LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001429.D
Acq On : 26 Dec 2019 18:55
Operator : JU
Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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-BP121919.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	5.593	592	596	608	rVB	81600	125922	6.62%	1.087%
2	6.205	695	700	717	rBV	544899	712730	37.48%	6.155%
3	7.752	957	963	976	rBV	383804	500423	26.31%	4.321%
4	7.934	987	994	1006	rBV	1060717	1255283	66.00%	10.840%
5	8.281	1048	1053	1062	rVB	194970	230101	12.10%	1.987%
6	8.528	1088	1095	1100	rBV	864696	990280	52.07%	8.551%
7	8.981	1166	1172	1179	rBV	16957	22321	1.17%	0.193%
8	9.169	1197	1204	1208	rBV	618017	826582	43.46%	7.138%
9	10.028	1345	1350	1362	rVB	57680	68858	3.62%	0.595%
10	10.322	1394	1400	1411	rBV	209142	272175	14.31%	2.350%
11	12.099	1695	1702	1718	rBV	1285152	1595842	83.91%	13.781%
12	12.769	1810	1816	1822	rBV	16370	21456	1.13%	0.185%
13	13.181	1880	1886	1893	rBV	272818	332153	17.47%	2.868%
14	14.481	2100	2107	2130	rVB	944125	1200581	63.13%	10.368%
15	15.581	2288	2294	2299	rBV	321888	362834	19.08%	3.133%
16	16.469	2441	2445	2457	rBV2	40744	59769	3.14%	0.516%
17	17.557	2626	2630	2640	rBV3	20333	31975	1.68%	0.276%
18	17.869	2677	2683	2686	rBV	1805840	1901814	100.00%	16.423%
19	19.163	2897	2903	2909	rBV5	27849	68207	3.59%	0.589%
20	19.222	2909	2913	2917	rVB	280520	307534	16.17%	2.656%
21	19.904	3023	3029	3034	rBV	30042	39560	2.08%	0.342%
22	20.275	3088	3092	3096	rVB	51600	54274	2.85%	0.469%
23	20.669	3154	3159	3167	rBV	58800	83745	4.40%	0.723%
24	20.992	3208	3214	3221	rBV	222133	290529	15.28%	2.509%
25	21.098	3227	3232	3241	rVB	54292	83746	4.40%	0.723%
26	21.592	3310	3316	3323	rVB	48775	84110	4.42%	0.726%
27	22.157	3406	3412	3422	rVB3	28311	57423	3.02%	0.496%

Sum of corrected areas: 11580227

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
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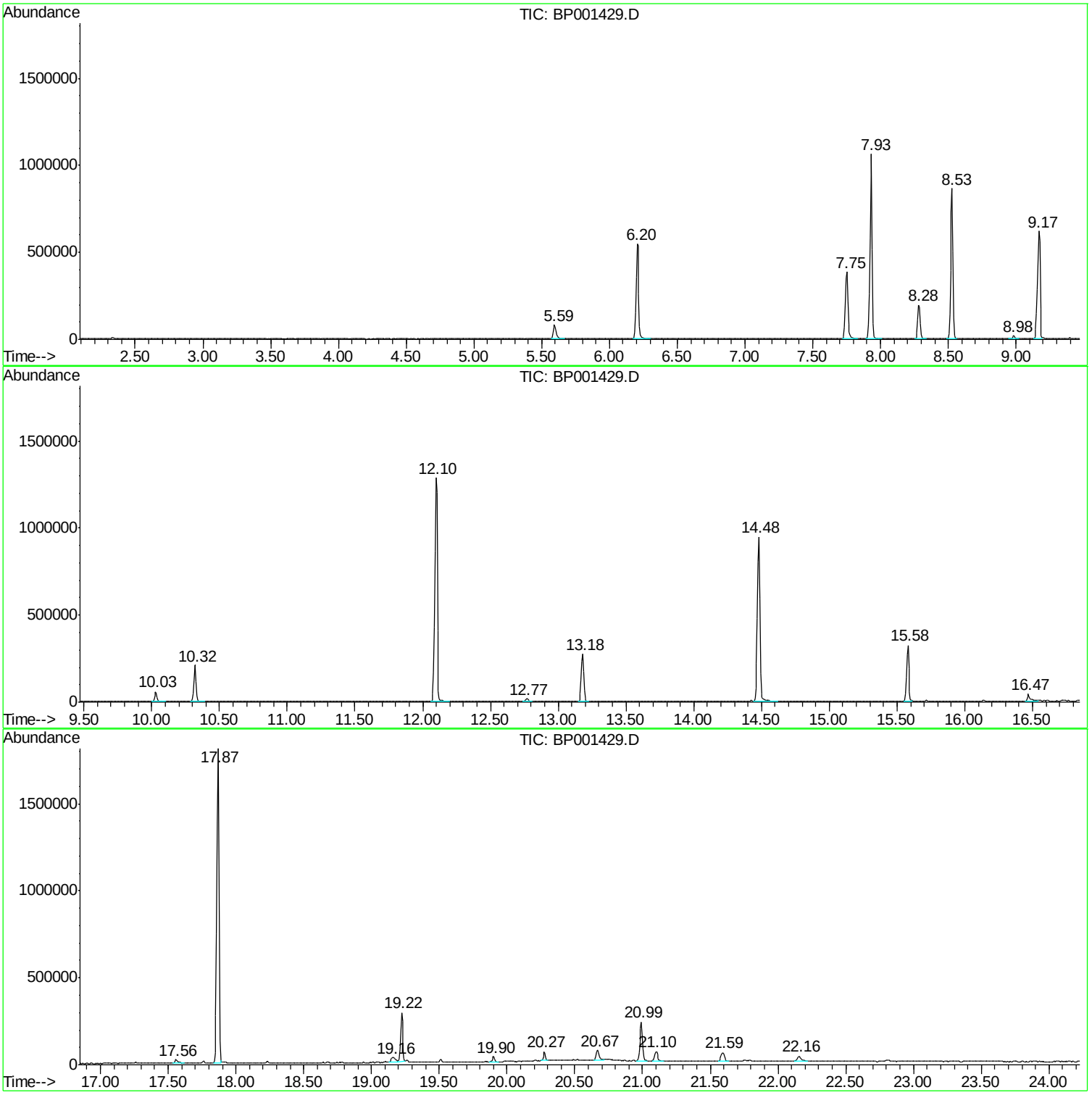
Operator : JU
Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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

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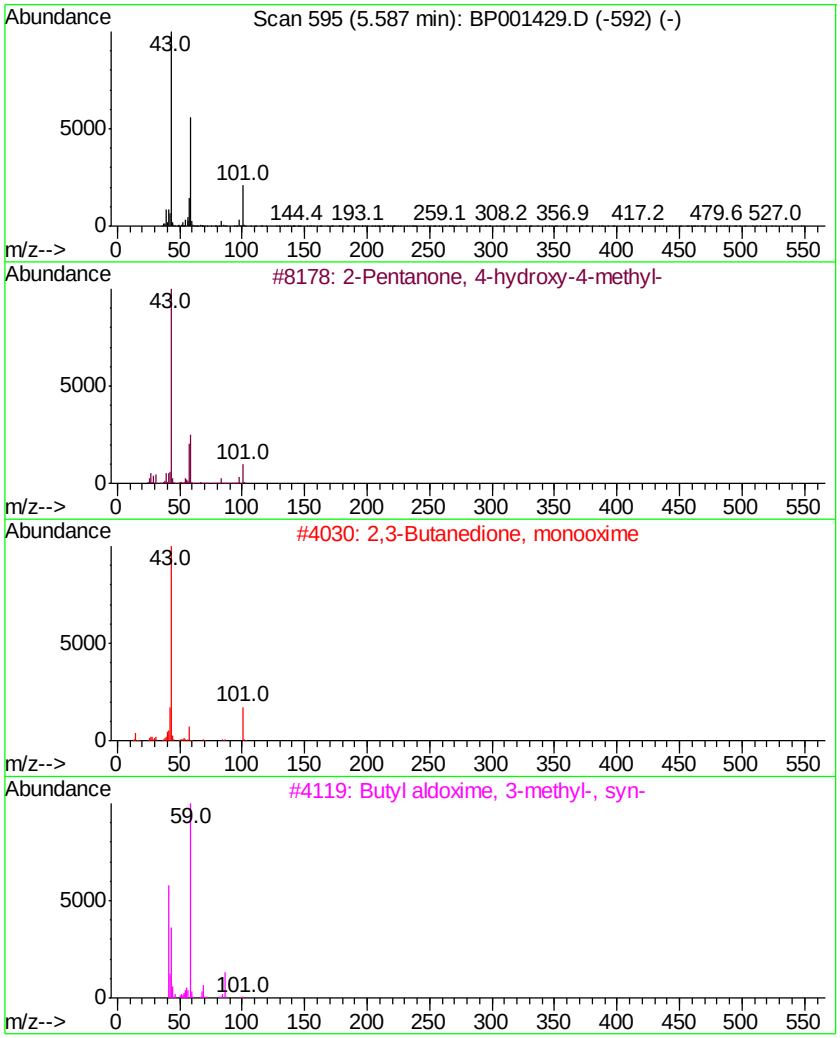
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

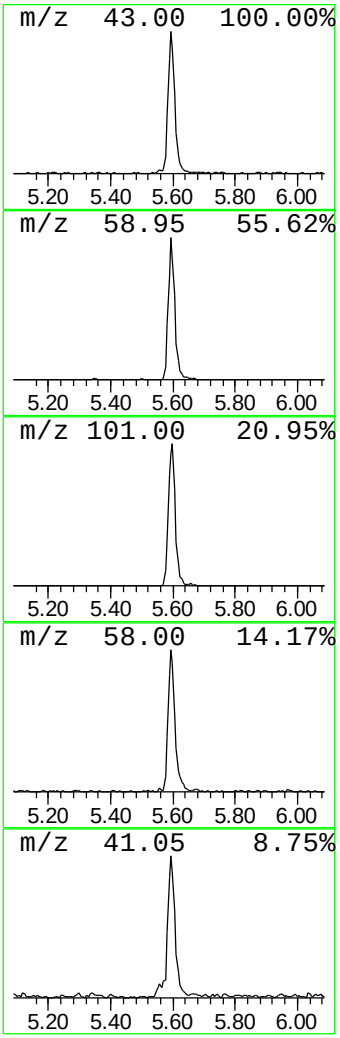
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	10.94 ng	125922	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

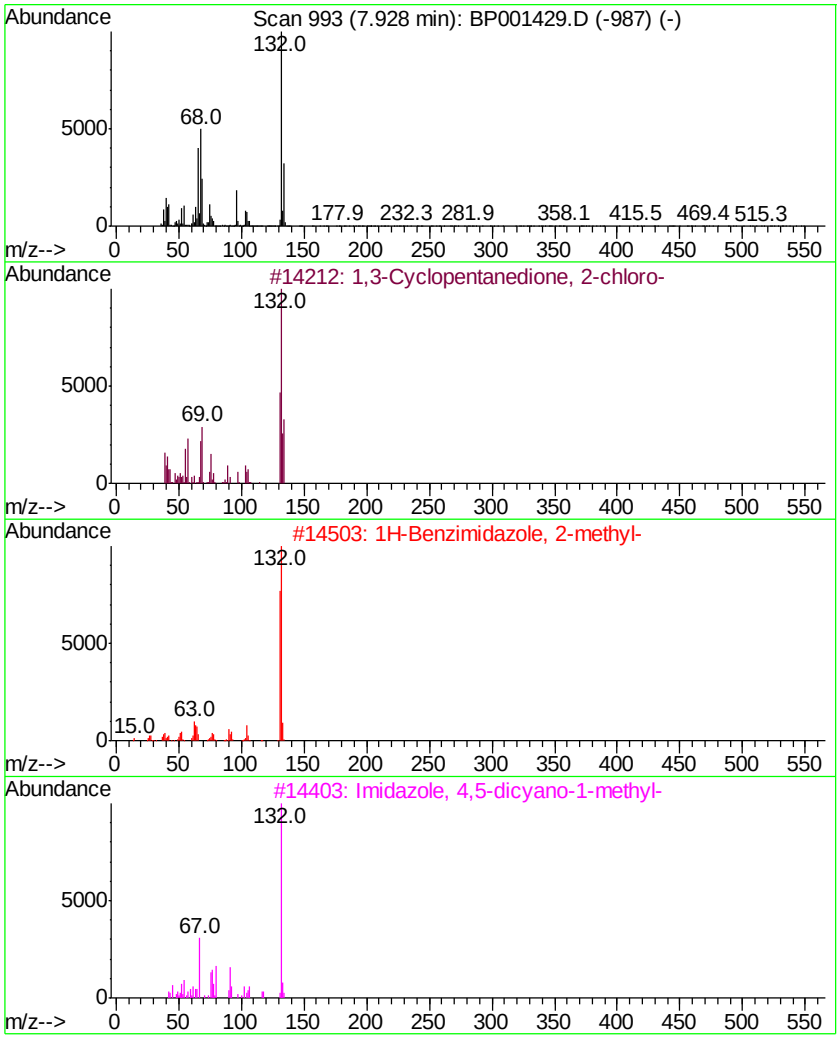
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

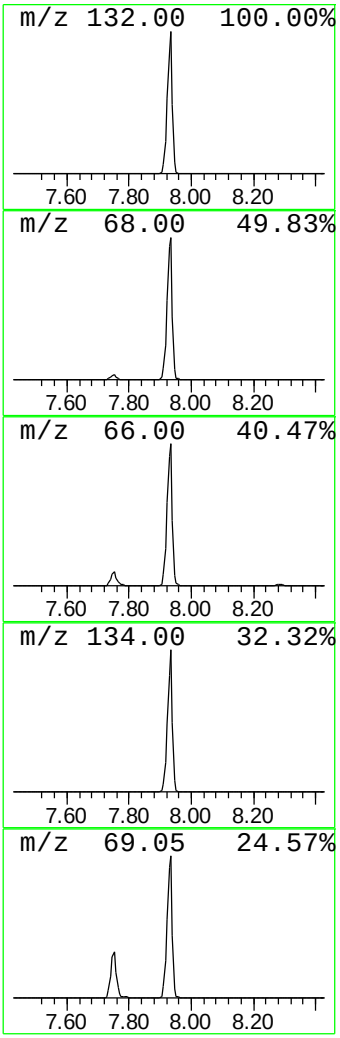
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	109.11 ng	1255280	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	43
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22





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Instrument : BNA_P
ClientSampleId : MH-G

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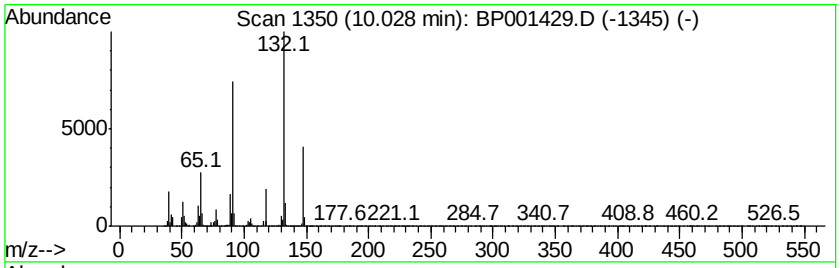
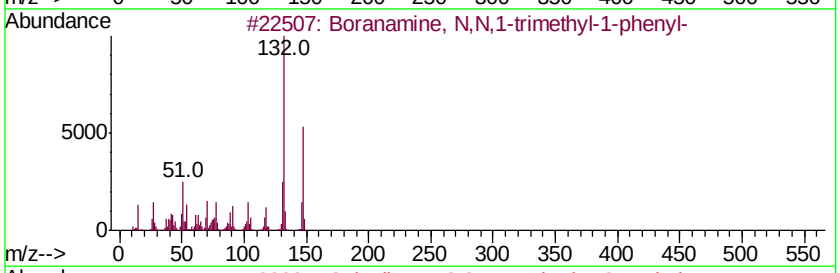
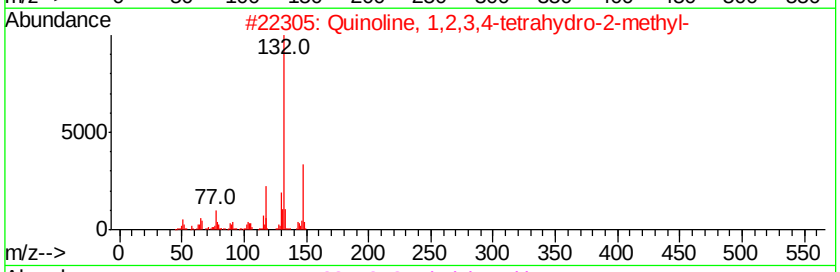
Peak Number 4 Boranamine, N,N,1-trimethyl... Concentration Rank 7

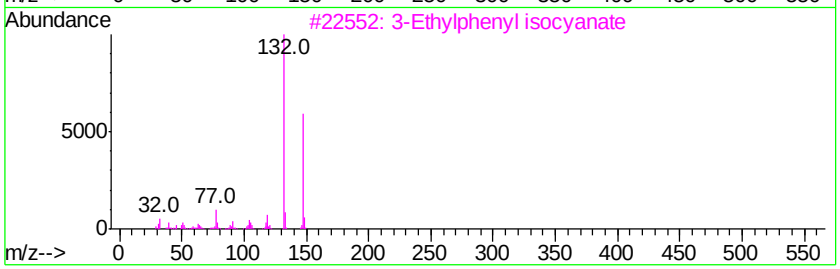
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	5.06 ng	68858	Naphthalene-d8	10.32

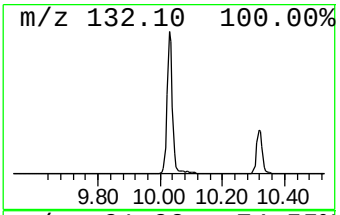
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boranamine, N,N,1-trimethyl-1-ph...	147	C9H14BN	003519-71-9	59
2	Quinoline, 1,2,3,4-tetrahydro-2-...	147	C10H13N	001780-19-4	58
3	3-Ethylphenyl isocyanate	147	C9H9NO	023138-58-1	49
4	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	49
5	Cyanamide, methylphenyl-	132	C8H8N2	018773-77-8	49

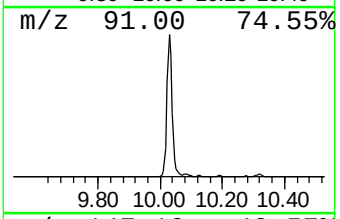


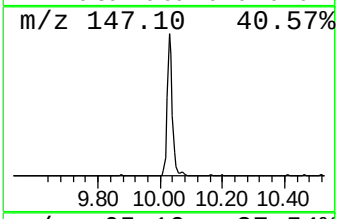


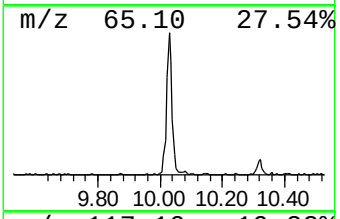


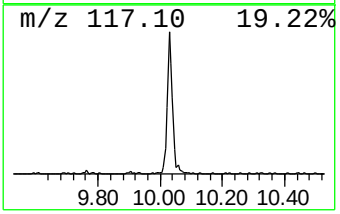












Library Search Compound Report

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Data File : BP001429.D
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Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

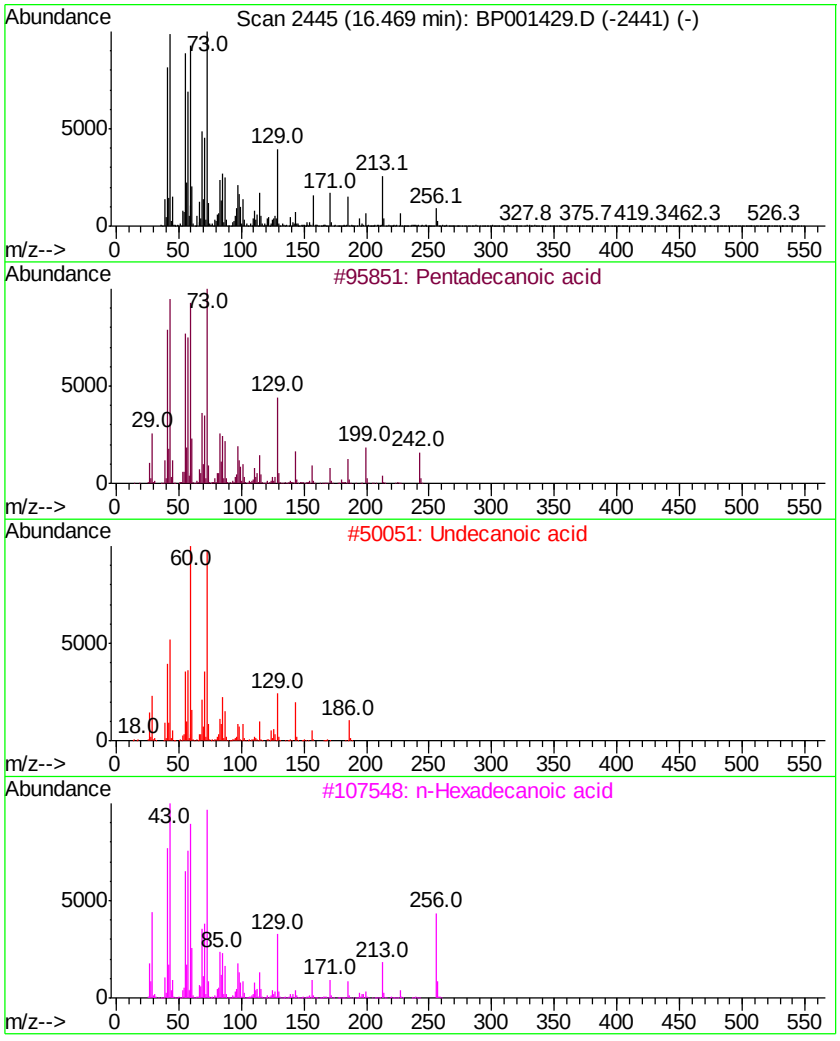
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

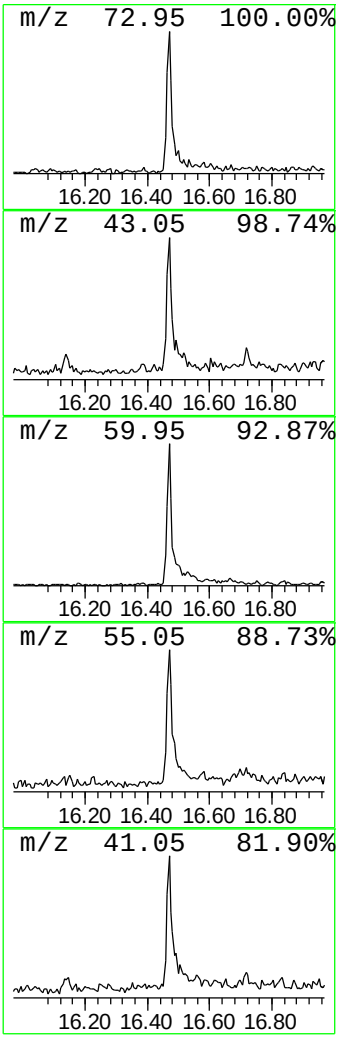
****

Peak Number 5 Pentadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.29 ng	59769	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	Undecanoic acid	186	C11H22O2	000112-37-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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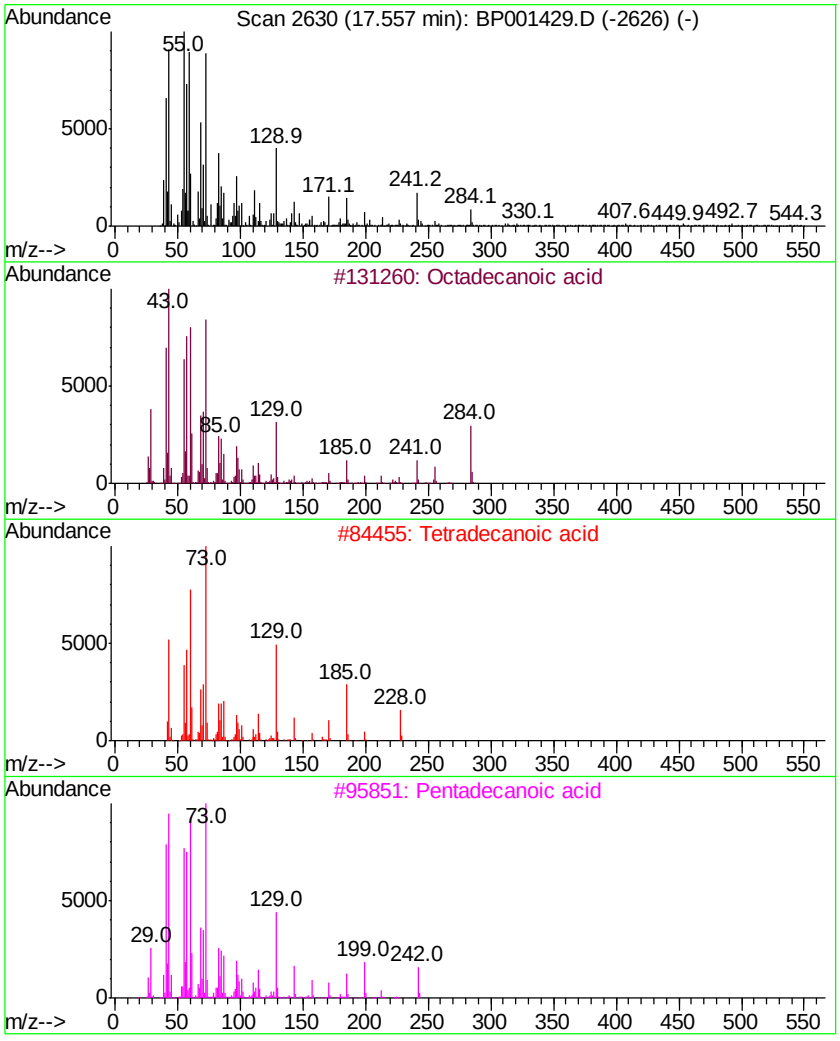
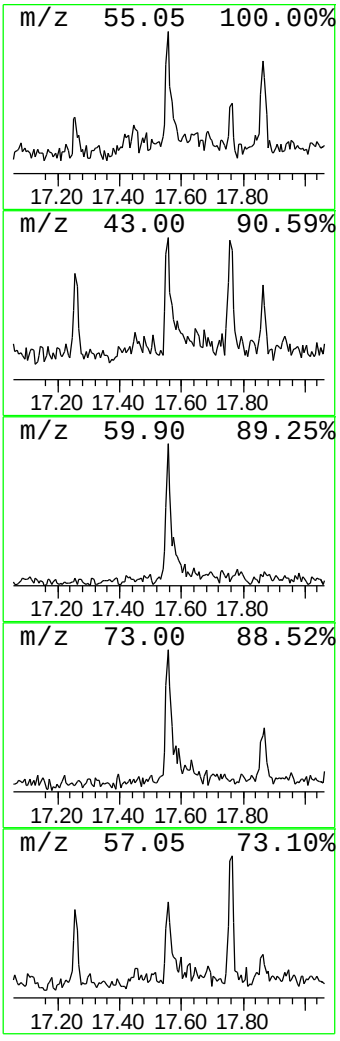
****

Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.08 ng	31975	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Instrument : BNA_P
ClientSampleId : MH-G

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

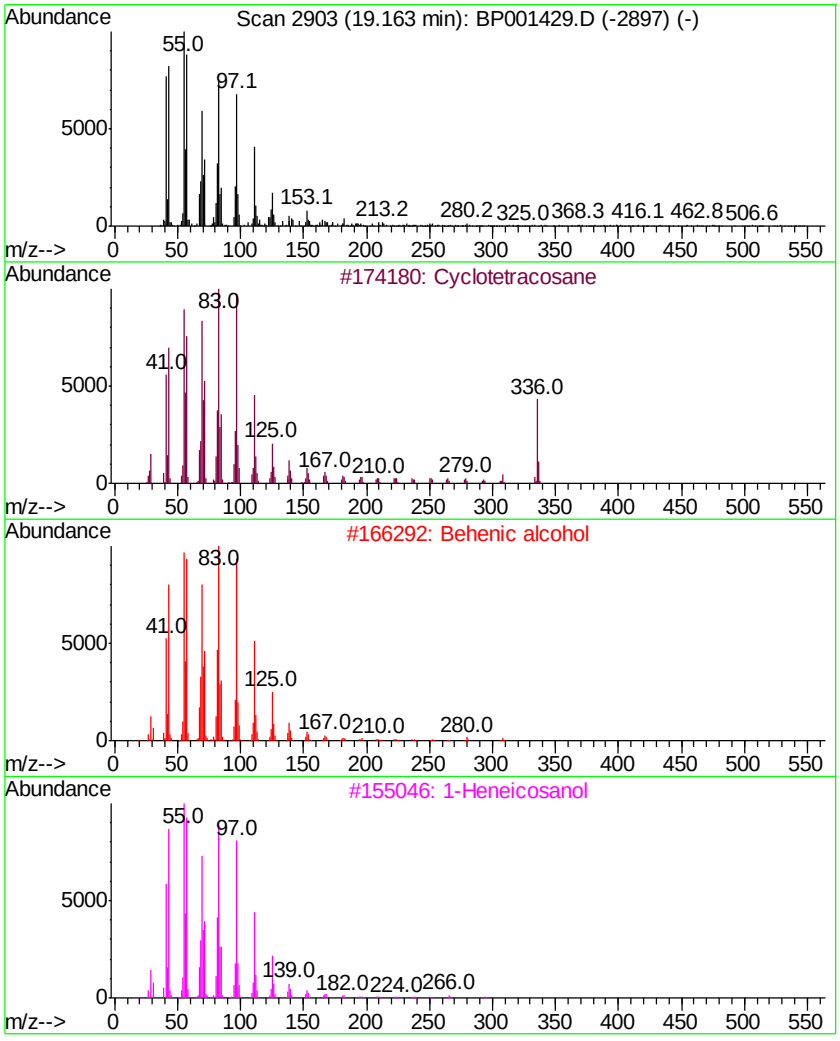
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

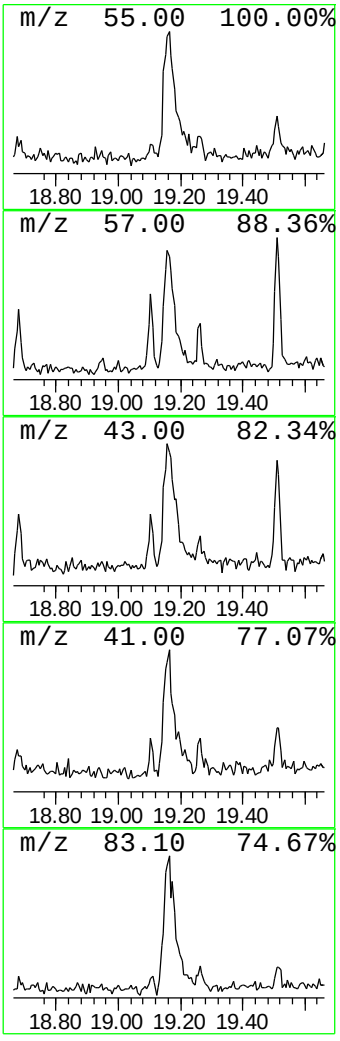
****

Peak Number 7 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.44 ng	68207	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	83





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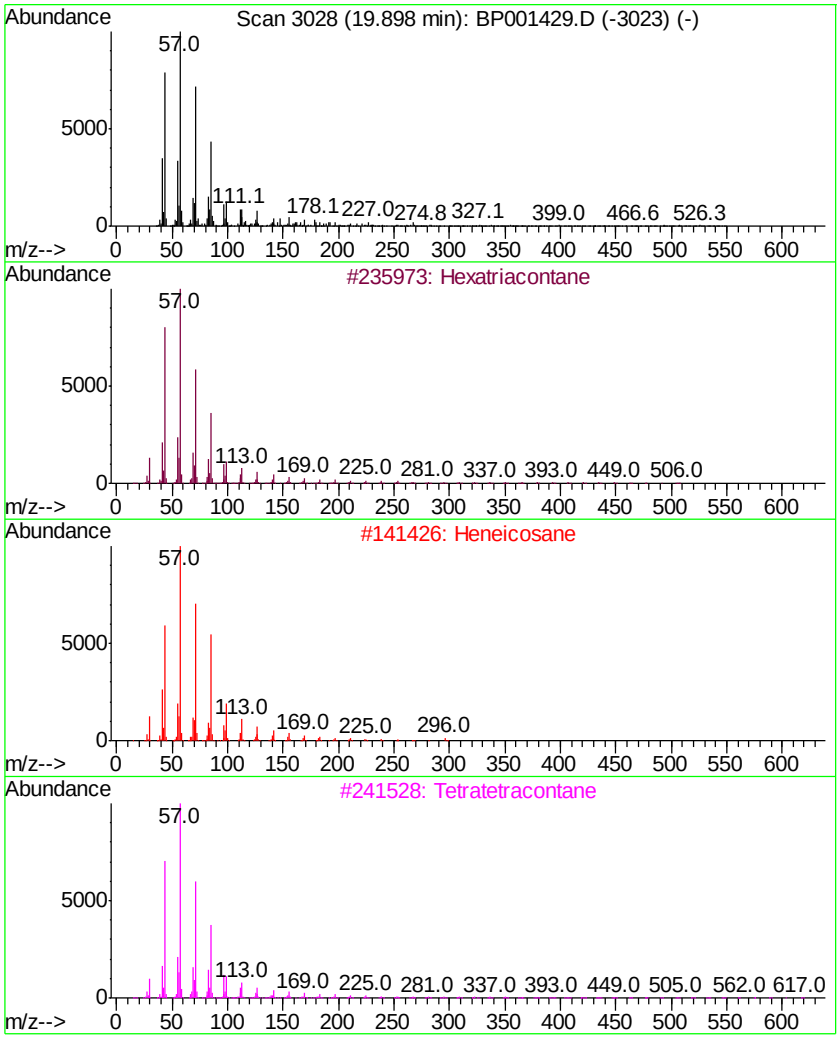
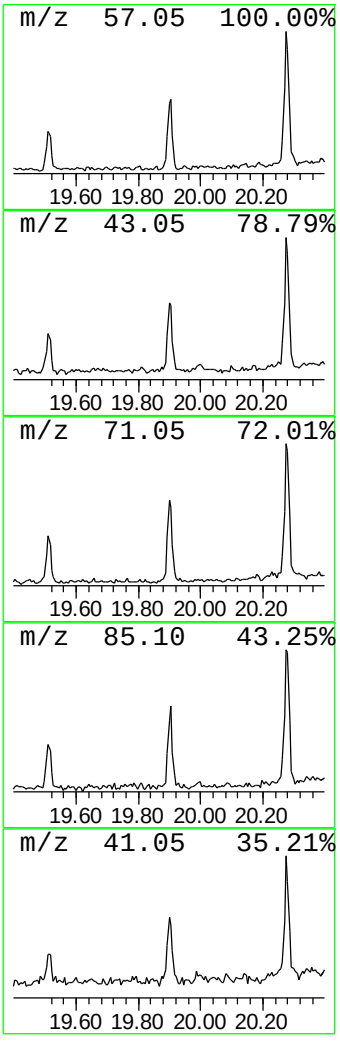
Peak Number 8 Hexatriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.57 ng	39560	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
5	Hexacosane	366	C26H54	000630-01-3	74





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TIC Library : C:\DATABASE\NIST11.L
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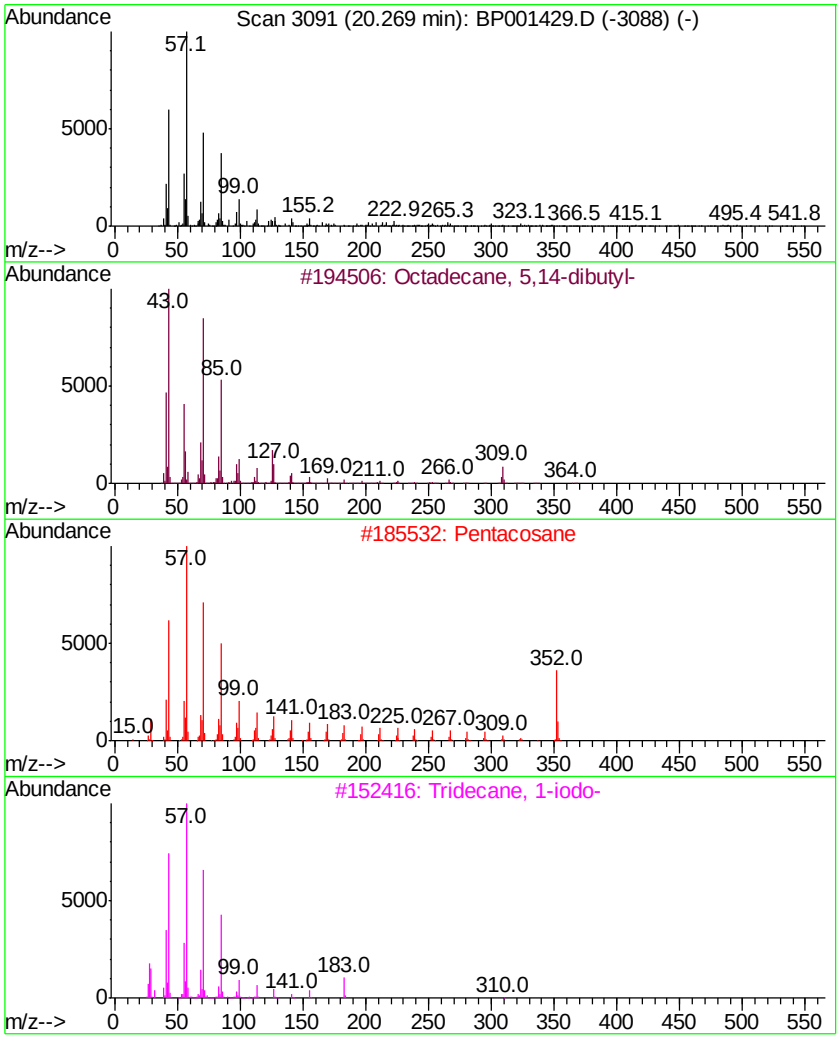
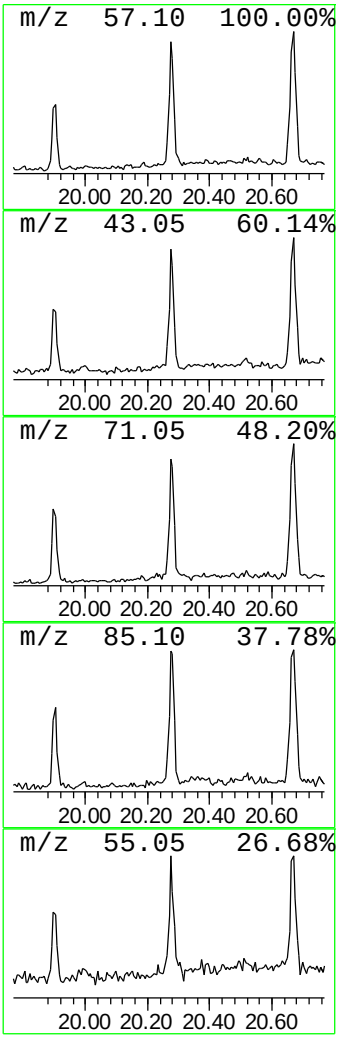
****

Peak Number 9 Octadecane, 5,14-dibutyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	3.74 ng	54274	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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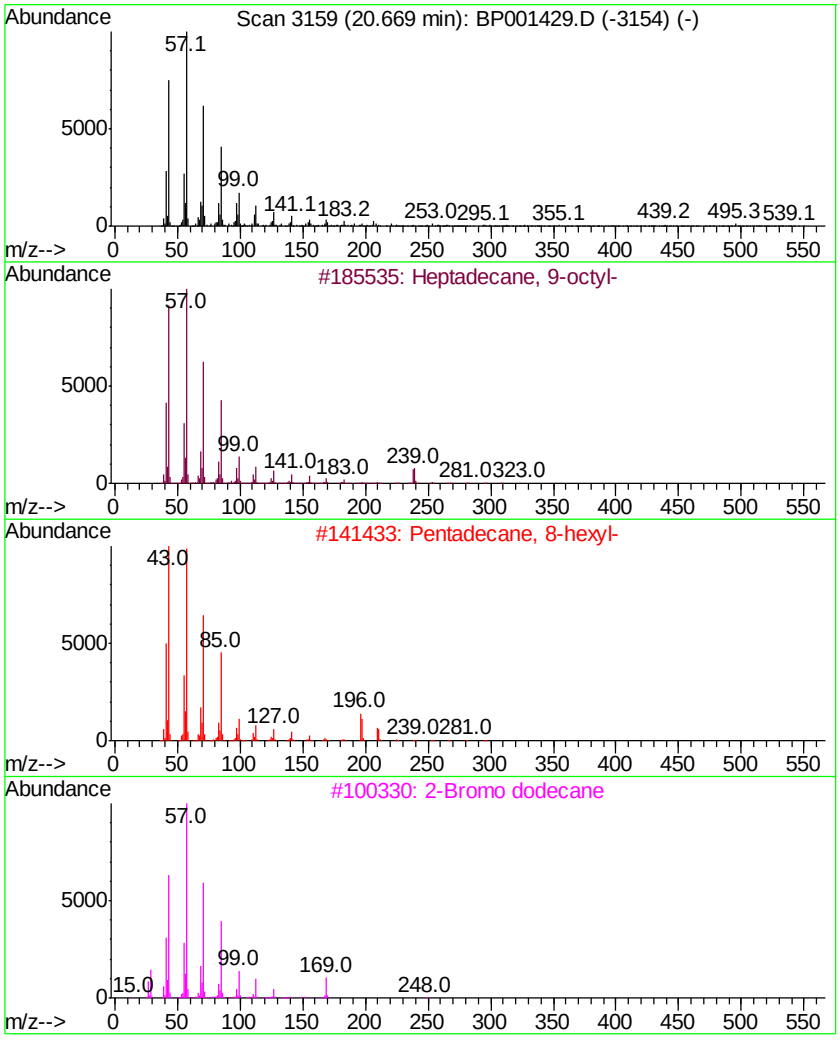
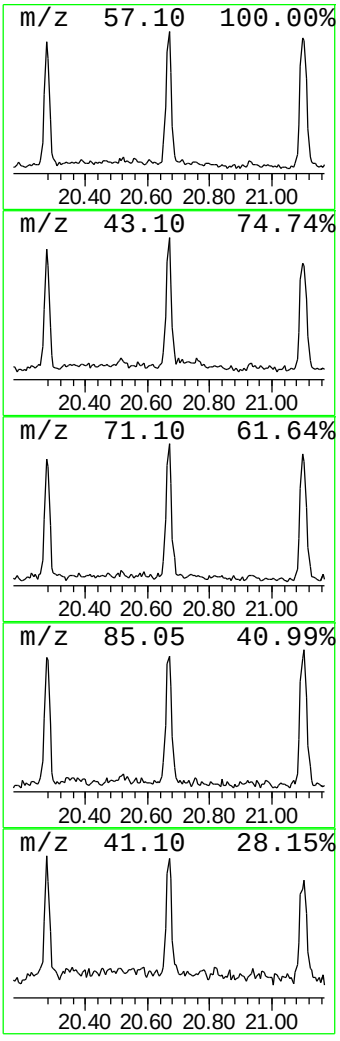
Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	5.77 ng	83745	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001429.D
Acq On : 26 Dec 2019 18:55
Operator : JU
Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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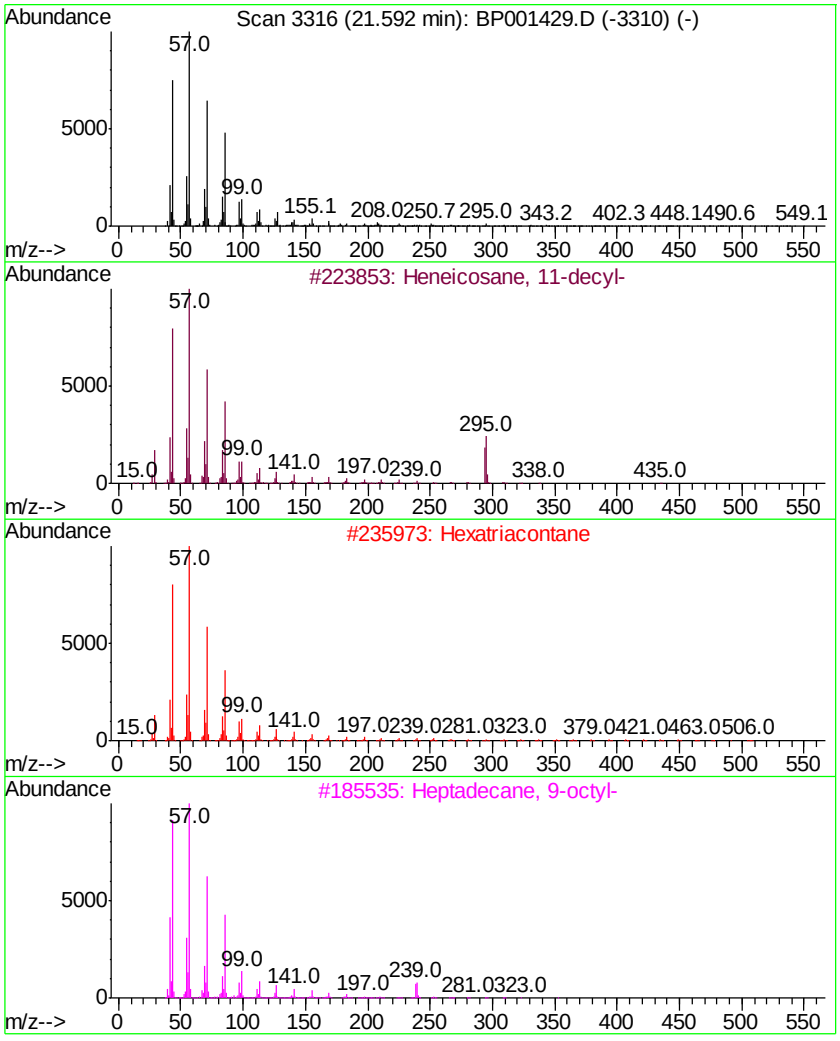
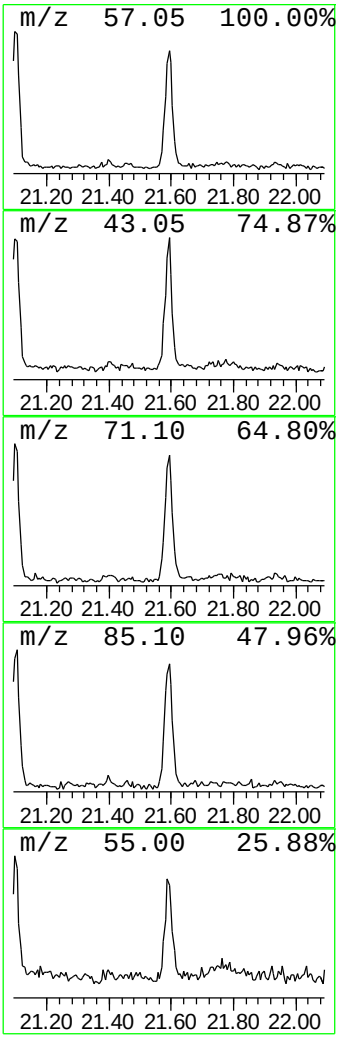
Peak Number 12 Heneicosane, 11-decyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.79 ng	84110	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2	Hexatriacontane	507	C36H74	000630-06-8	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001429.D
Acq On : 26 Dec 2019 18:55
Operator : JU
Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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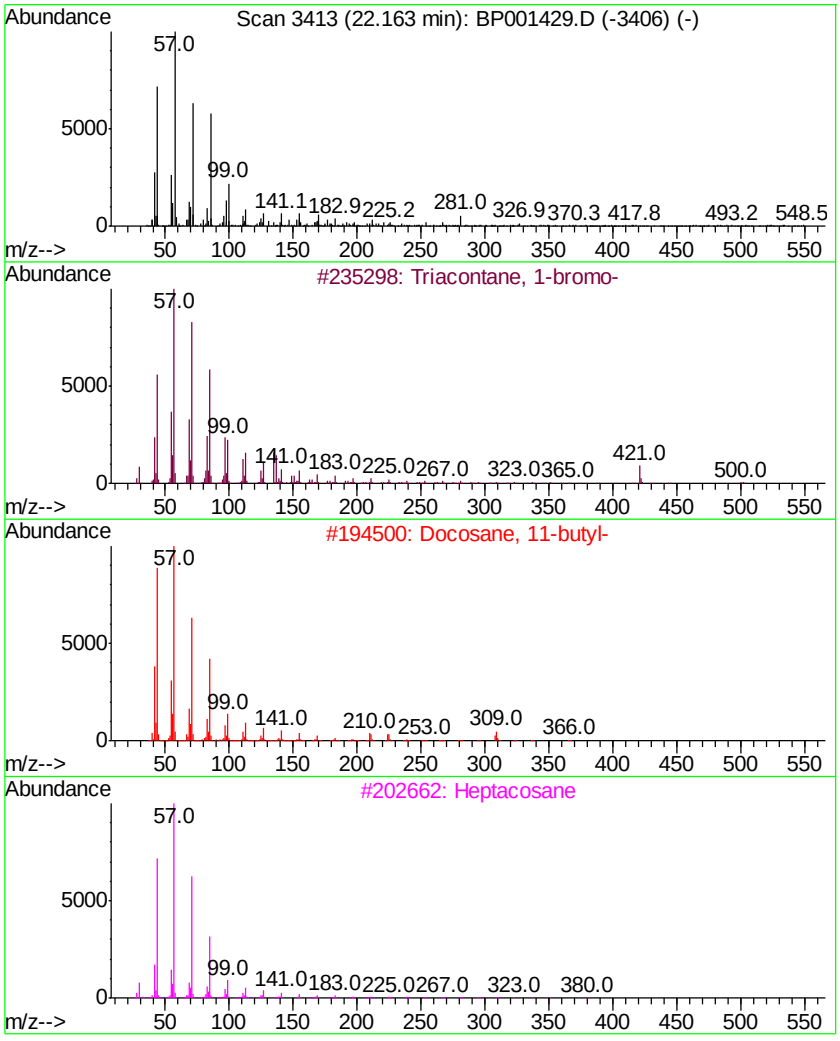
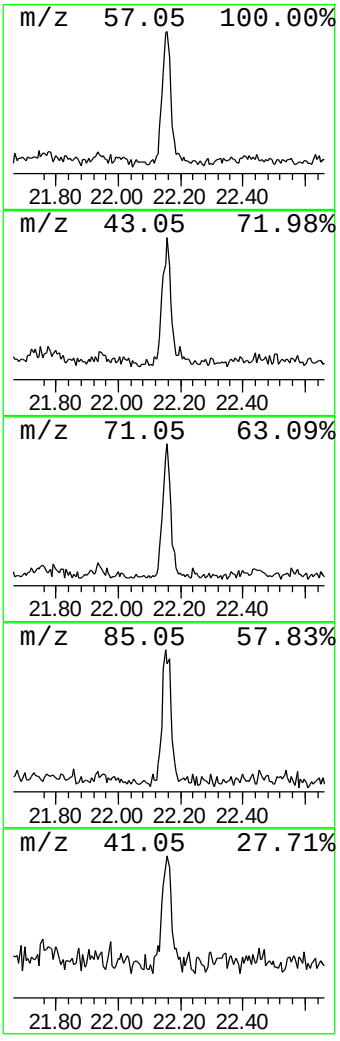
Peak Number 13 Triacontane, 1-bromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	3.95 ng	57423	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	78
3	Heptacosane	380	C27H56	000593-49-7	70
4	Heneicosane	296	C21H44	000629-94-7	62
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
Data File : BP001429.D
Acq On : 26 Dec 2019 18:55
Operator : JU
Sample : K6393-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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...	5.59	10.9	ng	125922	1	8.28	230101	20.0
unknown7.93	7.93	109.1	ng	1255280	1	8.28	230101	20.0
Boranamine, N,N,1...	10.03	5.1	ng	68858	2	10.32	272175	20.0
Pentadecanoic acid	16.47	3.3	ng	59769	4	15.58	362834	20.0
Octadecanoic acid	17.56	2.1	ng	31975	5	19.22	307534	20.0
Cyclotetracosane	19.16	4.4	ng	68207	5	19.22	307534	20.0
Hexatriacontane	19.90	2.6	ng	39560	5	19.22	307534	20.0
Octadecane, 5,14-...	20.27	3.7	ng	54274	6	20.99	290529	20.0
Heptadecane, 9-oc...	20.67	5.8	ng	83745	6	20.99	290529	20.0
Heneicosane, 11-d...	21.59	5.8	ng	84110	6	20.99	290529	20.0
Triacontane, 1-br...	22.16	4.0	ng	57423	6	20.99	290529	20.0