LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

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-BP073020.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	2.952	7	11	29	rVB	1339063	1662916	17.86%	2.119%
2	5.293	402	409	426	rBV	3170496	4588122	49.28%	5.847%
3	6.399	590	597	603	rVB	220720	327368	3.52%	0.417%
4	6.863	668	676	690	rBV	2869729	4668257	50.14%	5.949%
5	7.175	721	729	738	rVB2	67499	109888	1.18%	0.140%
6	7.681	808	815	825	rBV	1222865	1922635	20.65%	2.450%
7	8.828	1002	1010	1021	rBV	1982841	3239800	34.79%	4.129%
8	10.463	1280	1288	1302	rBV	1450588	2464118	26.46%	3.140%
9	12.122	1564	1570	1583	rBV2	80474	291346	3.13%	0.371%
10	12.939	1703	1709	1716	rBV	5233766	7991393	85.83%	10.184%
11	13.604	1819	1822	1827	rBV4	132940	206873	2.22%	0.264%
12	13.781	1848	1852	1856	rVB	499975	650314	6.98%	0.829%
13	13.875	1865	1868	1878	rVB	302318	451373	4.85%	0.575%
14	14.322	1939	1944	1950	rBV2	2428802	3683018	39.55%	4.694%
15	15.816	2194	2198	2204	rBV	2825878	4018164	43.15%	5.121%
16	16.733	2351	2354	2361	rVB2	1620878	2319370	24.91%	2.956%
17	19.451	2813	2816	2822	rVB	1937170	2507898	26.93%	3.196%
18	19.657	2847	2851	2862	rVB	6571407	9311246	100.00%	11.866%
19	20.898	3059	3062	3067	rBV3	1904682	2370568	25.46%	3.021%
20	21.163	3102	3107	3111	rBV2	3358277	5563605	59.75%	7.090%
21	21.204	3111	3114	3121	rVB	1365145	1766667	18.97%	2.251%
22	21.780	3208	3212	3218	rVB4	621253	1016326	10.92%	1.295%
23	22.739	3369	3375	3381	rBV	1244149	3598932	38.65%	4.587%
24	22.798	3382	3385	3397	rVB2	1357196	2286897	24.56%	2.914%
25	23.215	3452	3456	3465	rVB	805270	1431644	15.38%	1.824%
26	23.310	3467	3472	3480	rBV	942009	1857793	19.95%	2.368%
27	23.410	3483	3489	3495	rBV2	2151122	4226712	45.39%	5.387%
28	24.086	3599	3604	3612	rVB2	536053	1092221	11.73%	1.392%
29	25.692	3870	3877	3889	rVB2	962697	2842433	30.53%	3.622%

Sum of corrected areas: 78467897

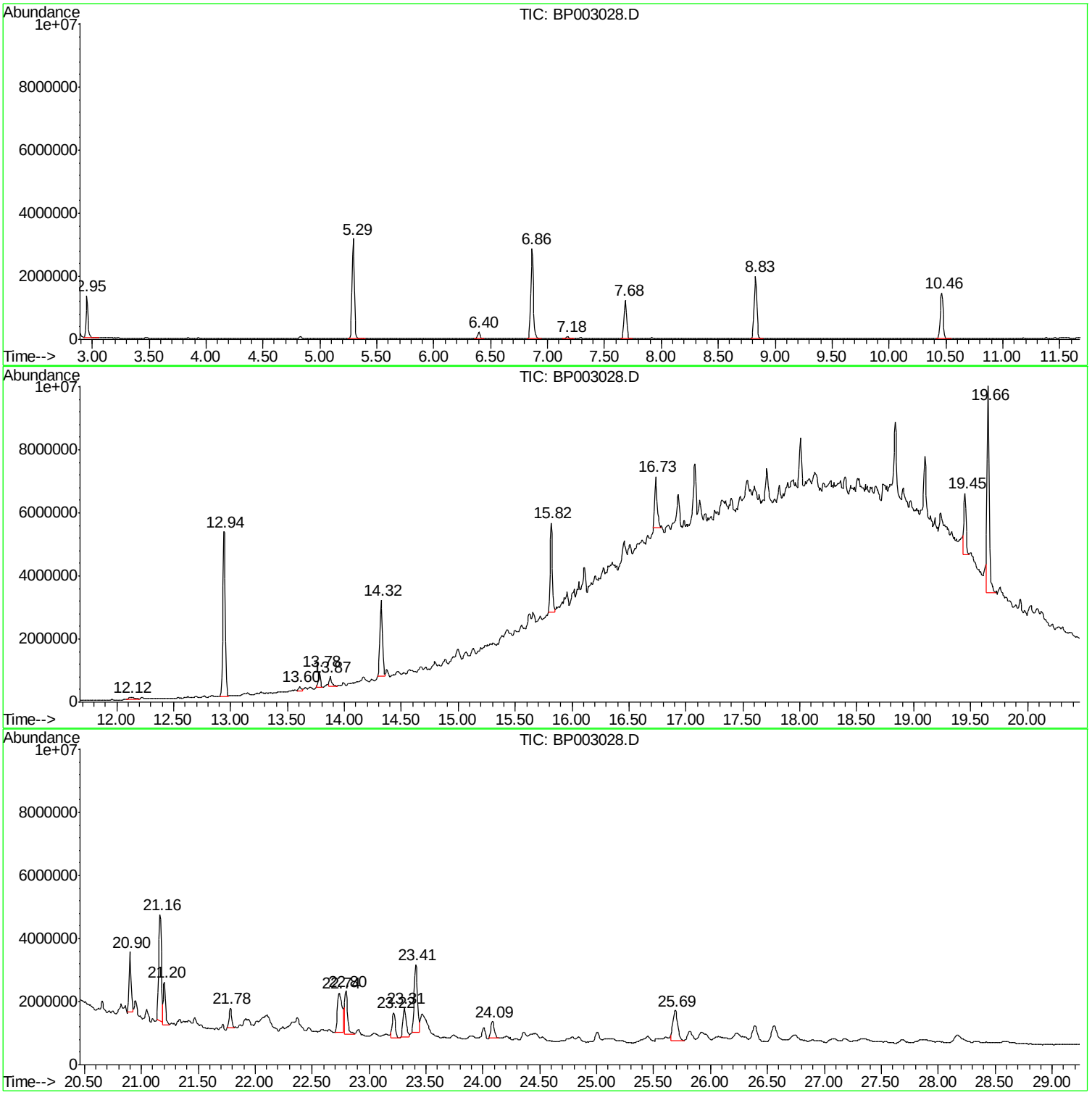
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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Data File : BP003028.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_P
ClientSampleId : VB-27207

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

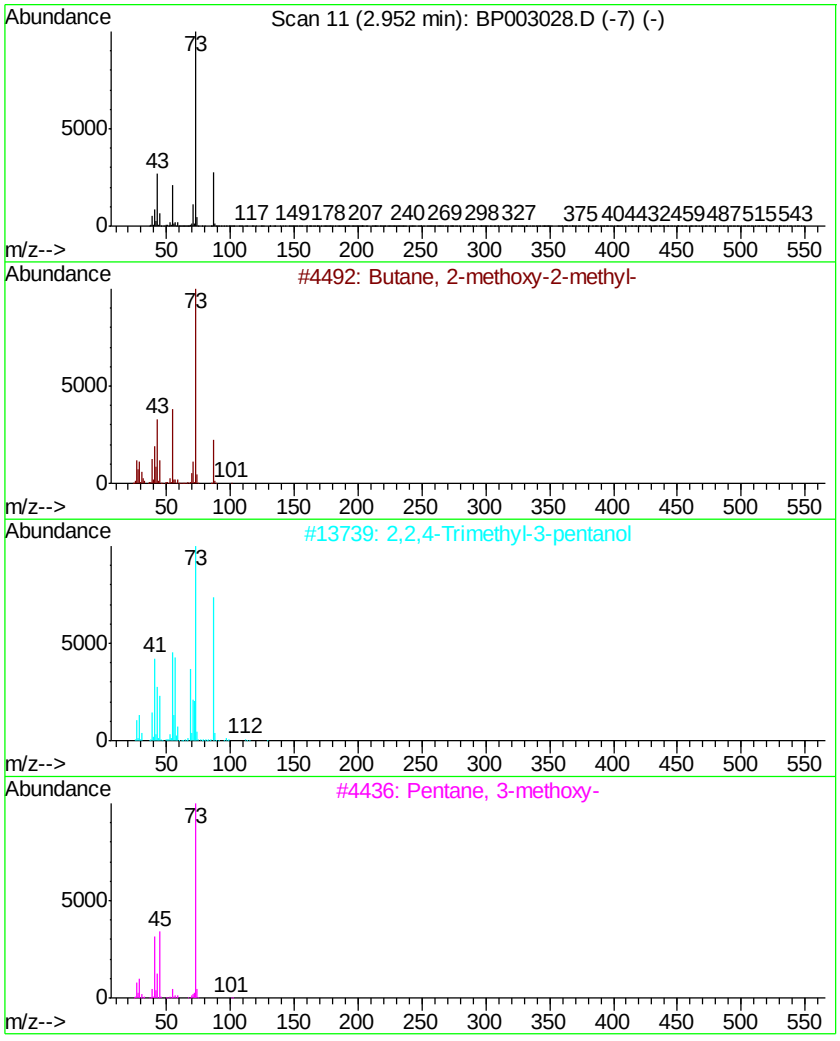
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

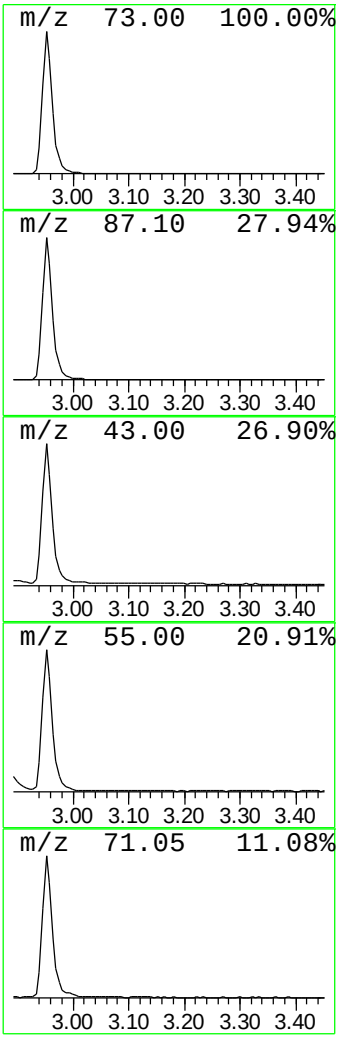
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	17.30 ng	1662920	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

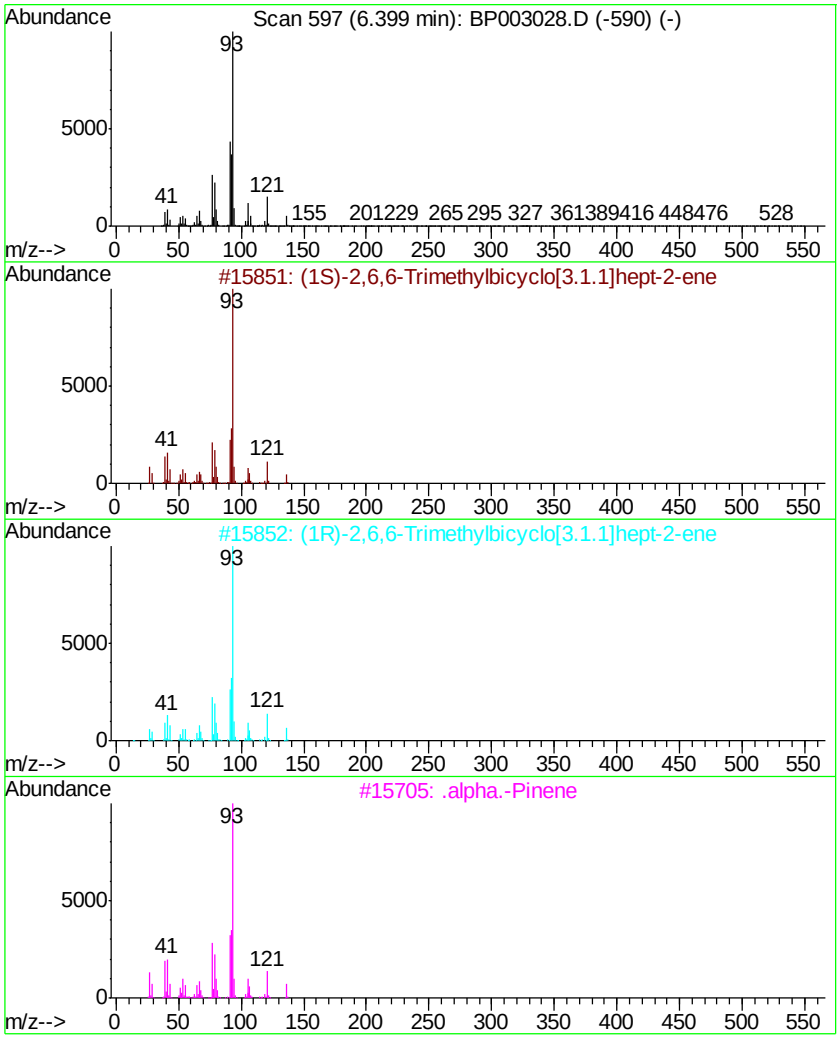
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

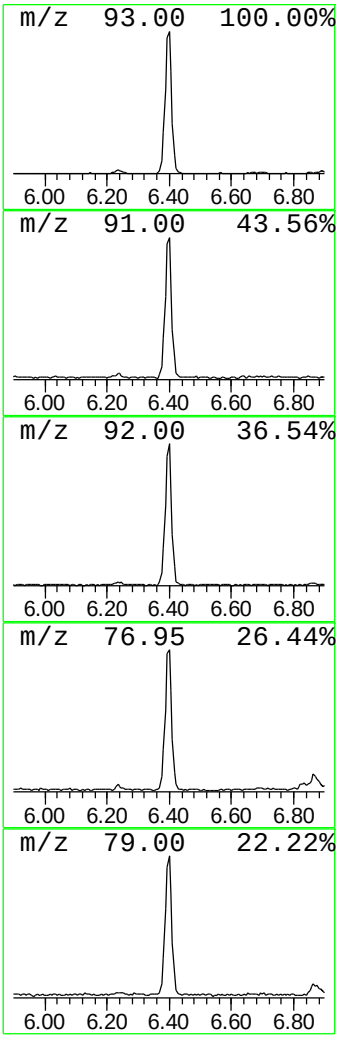
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	3.41 ng	327368	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

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Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
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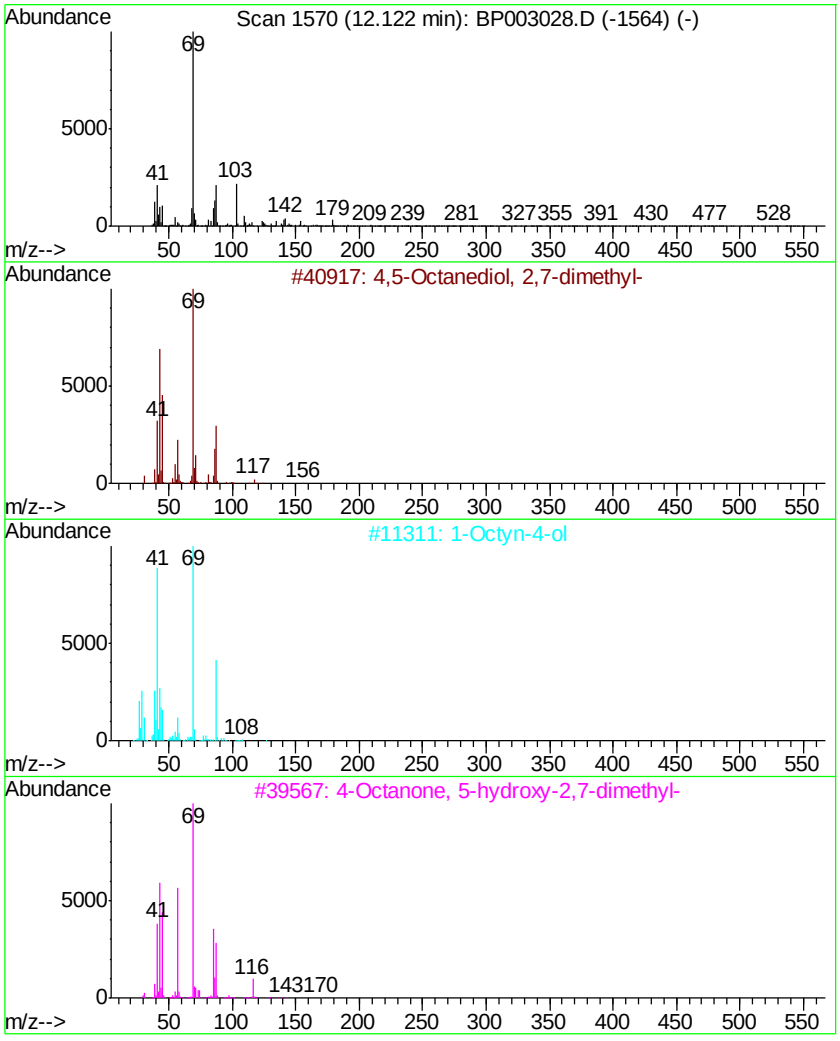
TIC Integration Parameters: LSCINT.P

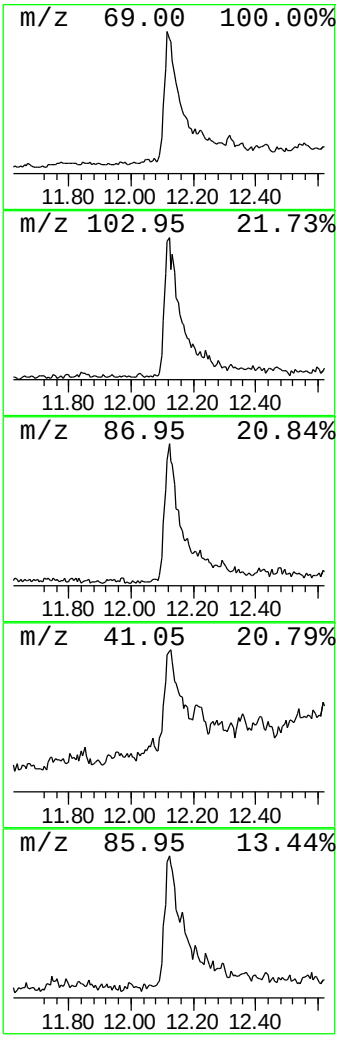
****

Peak Number 3 unknown12.12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.36 ng	291346	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Octanediol, 2,7-dimethyl-	174	C10H22O2	1000153-20-8	42
2	1-Octyn-4-ol	126	C8H14O	052517-92-7	40
3	4-Octanone, 5-hydroxy-2,7-dimethyl-	172	C10H20O2	006838-51-3	40
4	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	38
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	37





Library Search Compound Report

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Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

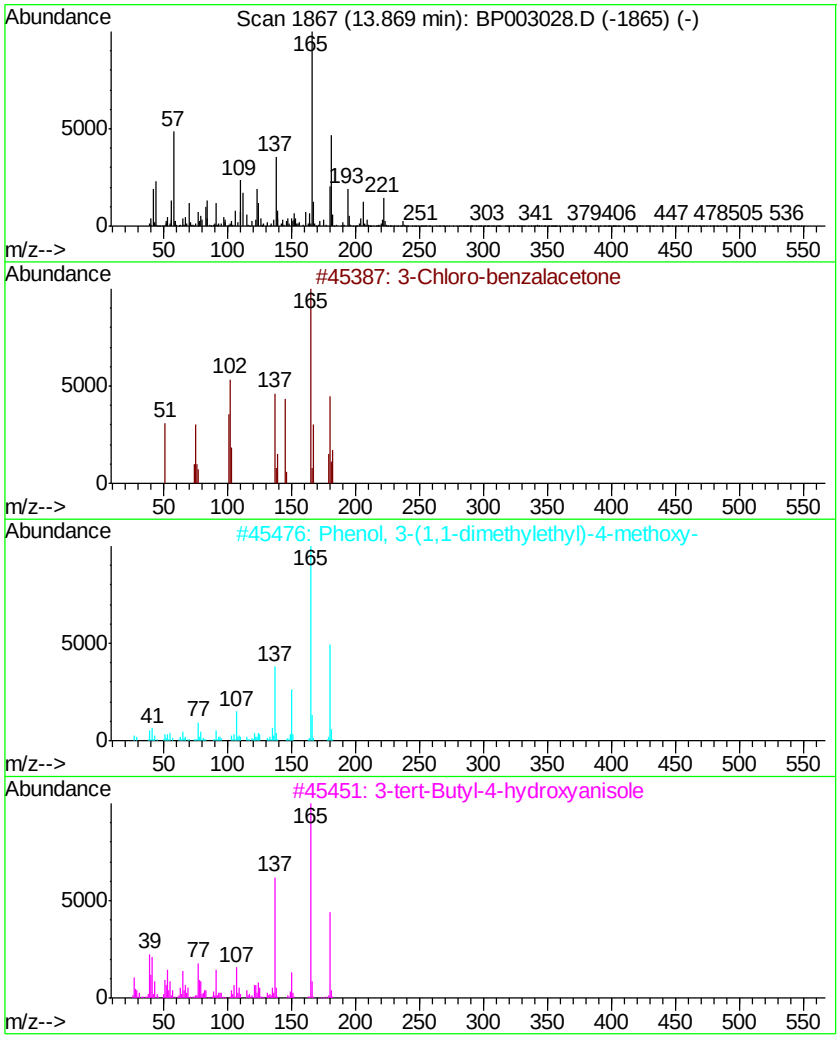
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

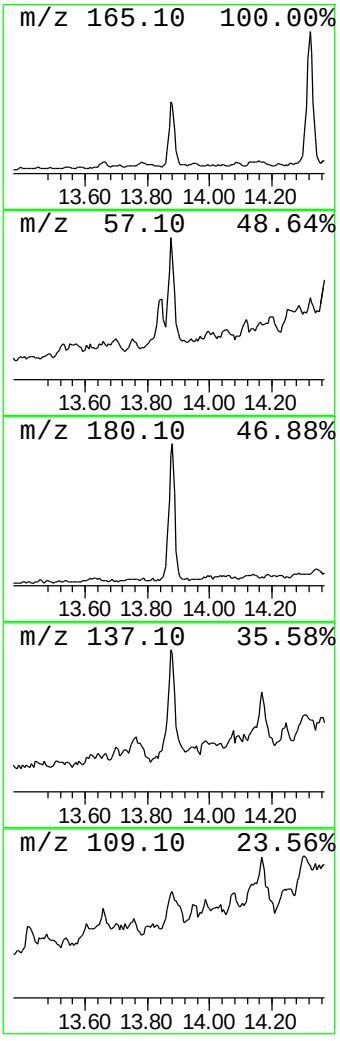
****

Peak Number 4 3-Chloro-benzalacetone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.45 ng	451373	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-benzalacetone	180	C10H9ClO	1000146-90-5	64
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	64
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	52
4	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	50
5	Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	49





Library Search Compound Report

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Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

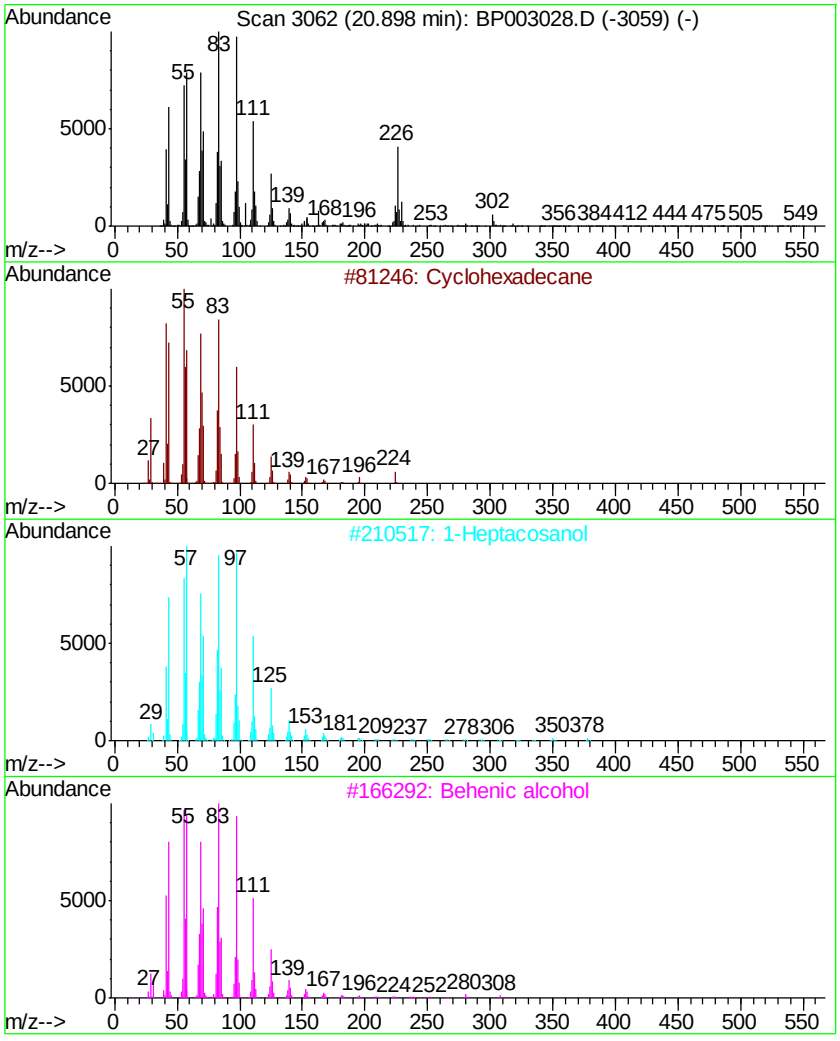
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

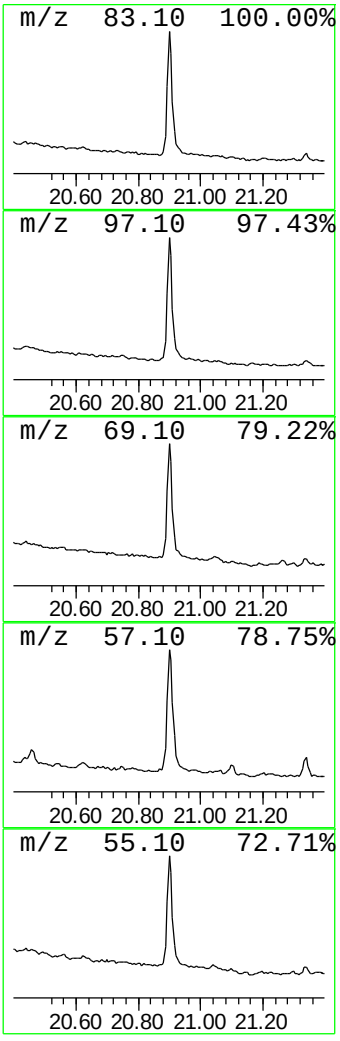
****

Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.52 ng	2370570	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Octadecene	252	C18H36	000112-88-9	91





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

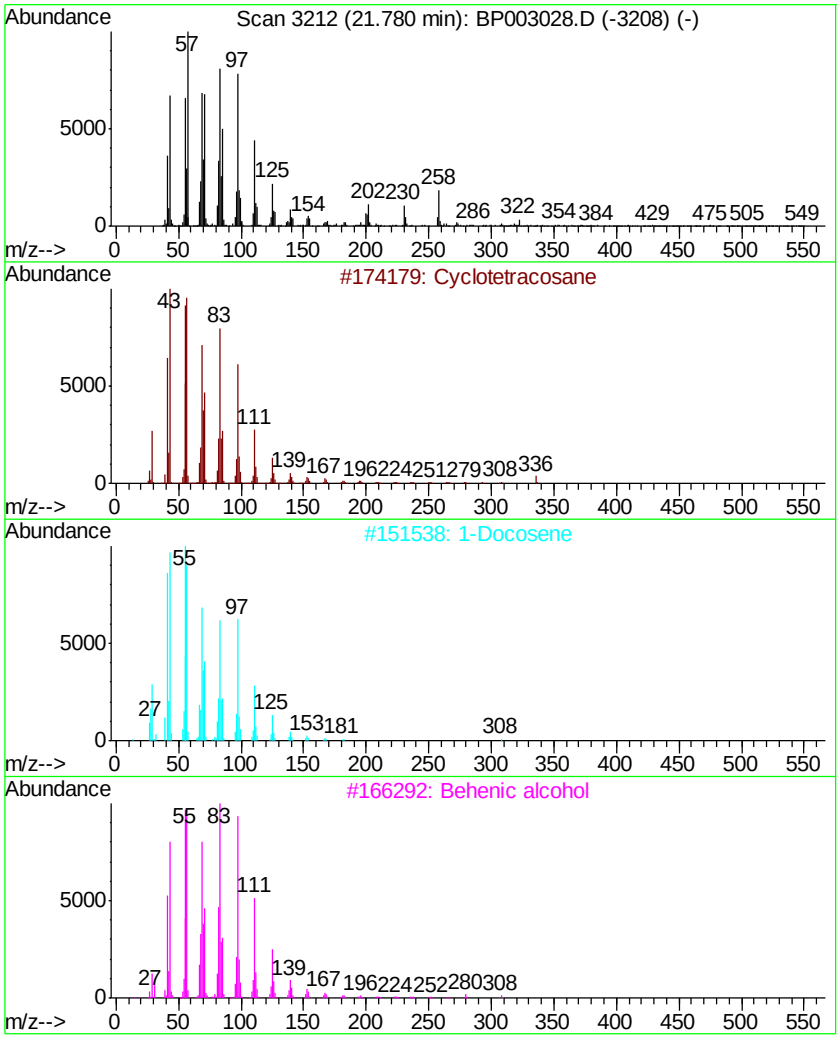
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

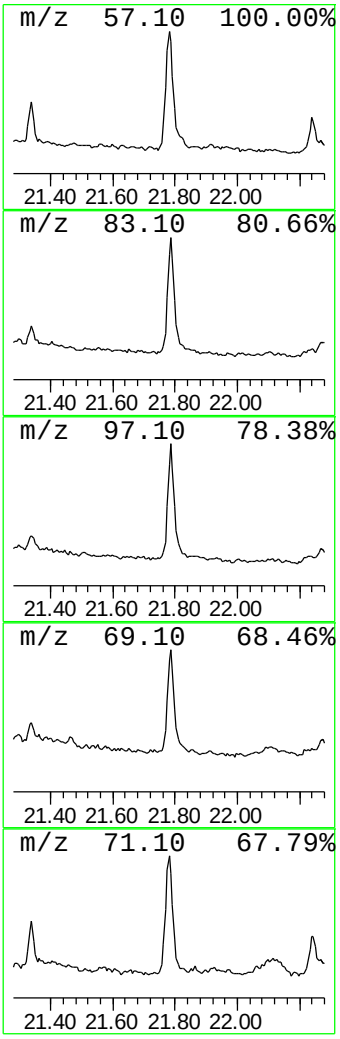
****

Peak Number 6 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	3.65 ng	1016330	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Tricosene	322	C23H46	018835-32-0	93
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	93





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Data File : BP003028.D
Acq On : 18 Aug 2020 21:22
Operator : CG/JU
Sample : L3712-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

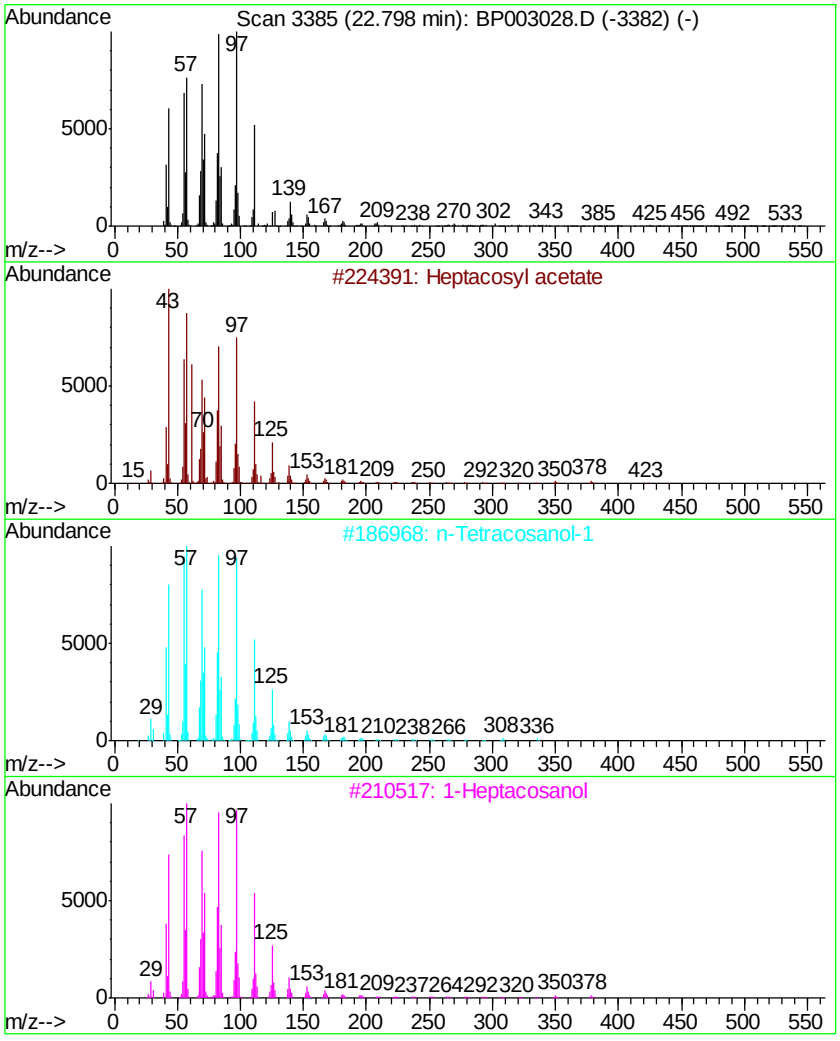
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

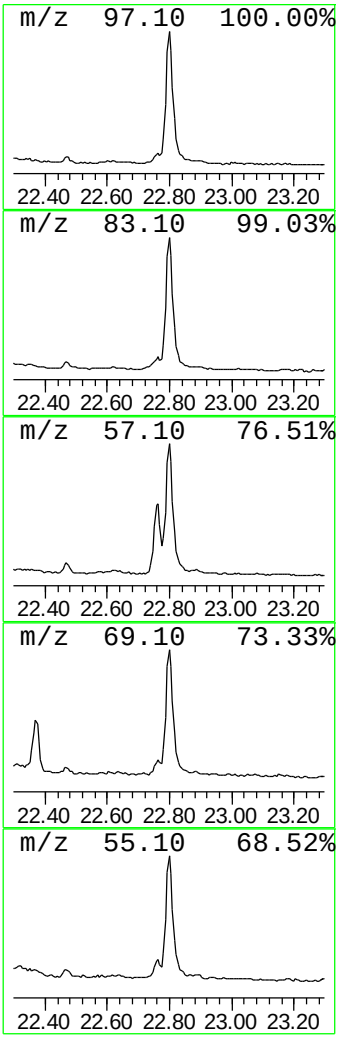
****

Peak Number 7 Heptacosyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	10.82 ng	2286900	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Library Search Compound Report

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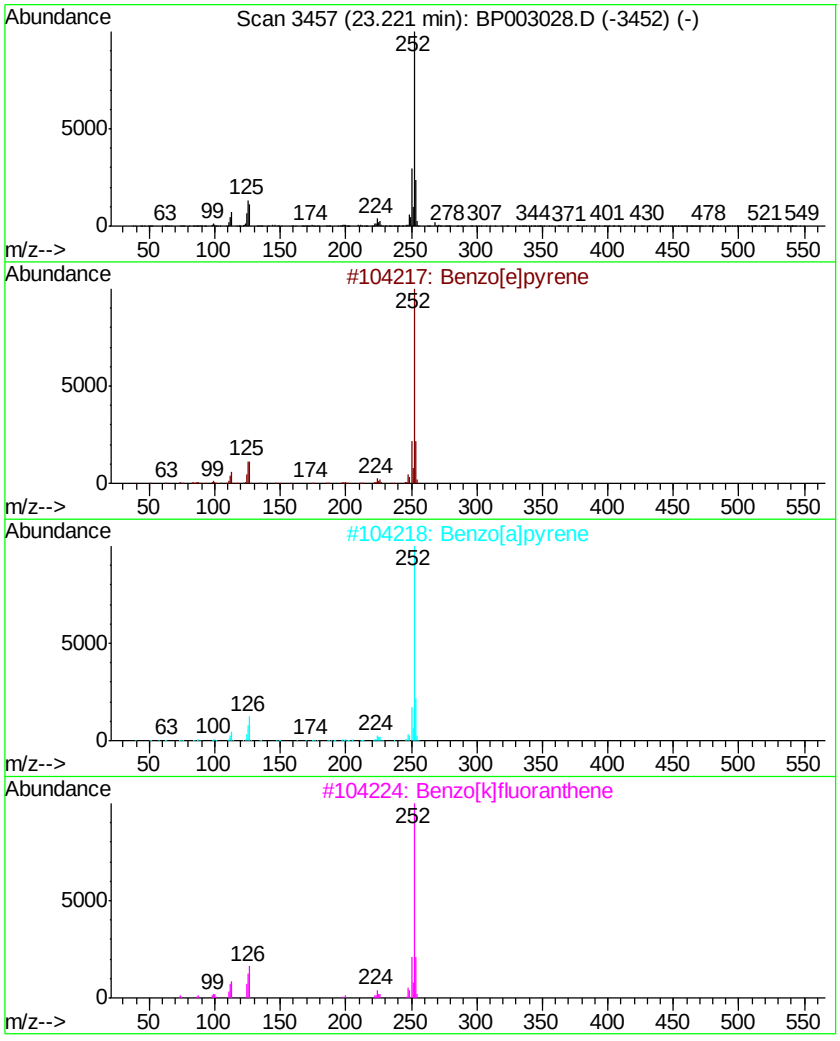
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

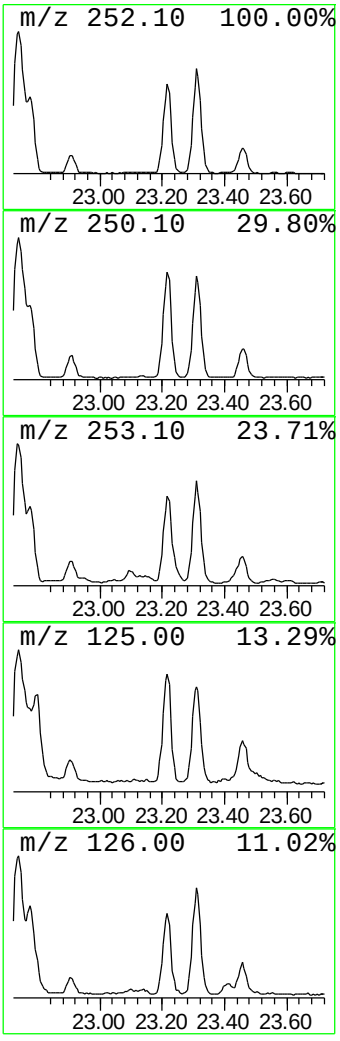
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	6.77 ng	1431640	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Library Search Compound Report

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Operator : CG/JU
Sample : L3712-07
Misc :
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

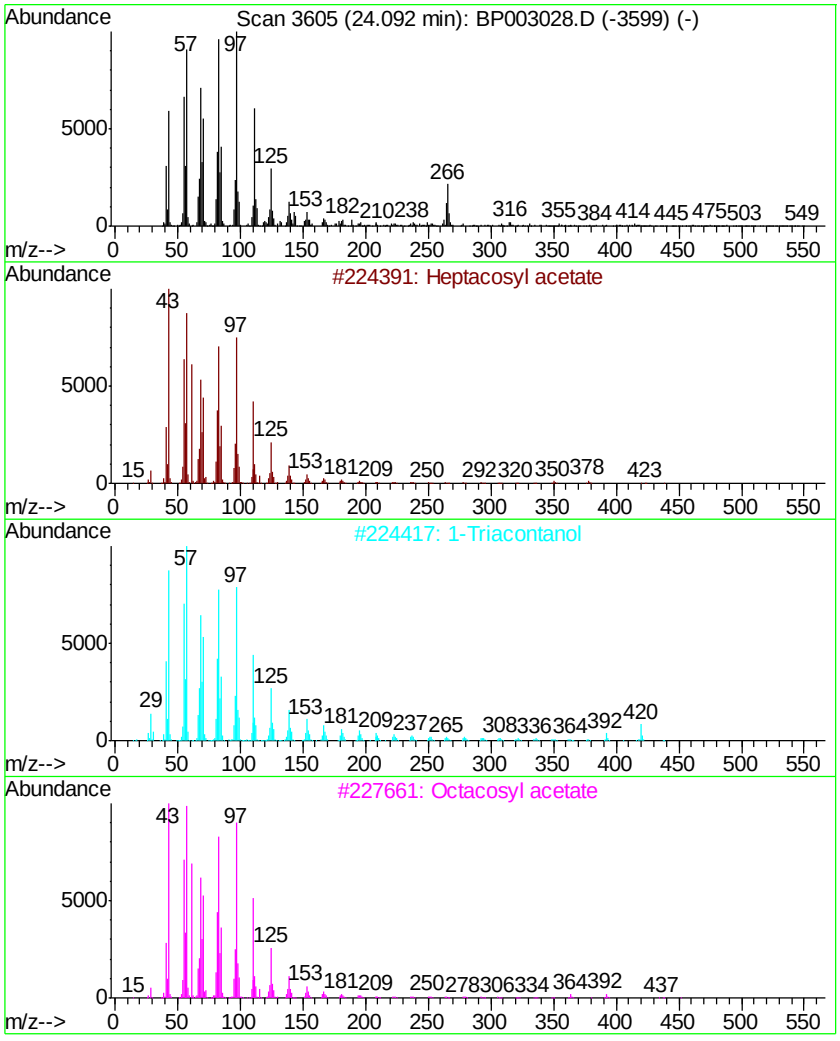
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

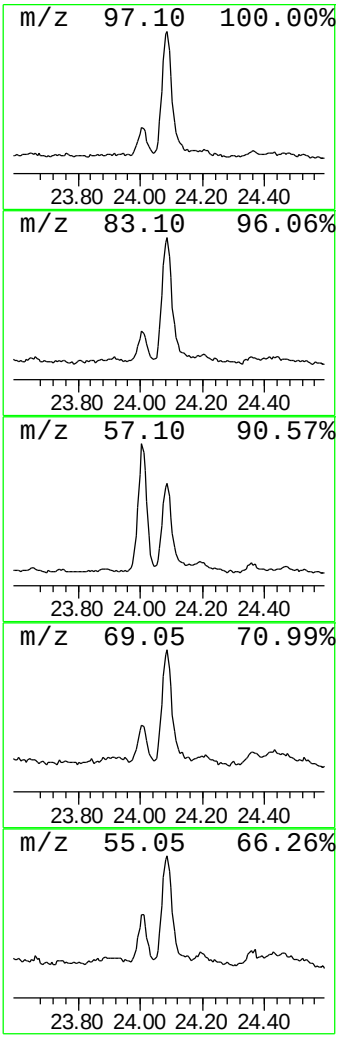
****

Peak Number 9 1-Triacontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	5.17 ng	1092220	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	1-Triacontanol	438	C30H62O	000593-50-0	95
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	93
5	Triacontyl acetate	480	C32H64O2	041755-58-2	93





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
ClientSampleId : VB-27207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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
Butane, 2-methoxy...	2.95	17.3	ng	1662920	1	7.69	1922640	20.0
(1S)-2,6,6-Trimet...	6.40	3.4	ng	327368	1	7.69	1922640	20.0
unknown12.12	12.12	2.4	ng	291346	2	10.46	2464120	20.0
3-Chloro-benzalac...	13.87	2.5	ng	451373	3	14.32	3683020	20.0
Cyclohexadecane	20.90	8.5	ng	2370570	5	21.17	5563610	20.0
Cyclotetracosane	21.78	3.6	ng	1016330	5	21.17	5563610	20.0
Heptacosyl acetate	22.80	10.8	ng	2286900	6	23.41	4226710	20.0
Benzo[e]pyrene	23.22	6.8	ng	1431640	6	23.41	4226710	20.0
1-Triacontanol	24.09	5.2	ng	1092220	6	23.41	4226710	20.0