LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000895.D
Acq On : 18 Oct 2019 23:04
Operator : JU
Sample : K5420-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

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-BP100119.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	5.375	555	559	584	rBV	3166876	3286186	60.76%	8.409%
2	6.399	728	733	750	rBV	3166672	3523202	65.14%	9.016%
3	6.522	750	754	762	rVB	3900042	3587413	66.33%	9.180%
4	6.740	788	791	795	rBV	1006886	796472	14.73%	2.038%
5	6.899	814	818	821	rBV	3719954	2999377	55.46%	7.675%
6	7.305	882	887	890	rBV	2513189	2138430	39.54%	5.472%
7	8.022	1006	1009	1013	rBV	1270872	995101	18.40%	2.546%
8	9.104	1189	1193	1196	rBV	5451427	4644443	85.87%	11.885%
9	9.499	1257	1260	1264	rBV	988488	839229	15.52%	2.148%
10	9.787	1305	1309	1312	rBV	1583652	1236336	22.86%	3.164%
11	10.587	1440	1445	1448	rBV	3193461	3027000	55.97%	7.746%
12	11.287	1560	1564	1567	rBV	1599278	1331414	24.62%	3.407%
13	11.357	1570	1576	1581	rVB2	119902	118256	2.19%	0.303%
14	11.528	1601	1605	1614	rBV	42983	72831	1.35%	0.186%
15	11.857	1658	1661	1664	rVB	409625	309607	5.72%	0.792%
16	12.016	1683	1688	1696	rVB	90499	83435	1.54%	0.214%
17	12.081	1696	1699	1704	rBV	97641	79285	1.47%	0.203%
18	12.892	1833	1837	1840	rBV	5587580	5408620	100.00%	13.841%
19	13.810	1989	1993	2009	rBV2	235938	392736	7.26%	1.005%
20	13.957	2013	2018	2022	rBV	1451136	1424827	26.34%	3.646%
21	14.134	2045	2048	2058	rBV	71772	78284	1.45%	0.200%
22	14.445	2098	2101	2104	rBV	95252	77015	1.42%	0.197%
23	14.751	2146	2153	2158	rBV2	150417	186260	3.44%	0.477%
24	14.828	2162	2166	2170	rVV	204206	202924	3.75%	0.519%
25	15.092	2207	2211	2216	rBV	193232	216965	4.01%	0.555%
26	15.434	2264	2269	2273	rBV	1198984	1526055	28.22%	3.905%
27	15.469	2273	2275	2284	rVB2	153090	182540	3.37%	0.467%
28	15.904	2345	2349	2357	rBV	117250	180664	3.34%	0.462%
29	16.410	2429	2435	2441	rVB3	64035	132597	2.45%	0.339%

Sum of corrected areas: 39077504

LSC Report - Integrated Chromatogram

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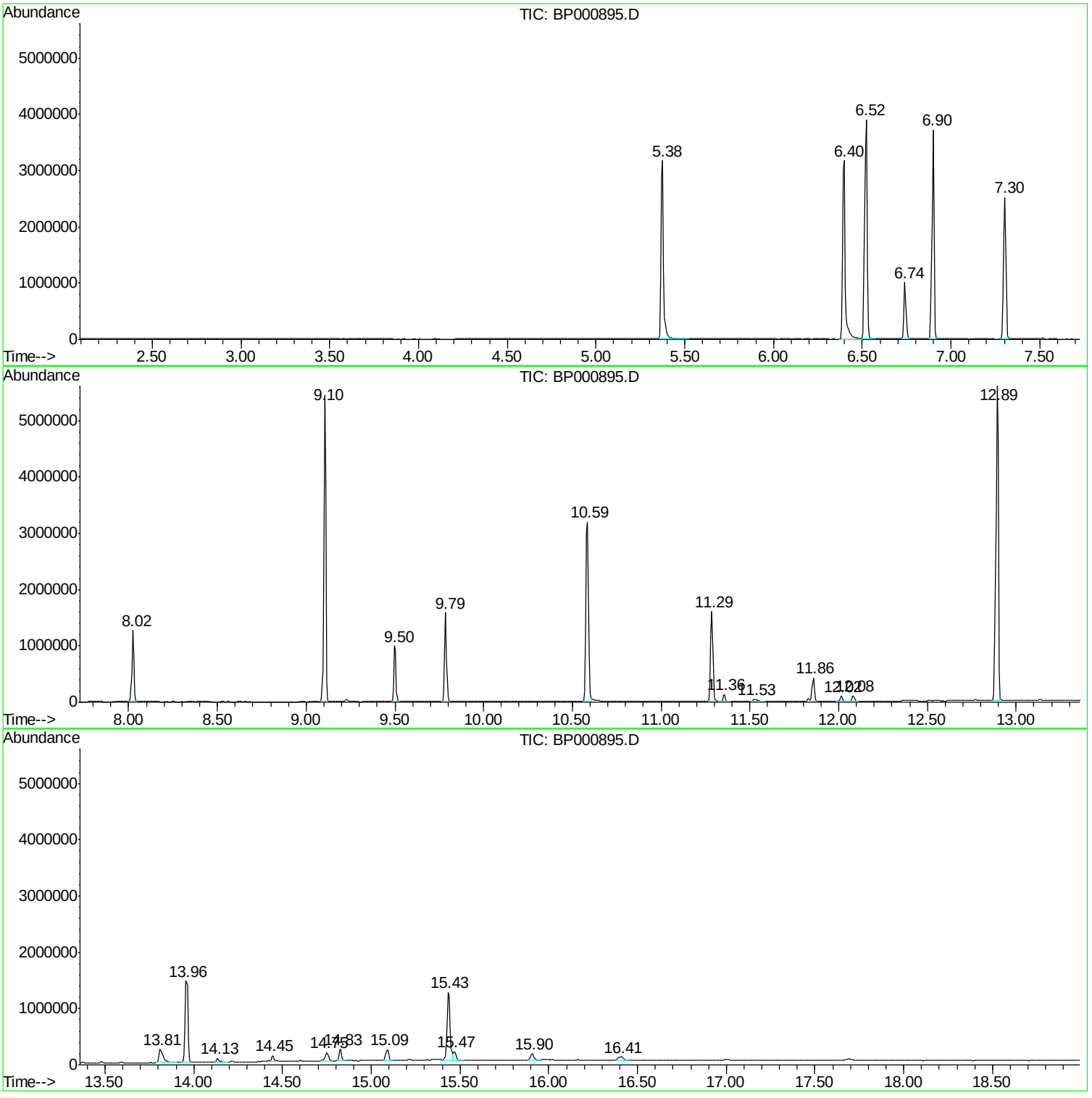
Operator : JU
Sample : K5420-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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\BP101819\
Data File : BP000895.D
Acq On : 18 Oct 2019 23:04
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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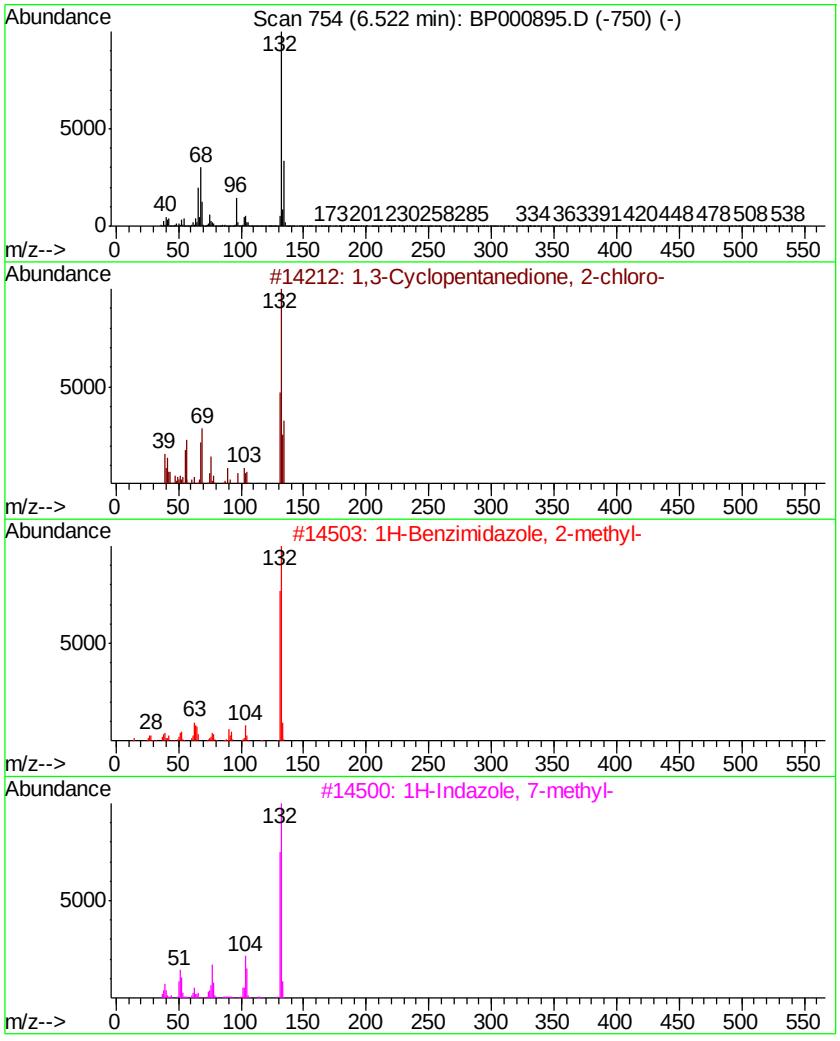
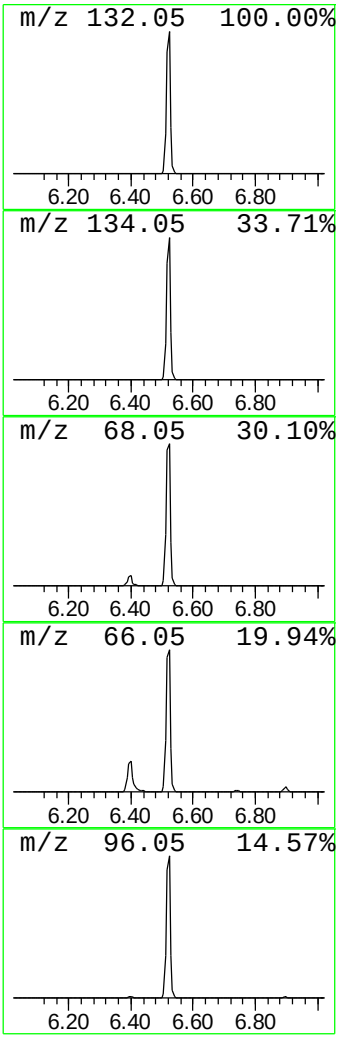
Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	90.08 ng	3587410	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : K5420-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

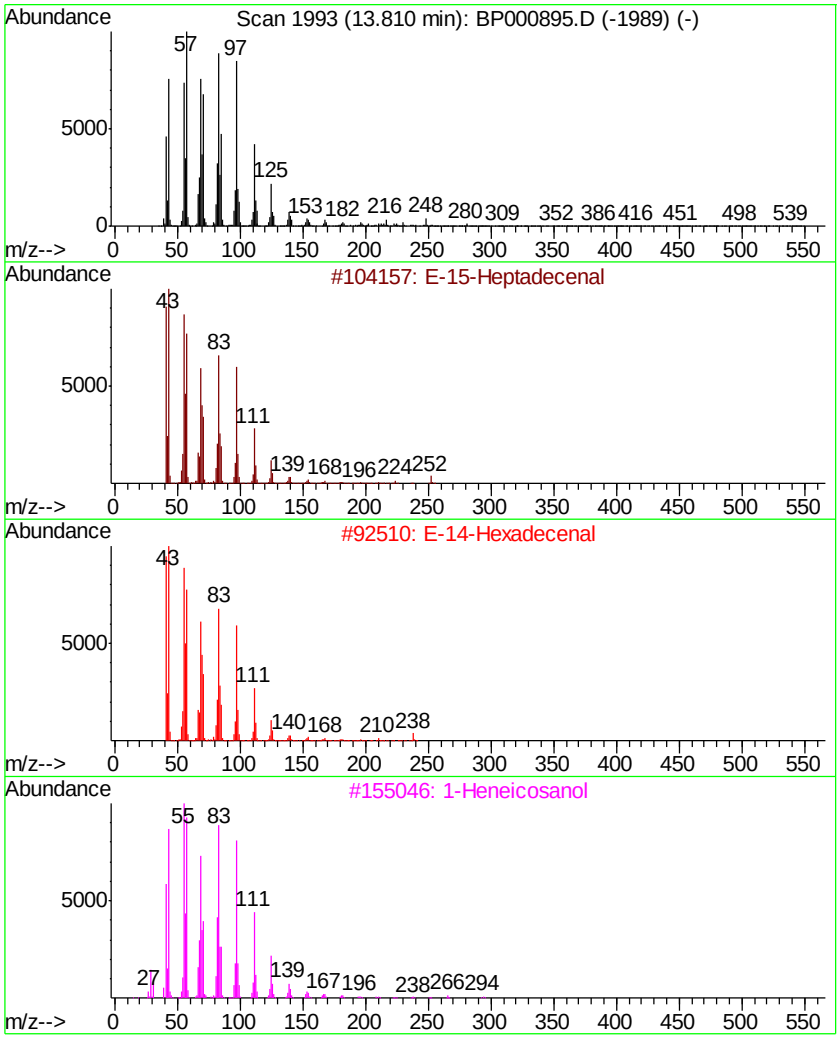
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

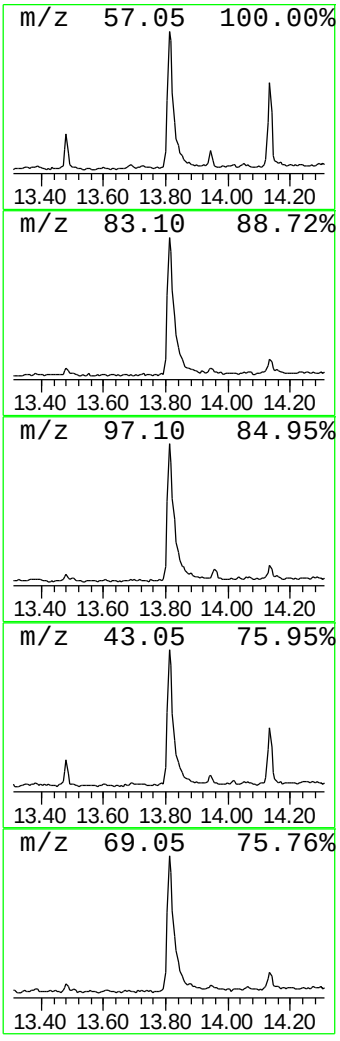
****

Peak Number 3 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.51 ng	392736	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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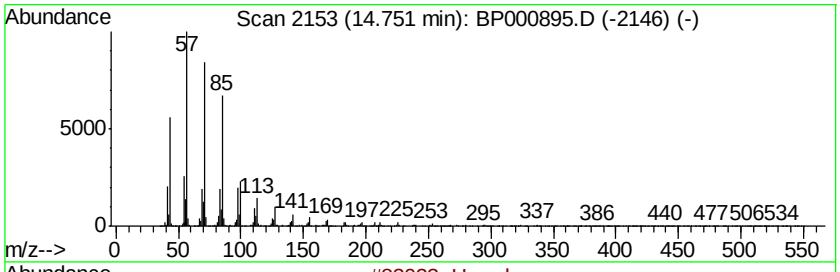
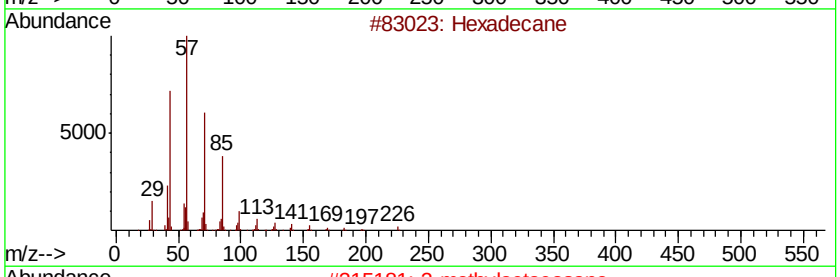
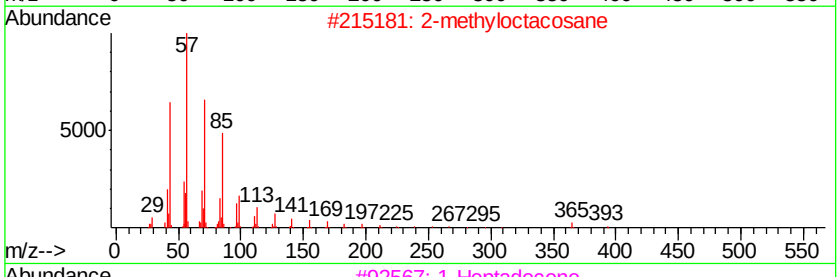
Peak Number 4 Hexadecane Concentration Rank 6

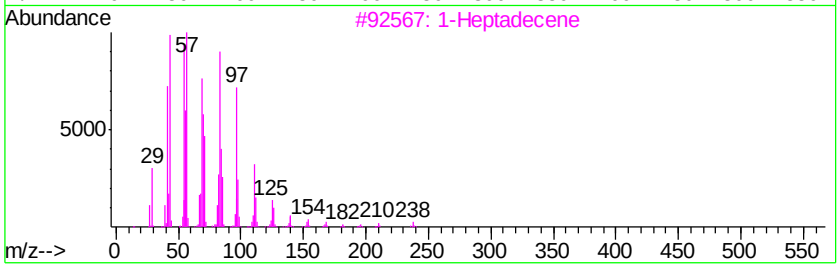
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.44 ng	186260	Perylene-d12	15.43

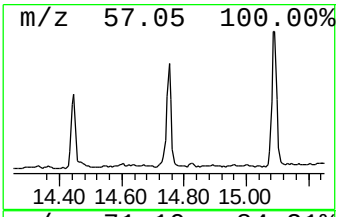
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	1-Heptadecene	238	C17H34	006765-39-5	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Tetracosane	338	C24H50	000646-31-1	87

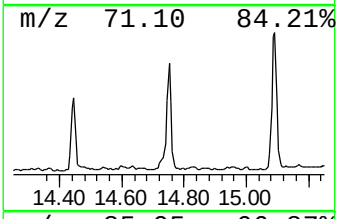


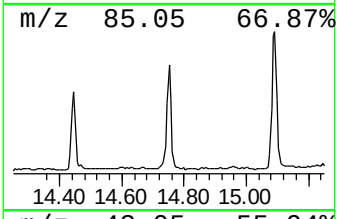


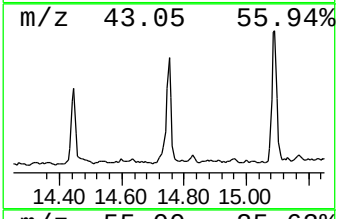


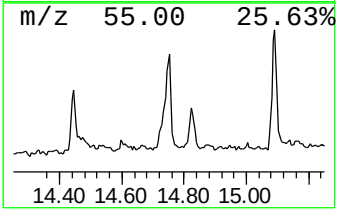












Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

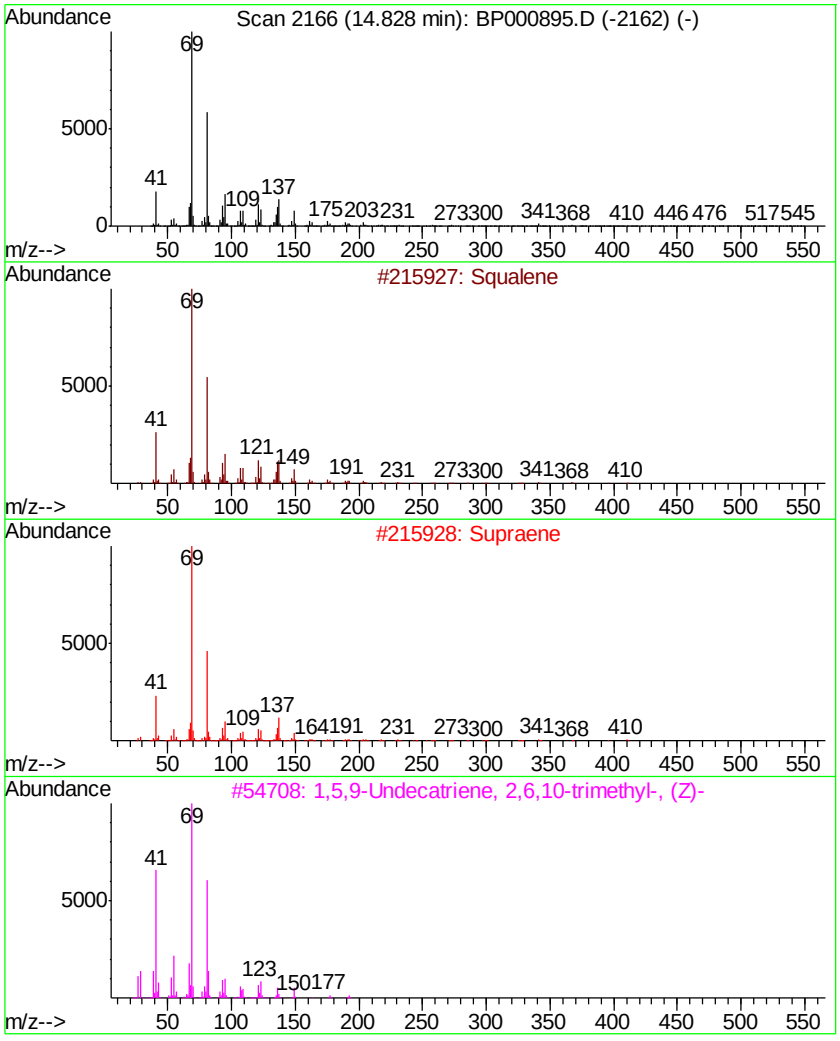
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

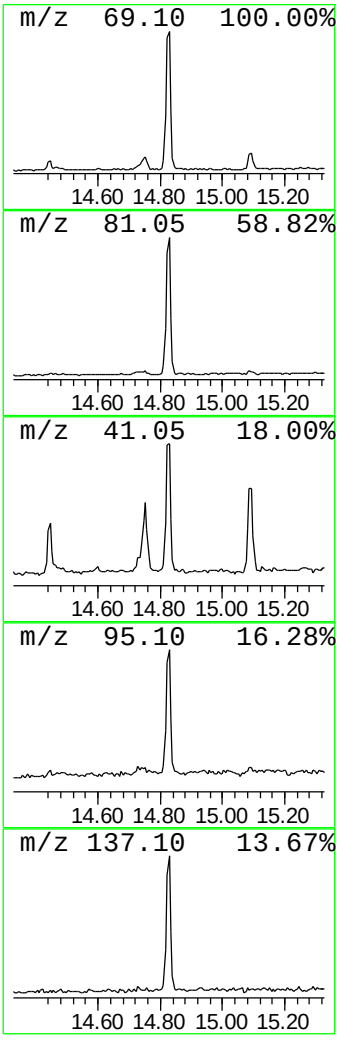
****

Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.66 ng	202924	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	96
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	4-Piperidineacetic acid, 1-acetv...	400	C23H32N2O4	055724-47-5	49
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	47





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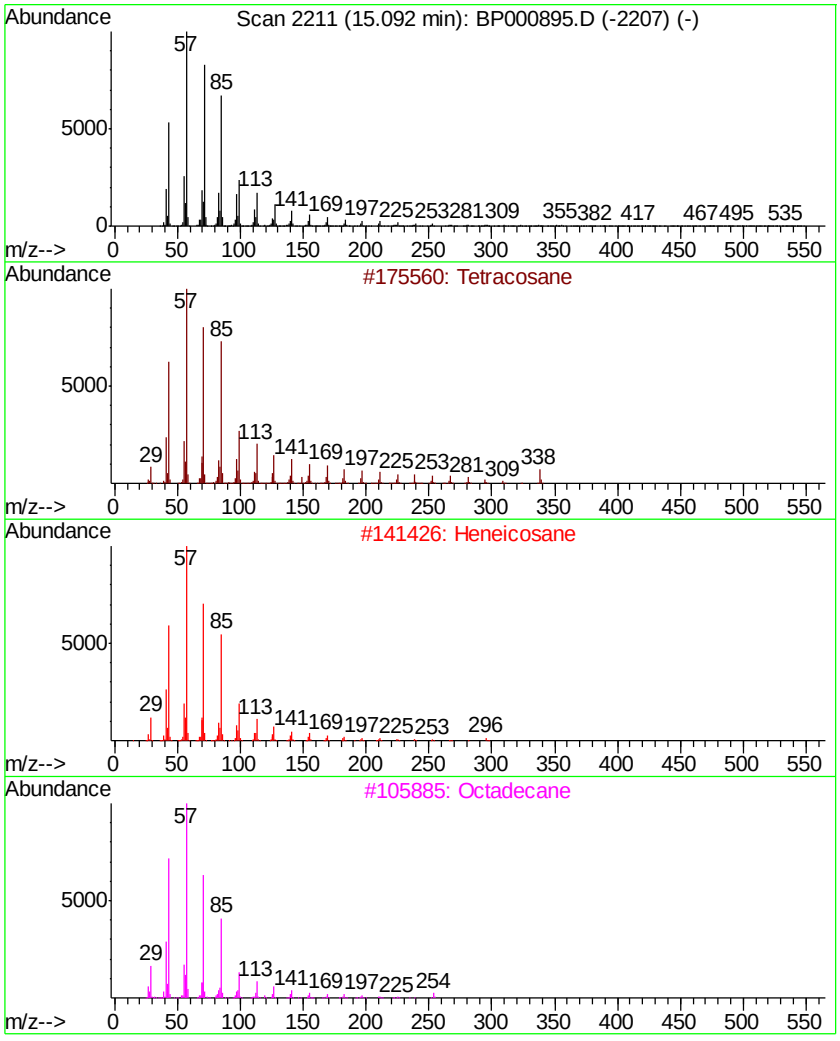
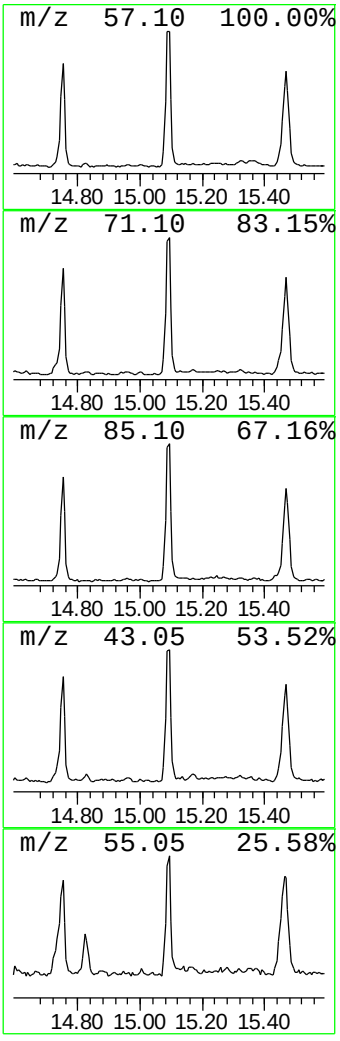
****

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.84 ng	216965	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	94
4	Docosane	310	C22H46	000629-97-0	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

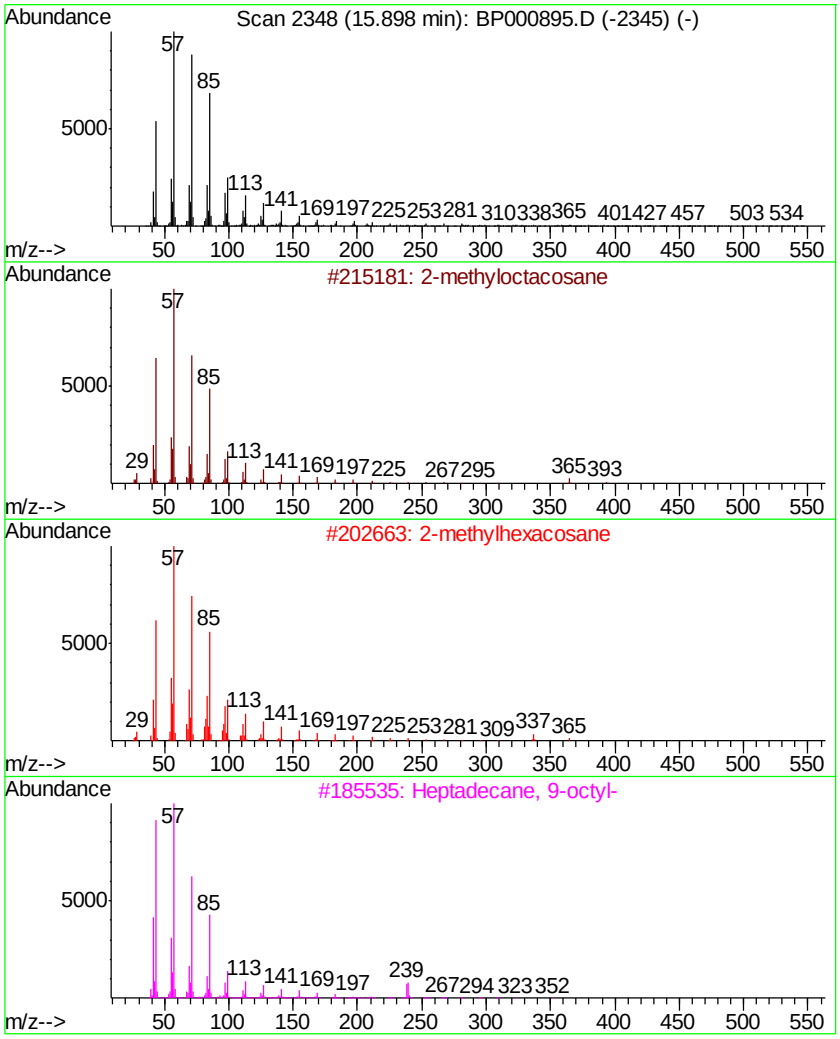
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

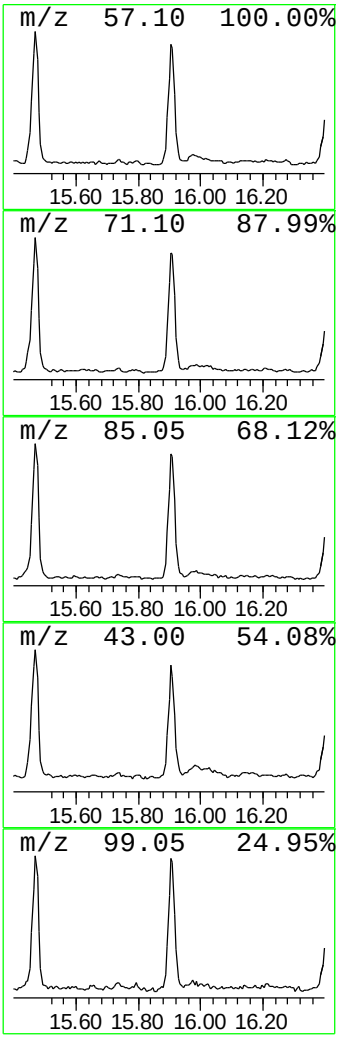
****

Peak Number 7 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.37 ng	180664	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	2-methylhexacosane	380	C27H56	1000376-72-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.52	6.52	90.1	ng	3587410	1	6.74	796472	20.0
E-15-Heptadecenal	13.81	5.5	ng	392736	5	13.96	1424830	20.0
Hexadecane	14.75	2.4	ng	186260	6	15.43	1526060	20.0
Squalene	14.83	2.7	ng	202924	6	15.43	1526060	20.0
Tetracosane	15.09	2.8	ng	216965	6	15.43	1526060	20.0
2-methyloctacosane	15.90	2.4	ng	180664	6	15.43	1526060	20.0