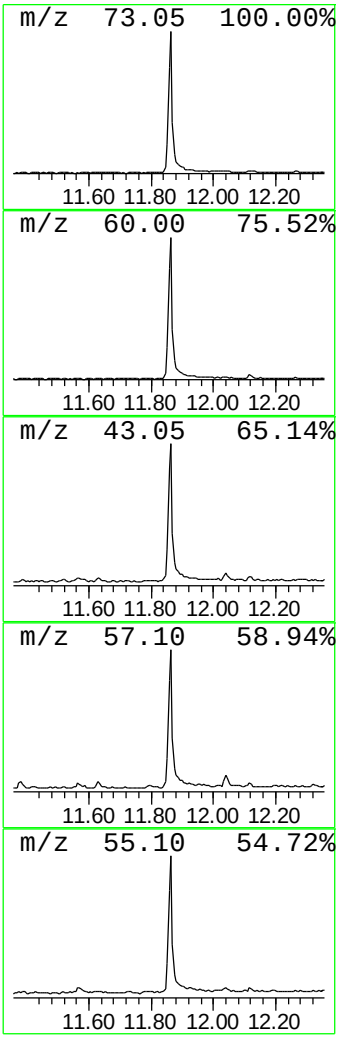
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.87 ng	887908	Phenanthrene-d10	11.32

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

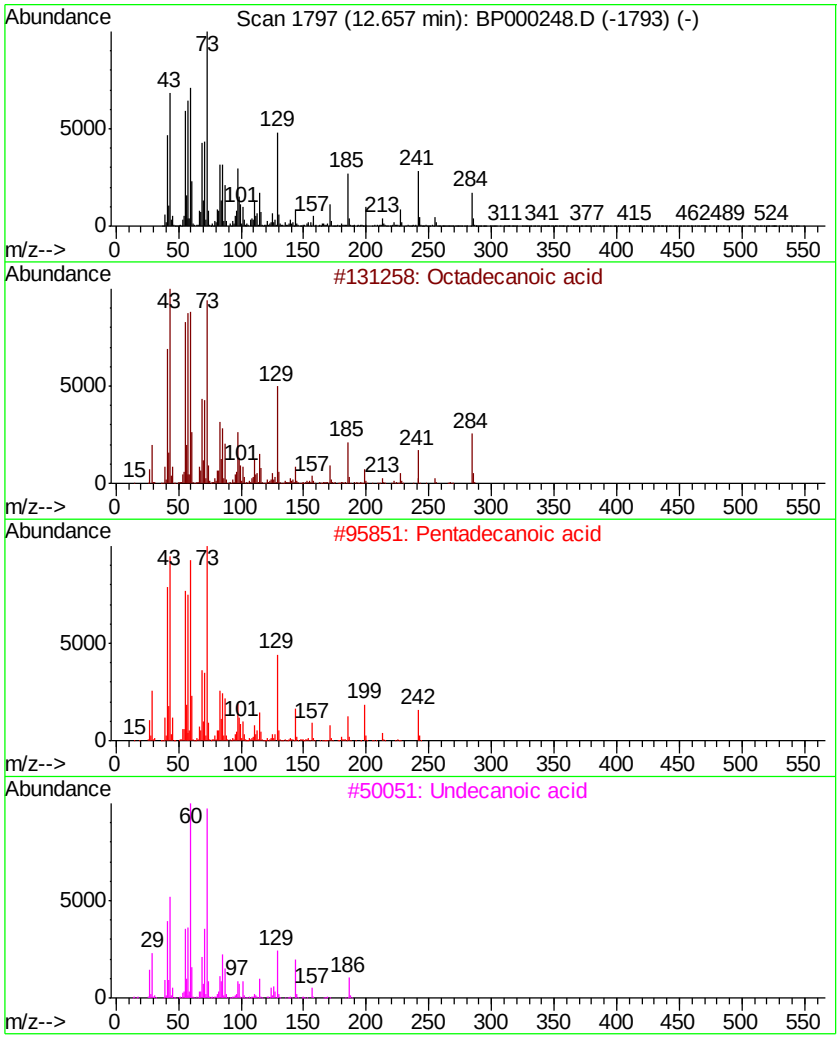
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

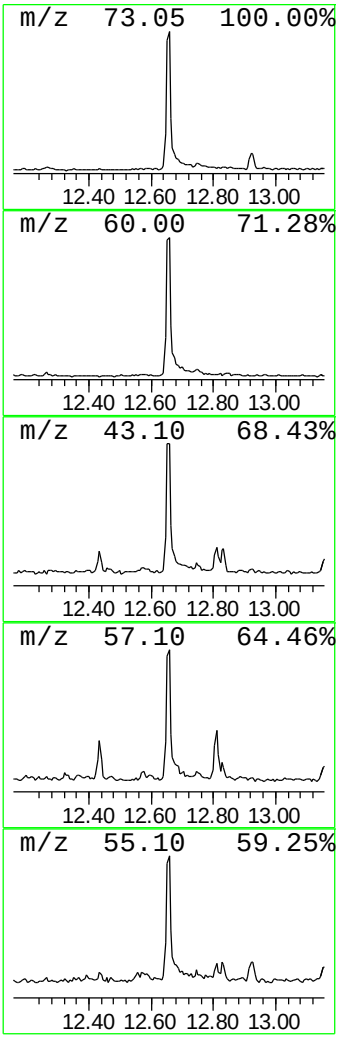
****

Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.51 ng	409840	Chrysene-d12	13.99

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	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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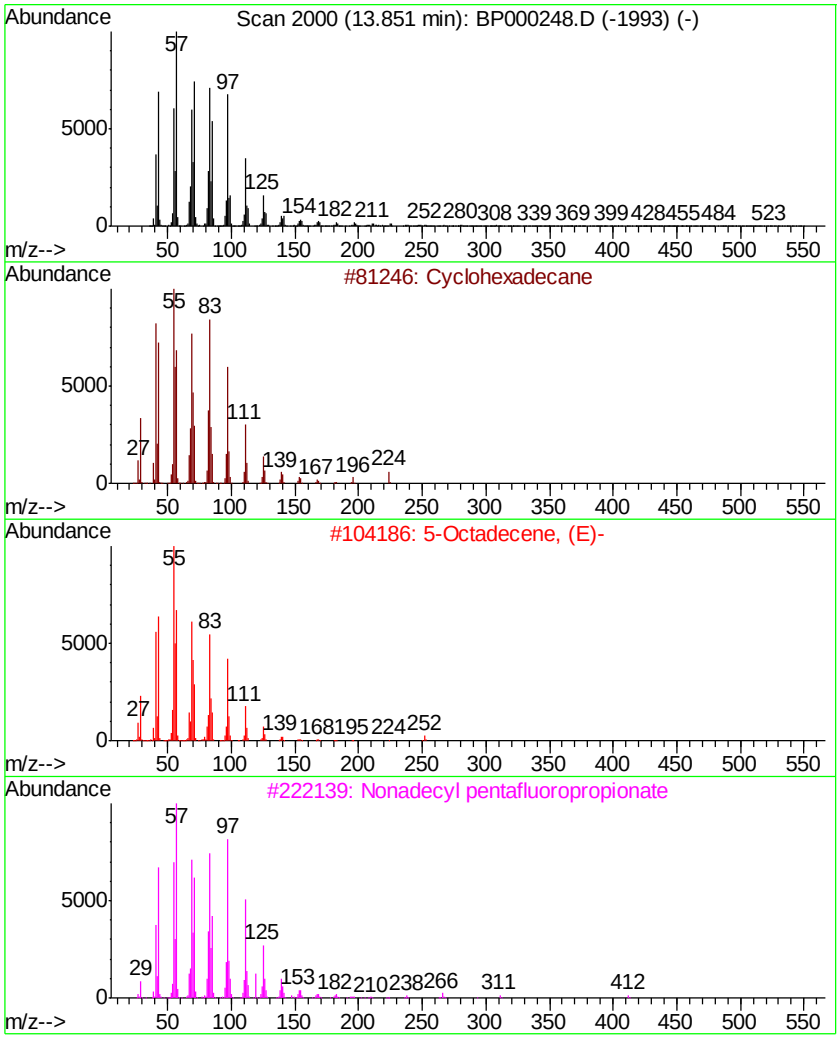
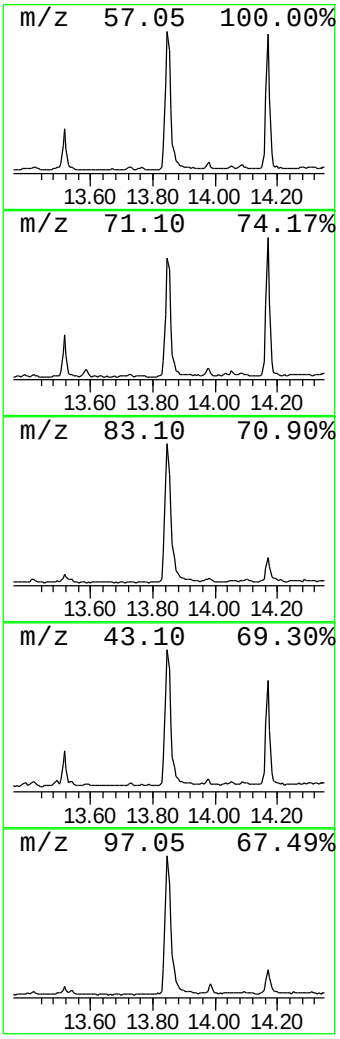
Peak Number 6 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.58 ng	1074230	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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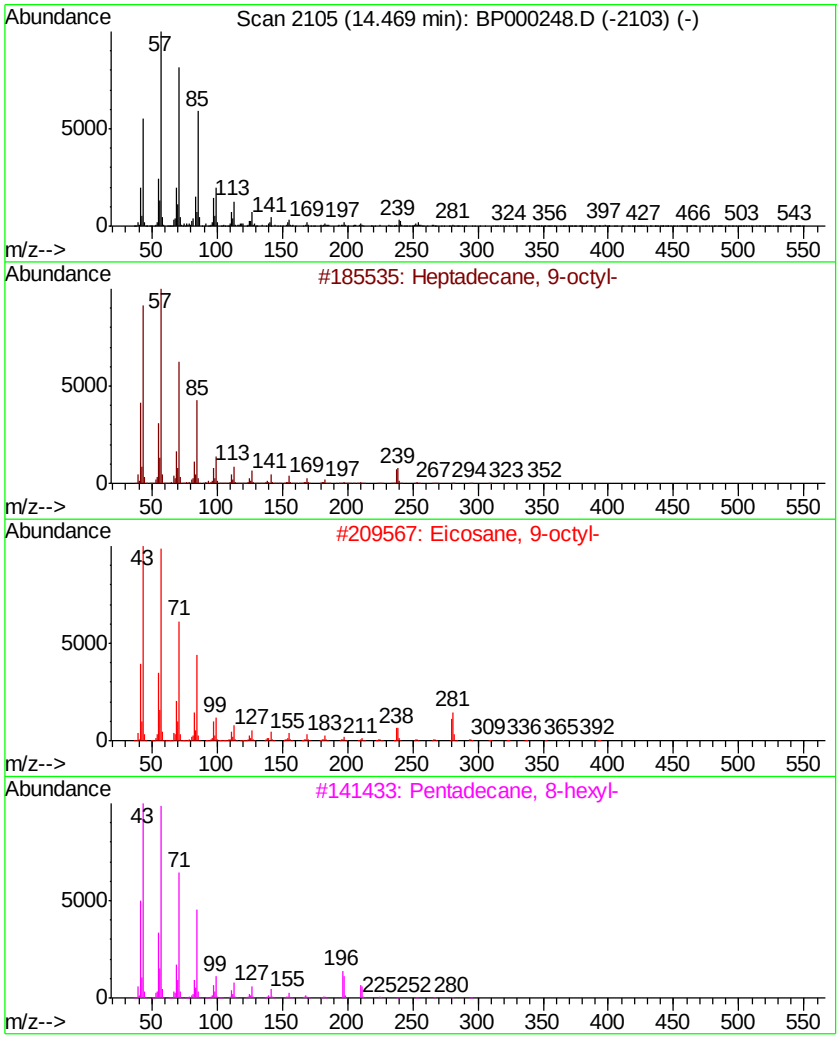
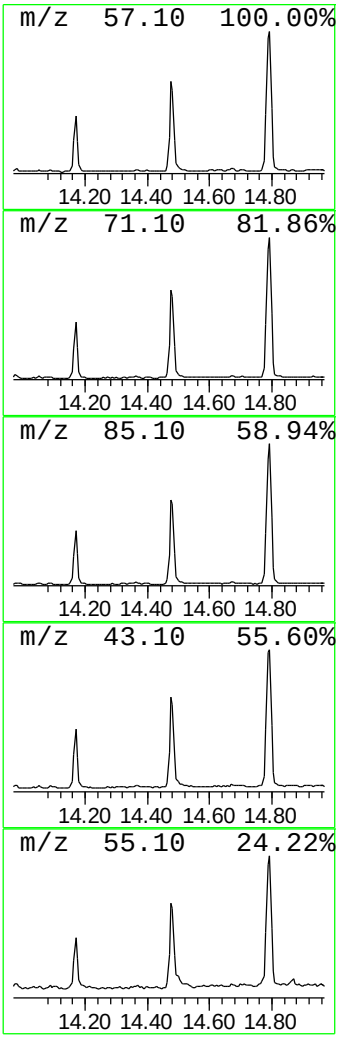
Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.50 ng	733594	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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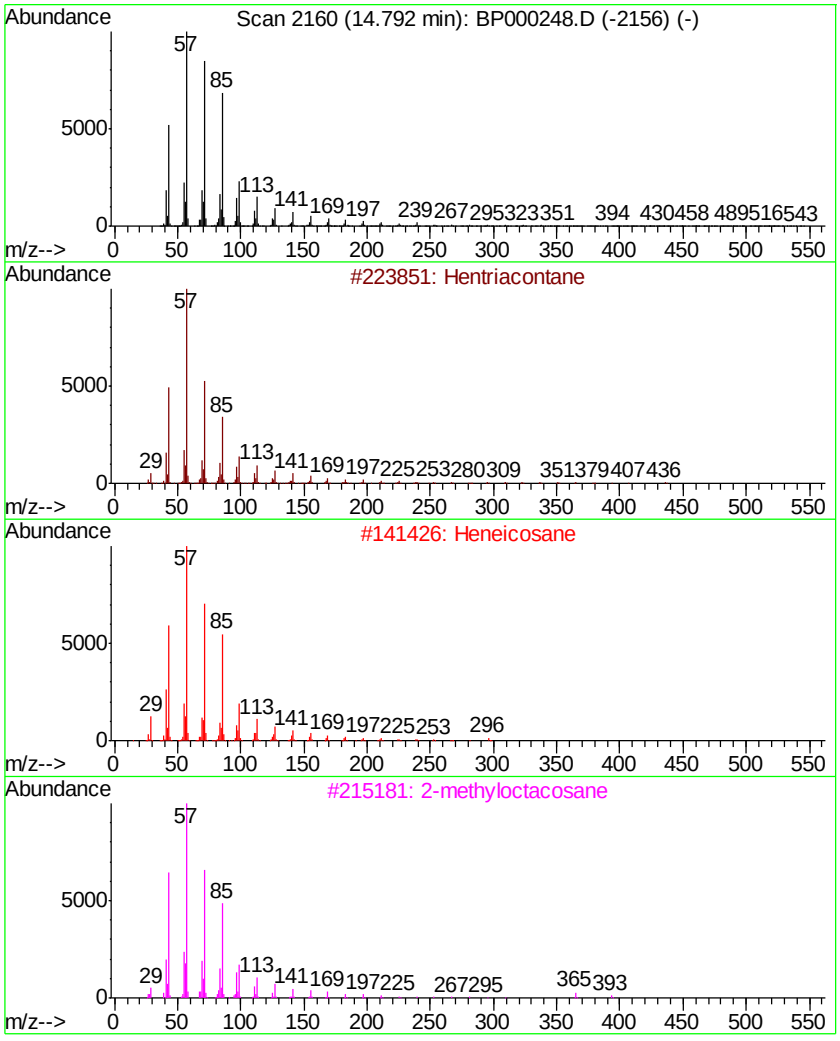
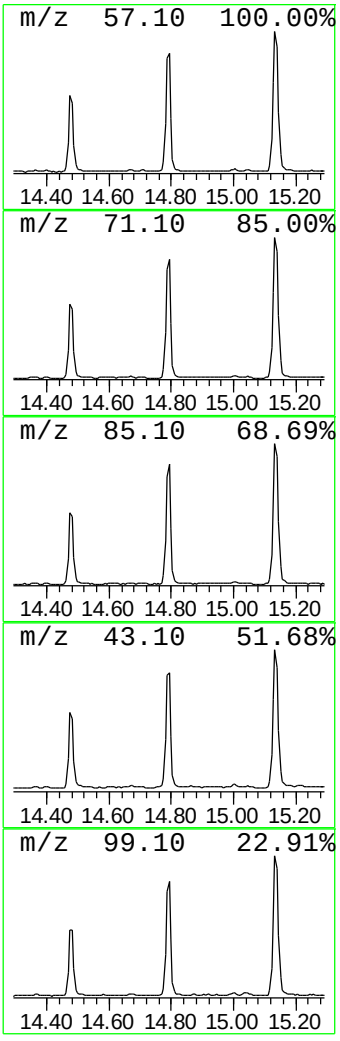
Peak Number 9 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	7.56 ng	1110210	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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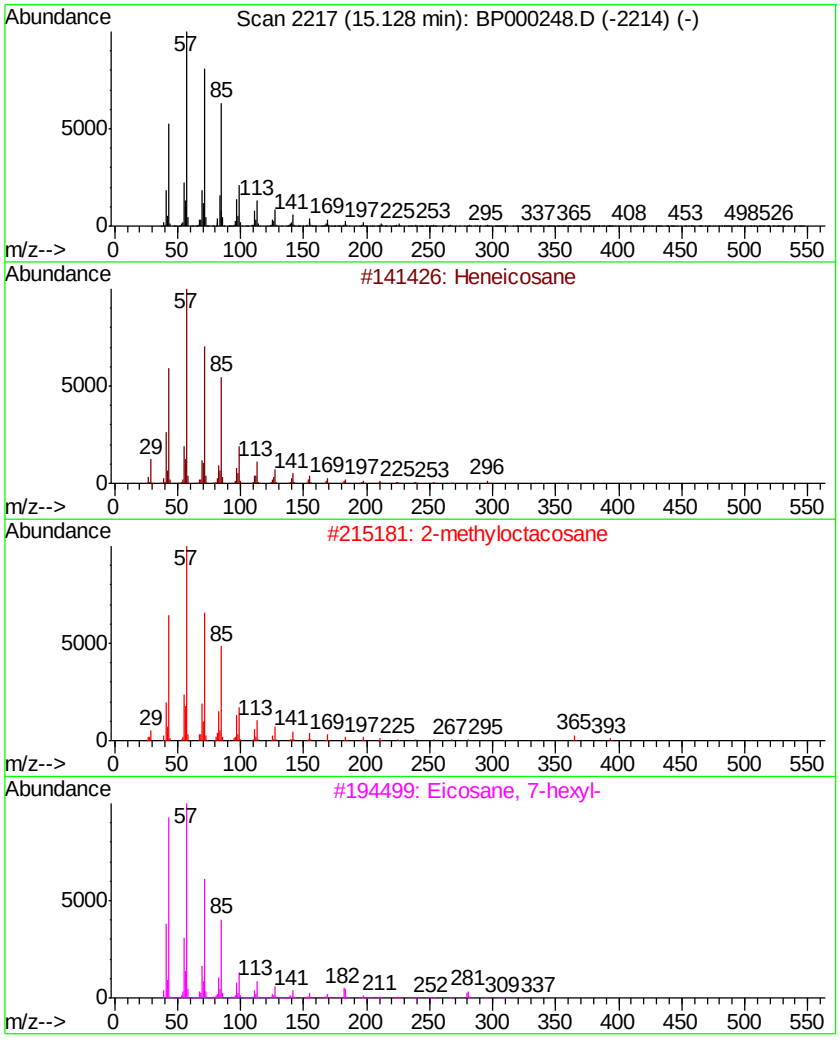
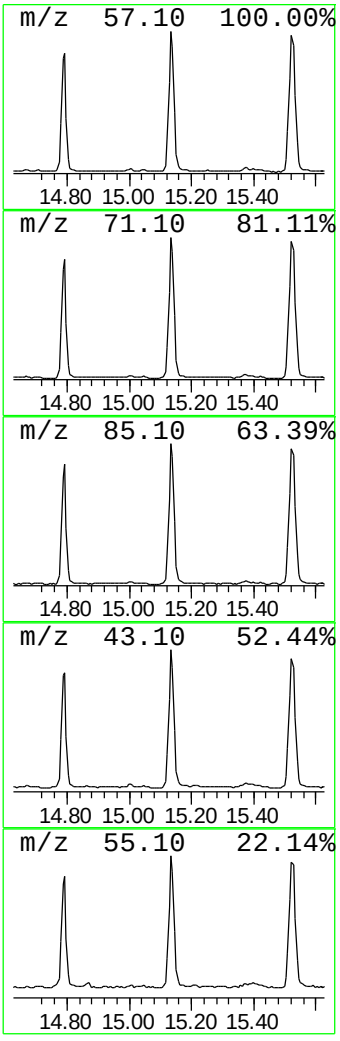
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.38 ng	1522950	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

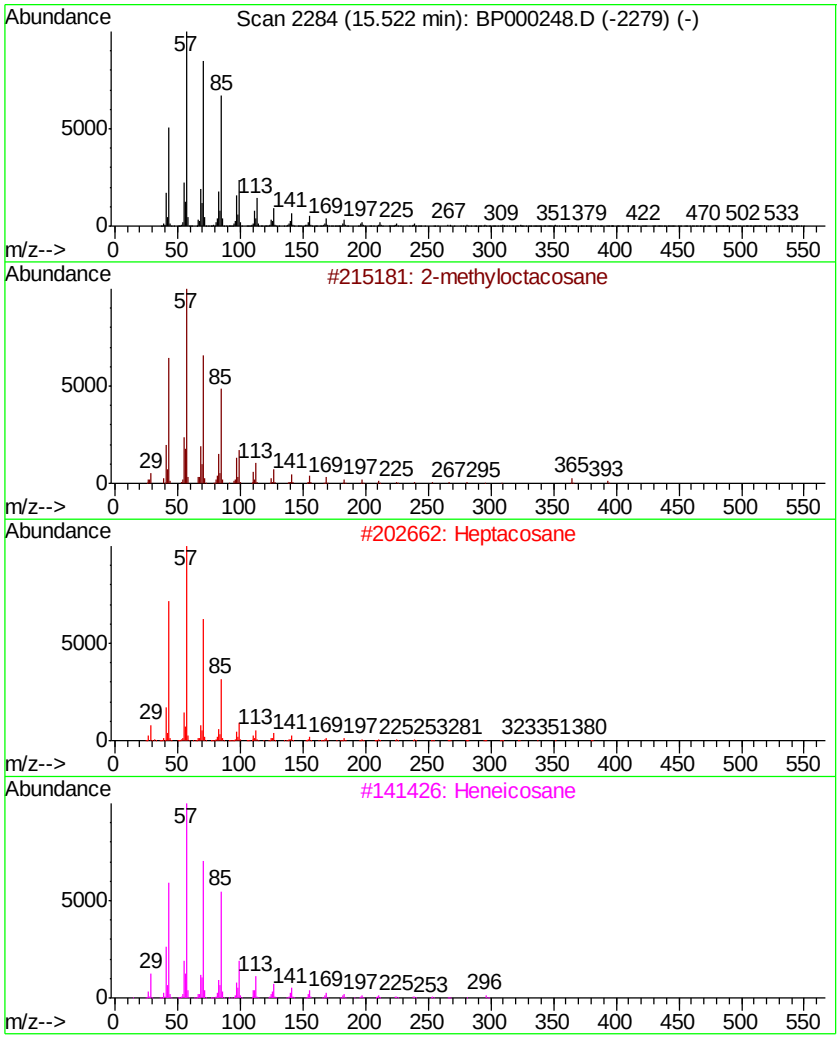
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

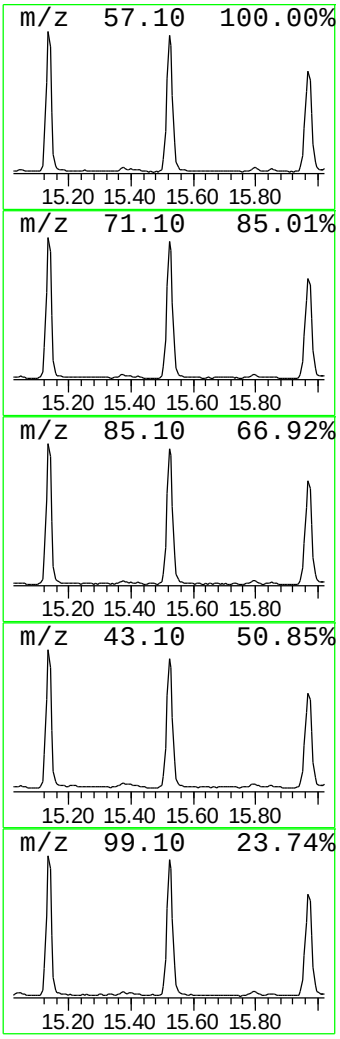
****

Peak Number 11 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	11.57 ng	1698070	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

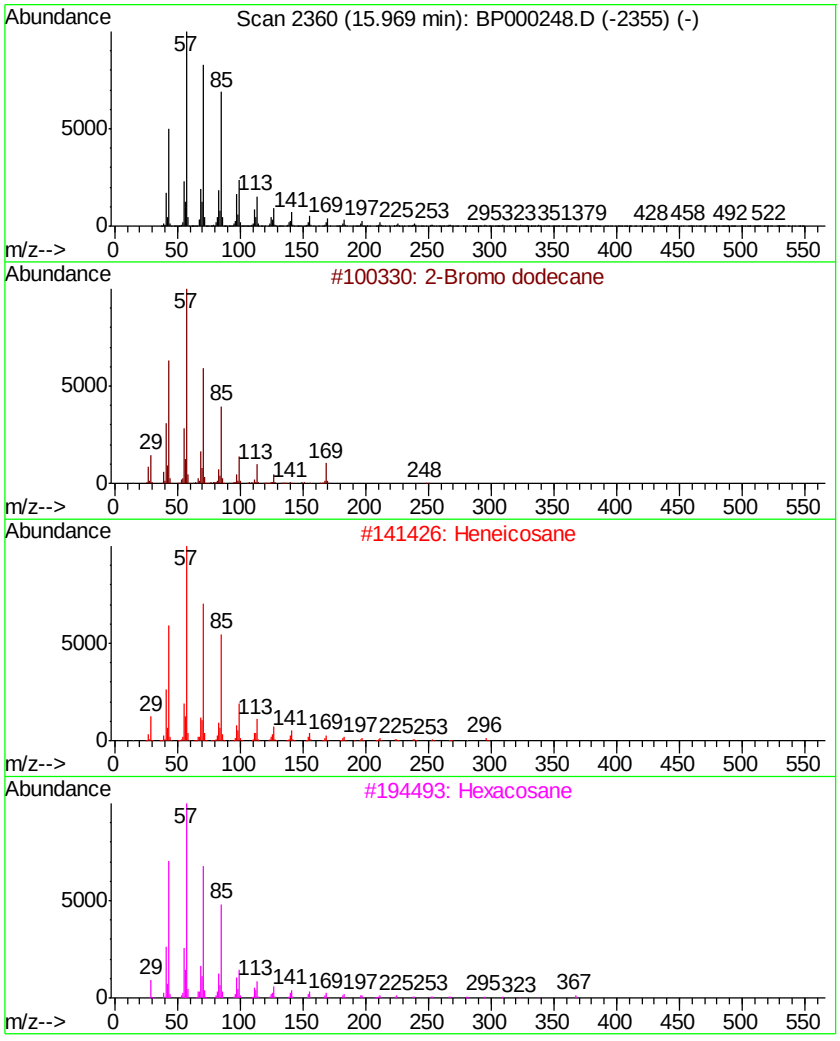
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

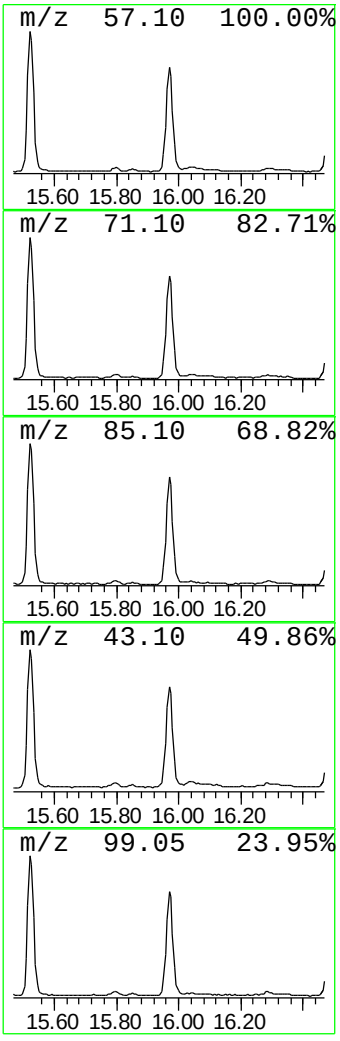
****

Peak Number 12 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.44 ng	1385560	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

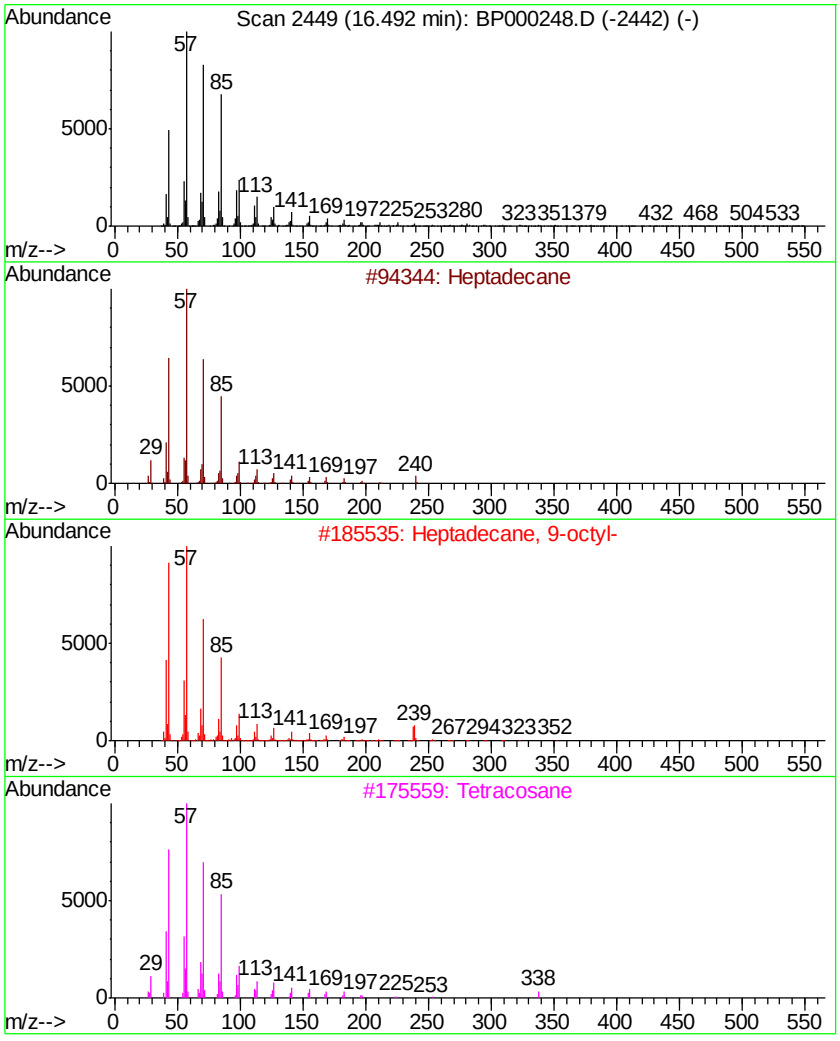
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

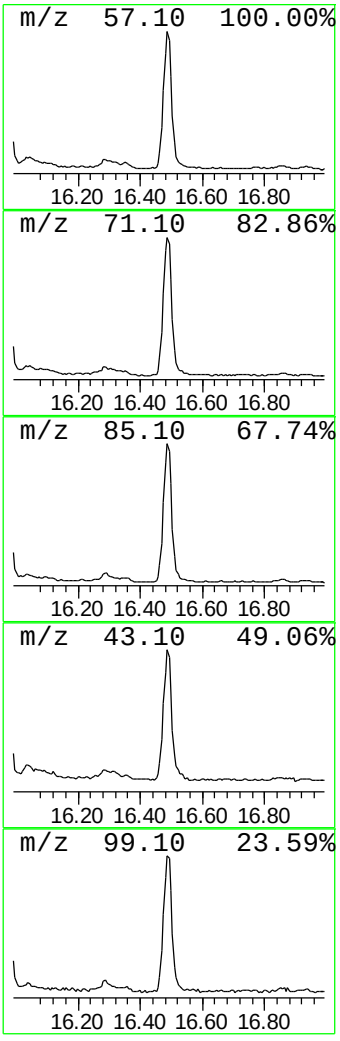
****

Peak Number 13 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.96 ng	874173	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091619\
Data File : BP000248.D
Acq On : 16 Sep 2019 19:59
Operator : HP/JU
Sample : K4861-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11-D(4-6.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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
2-Pentanone, 4-hy...	4.99	3.3	ng	266091	1	6.79	1623620	20.0
unknown6.56	6.56	69.7	ng	5657080	1	6.79	1623620	20.0
n-Hexadecanoic acid	11.86	5.9	ng	887908	4	11.32	3025250	20.0
Octadecanoic acid	12.66	2.5	ng	409840	5	13.99	3263760	20.0
Cyclohexadecane	13.85	6.6	ng	1074230	5	13.99	3263760	20.0
Heptadecane, 9-oc...	14.47	4.5	ng	733594	5	13.99	3263760	20.0
Hentriacontane	14.79	7.6	ng	1110210	6	15.47	2935560	20.0
Heneicosane	15.13	10.4	ng	1522950	6	15.47	2935560	20.0
2-methyloctacosane	15.52	11.6	ng	1698070	6	15.47	2935560	20.0
2-Bromo dodecane	15.97	9.4	ng	1385560	6	15.47	2935560	20.0
Heptadecane	16.49	6.0	ng	874173	6	15.47	2935560	20.0