LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

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_M\METHODS\8270-BM043019.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	3.970	164	167	172	rVB	35298	46946	2.16%	0.227%
2	5.340	395	400	409	rBV	669725	980912	45.13%	4.735%
3	6.928	663	670	686	rBV	606856	1019277	46.89%	4.920%
4	7.287	725	731	742	rBV	670604	1082425	49.80%	5.225%
5	7.758	805	811	818	rBV	156362	248712	11.44%	1.201%
6	8.075	858	865	874	rBV	467435	743965	34.23%	3.591%
7	8.922	1002	1009	1024	rBV	337067	622677	28.65%	3.006%
8	10.551	1279	1286	1297	rBV	166798	294619	13.55%	1.422%
9	13.022	1699	1706	1723	rBV	801436	1262971	58.11%	6.096%
10	13.863	1844	1849	1857	rBV	126444	198738	9.14%	0.959%
11	14.404	1935	1941	1956	rVB2	285686	423990	19.51%	2.047%
12	15.898	2189	2195	2212	rBV	814134	1161862	53.45%	5.608%
13	16.322	2263	2267	2274	rBV	16614	21902	1.01%	0.106%
14	16.551	2301	2306	2313	rBV4	11914	24961	1.15%	0.120%
15	17.157	2403	2409	2418	rBV2	368867	565733	26.03%	2.731%
16	17.227	2418	2421	2426	rVB2	19975	25169	1.16%	0.121%
17	18.039	2554	2559	2569	rBV	136189	232689	10.71%	1.123%
18	18.222	2585	2590	2594	rBV6	24381	34343	1.58%	0.166%
19	18.322	2604	2607	2613	rBV6	12128	22695	1.04%	0.110%
20	18.963	2711	2716	2719	rBV3	22550	28144	1.29%	0.136%
21	19.045	2724	2730	2731	rVV2	36798	43918	2.02%	0.212%
22	19.069	2731	2734	2742	rVB3	51475	79870	3.67%	0.386%
23	19.216	2754	2759	2763	rBV	18400	27758	1.28%	0.134%
24	19.257	2763	2766	2771	rVB2	29014	35428	1.63%	0.171%
25	19.321	2773	2777	2779	rVV3	31833	35413	1.63%	0.171%
26	19.351	2779	2782	2787	rVB3	63808	83402	3.84%	0.403%
27	19.580	2818	2821	2830	rVB2	32190	53110	2.44%	0.256%
28	19.780	2850	2855	2864	rBV	1700291	2173550	100.00%	10.491%
29	19.921	2876	2879	2882	rVV2	63233	66970	3.08%	0.323%
30	19.963	2883	2886	2892	rVB7	22896	38898	1.79%	0.188%
31	20.063	2898	2903	2910	rBV3	221829	412103	18.96%	1.989%
32	20.263	2934	2937	2945	rVB7	33028	41931	1.93%	0.202%
33	20.339	2945	2950	2955	rBV	206758	265213	12.20%	1.280%
34	20.398	2955	2960	2962	rVV4	53418	77860	3.58%	0.376%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

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_M\METHODS\8270-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.445	2966	2968	2971	rVV3	21831	22209	1.02%	0.107%
36	20.498	2973	2977	2982	rVV3	77910	113045	5.20%	0.546%
37	20.574	2986	2990	2997	rVV5	46367	74818	3.44%	0.361%
38	20.657	2997	3004	3010	rBV	127753	238079	10.95%	1.149%
39	20.757	3018	3021	3025	rBV5	29733	33938	1.56%	0.164%
40	20.804	3025	3029	3033	rVB	117663	134503	6.19%	0.649%
41	20.868	3037	3040	3047	rVB5	46896	55933	2.57%	0.270%
42	21.045	3065	3070	3073	rBV	896077	1113859	51.25%	5.376%
43	21.127	3080	3084	3089	rVB5	72230	108995	5.01%	0.526%
44	21.345	3116	3121	3131	rBV	538788	1016740	46.78%	4.908%
45	21.480	3141	3144	3147	rBV2	90931	123472	5.68%	0.596%
46	21.674	3173	3177	3182	rVB4	106500	171910	7.91%	0.830%
47	21.733	3184	3187	3191	rBV5	41098	51108	2.35%	0.247%
48	21.921	3214	3219	3220	rBV2	608473	719027	33.08%	3.471%
49	21.945	3220	3223	3232	rVB	853563	1366524	62.87%	6.596%
50	22.386	3294	3298	3302	rBV2	137669	205443	9.45%	0.992%
51	22.627	3336	3339	3346	rVB4	84813	119065	5.48%	0.575%
52	22.904	3381	3386	3390	rBV	332178	472233	21.73%	2.279%
53	22.957	3390	3395	3404	rVB	405080	631753	29.07%	3.049%
54	23.633	3504	3510	3522	rVB2	342825	748900	34.46%	3.615%
55	24.139	3592	3596	3605	rVB	165864	328893	15.13%	1.588%
56	24.239	3608	3613	3621	rVB2	187769	388648	17.88%	1.876%

Sum of corrected areas: 20717249

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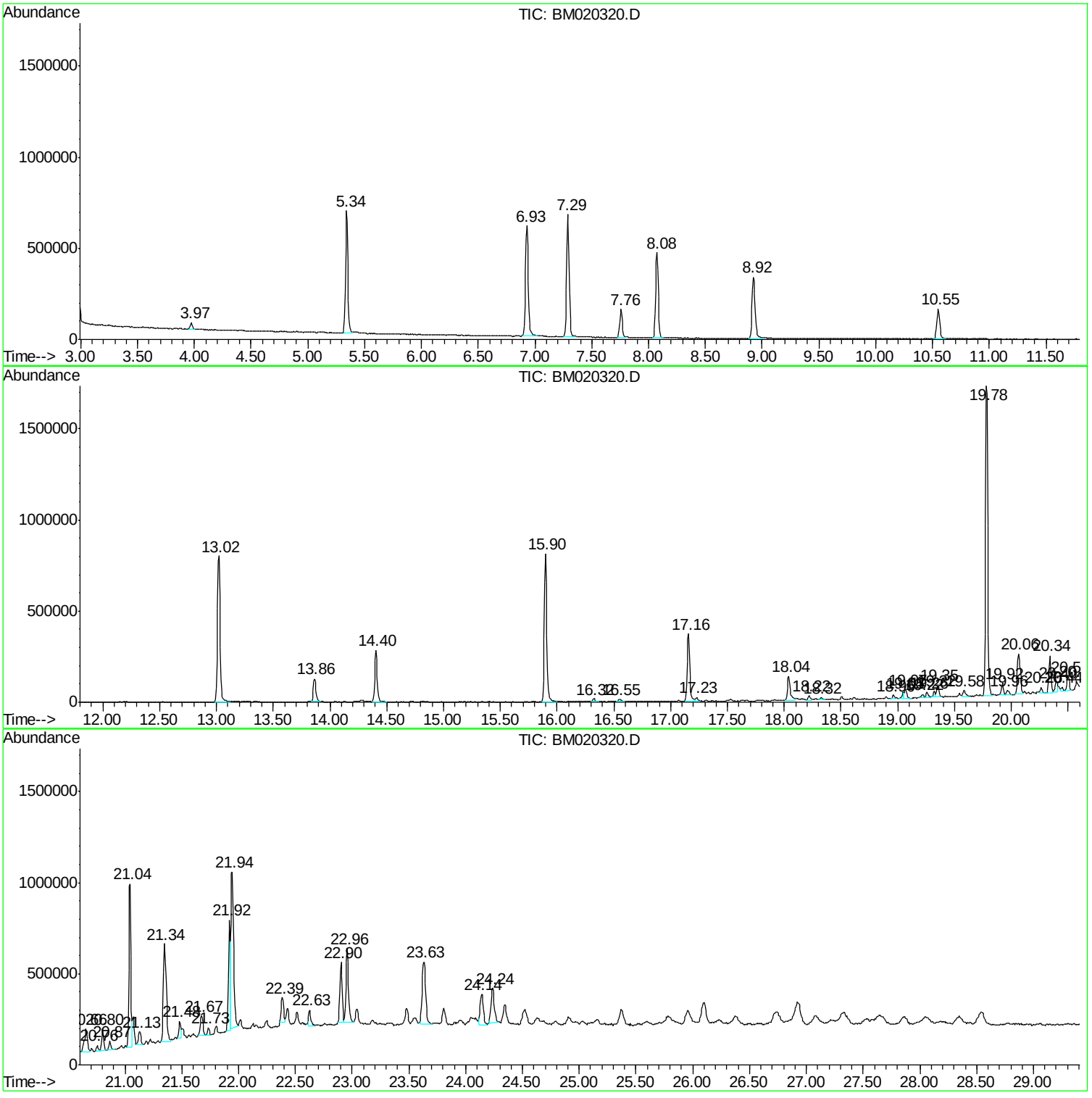
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

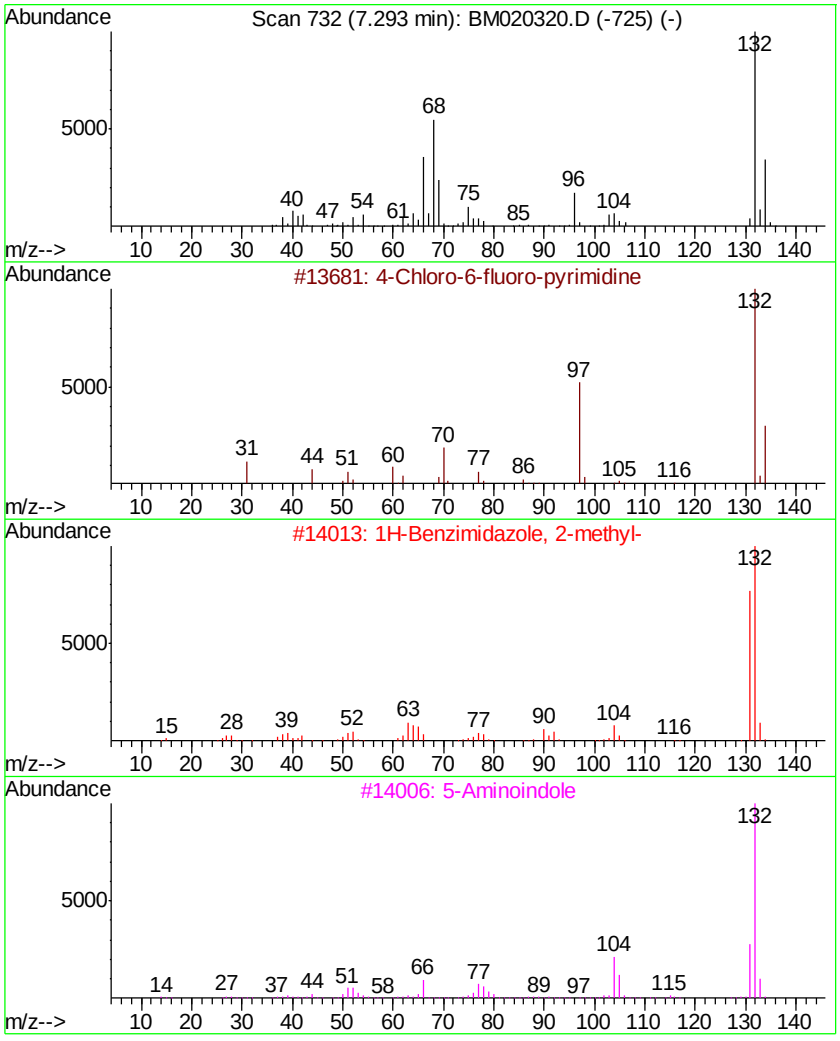
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

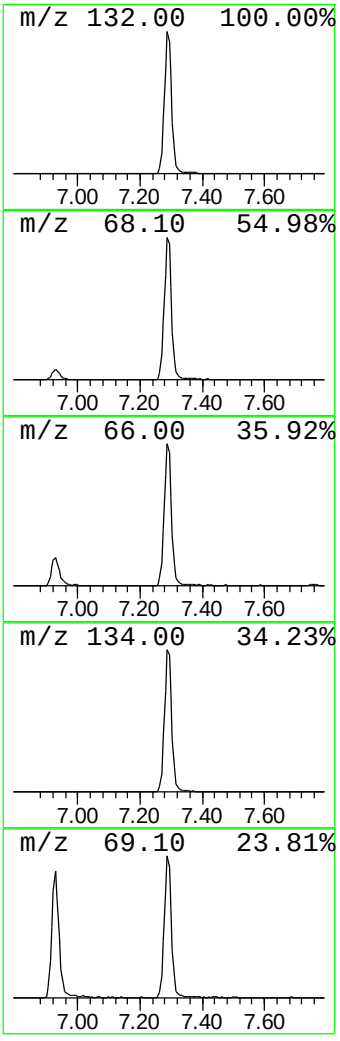
****

Peak Number 2 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	87.04 ng	1082430	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

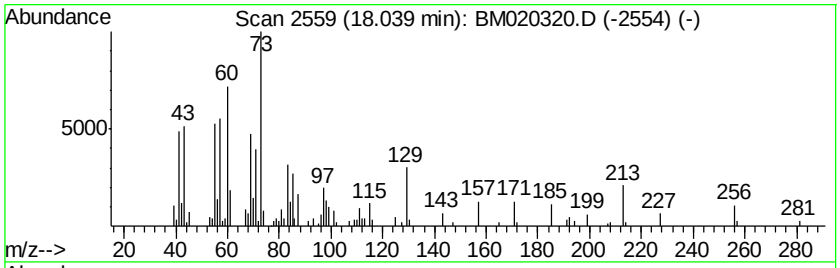
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

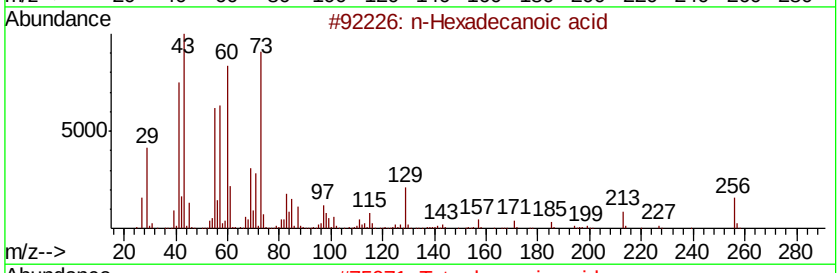
****

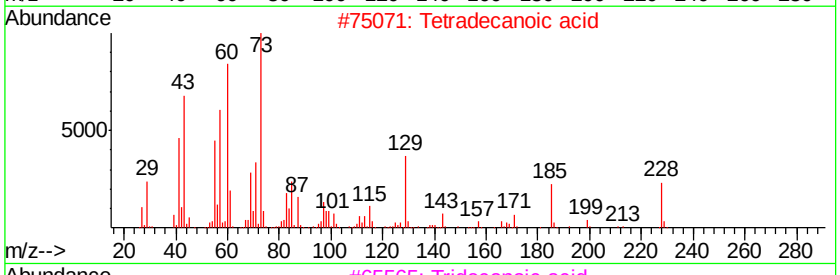
Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

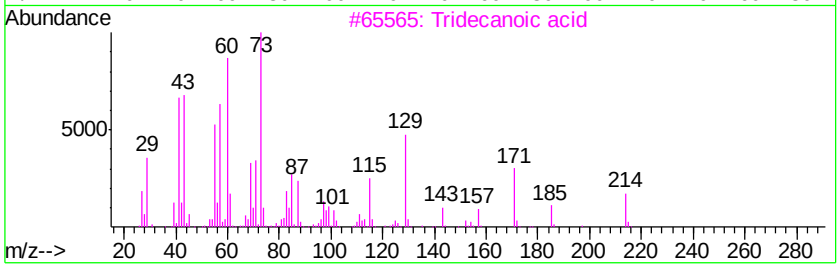
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.23 ng	232689	Phenanthrene-d10	17.16

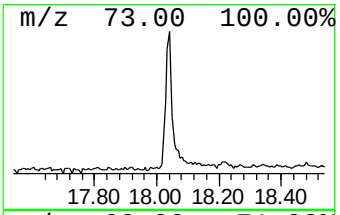
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	3,4-Anhydro-d-galactosan	144	C6H8O4	1000129-96-9	22

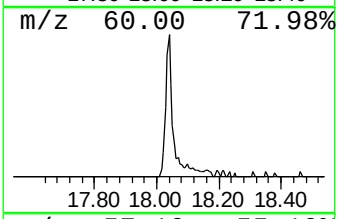


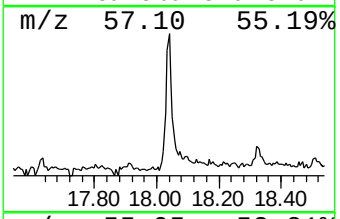


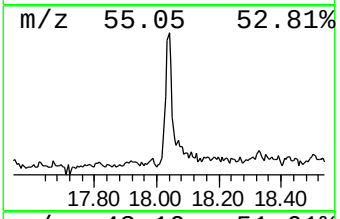


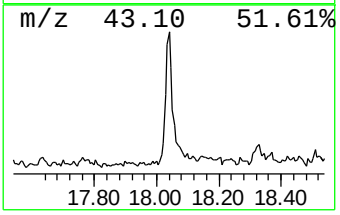












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

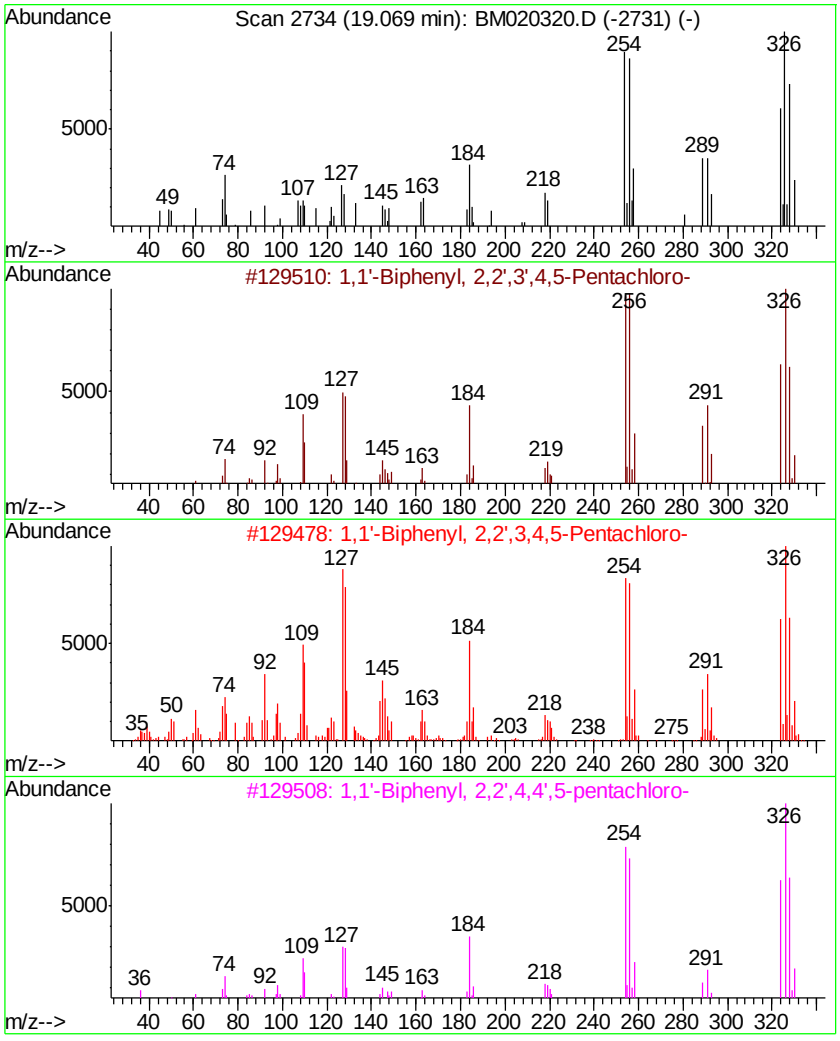
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

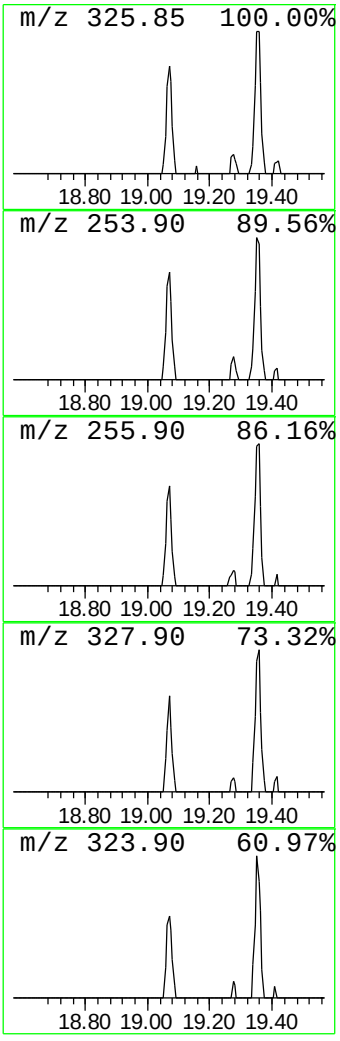
****

Peak Number 5 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.82 ng	79870	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
2	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	95
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

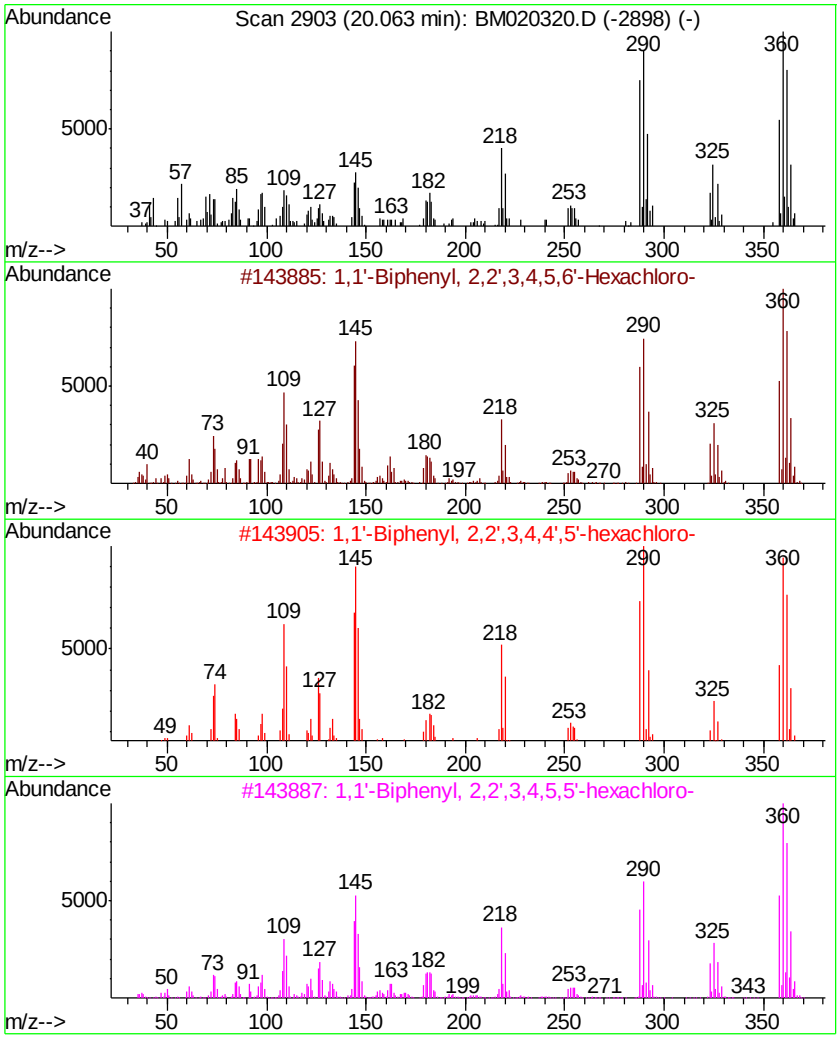
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

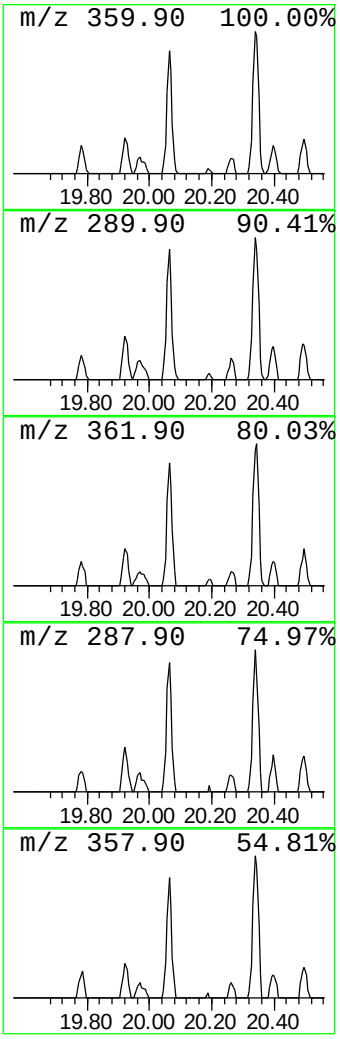
****

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	8.11 ng	412103	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
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Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

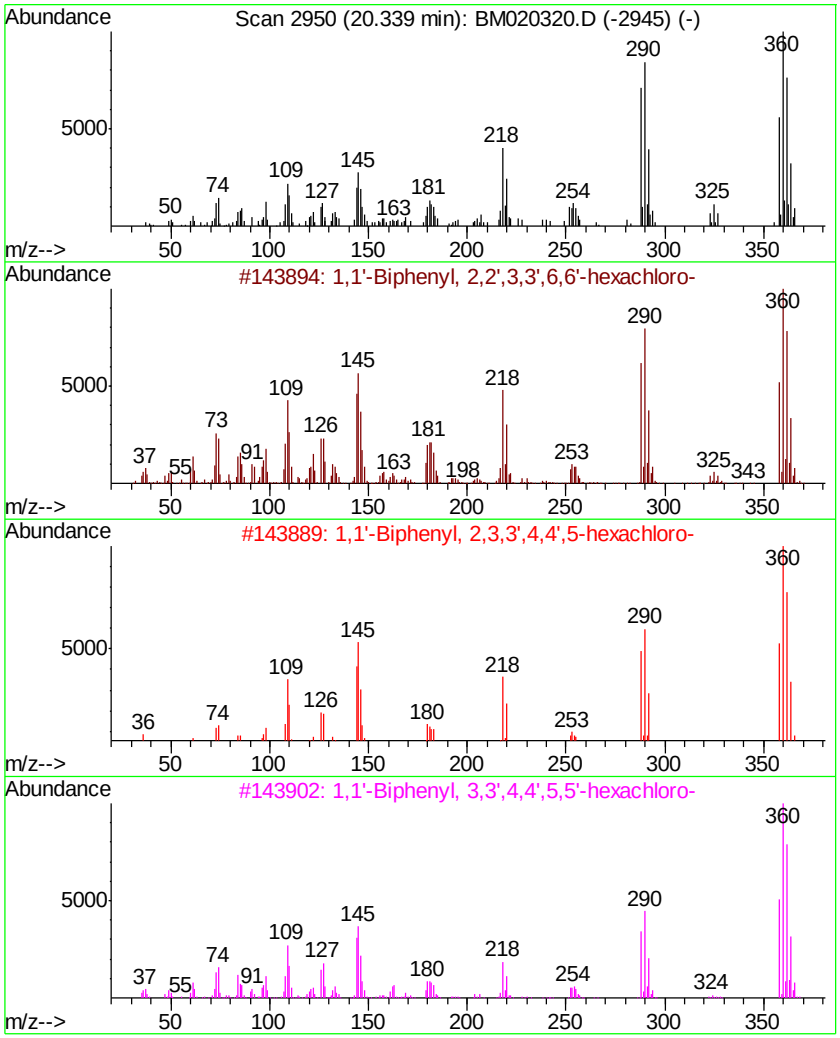
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

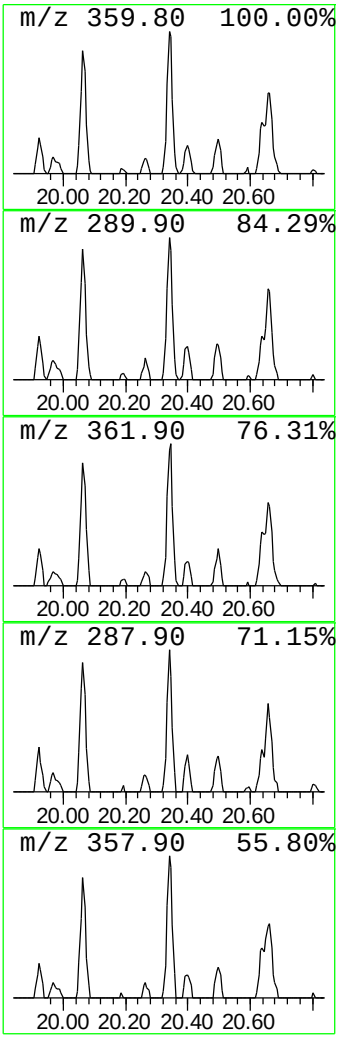
****

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	5.22 ng	265213	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	96
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

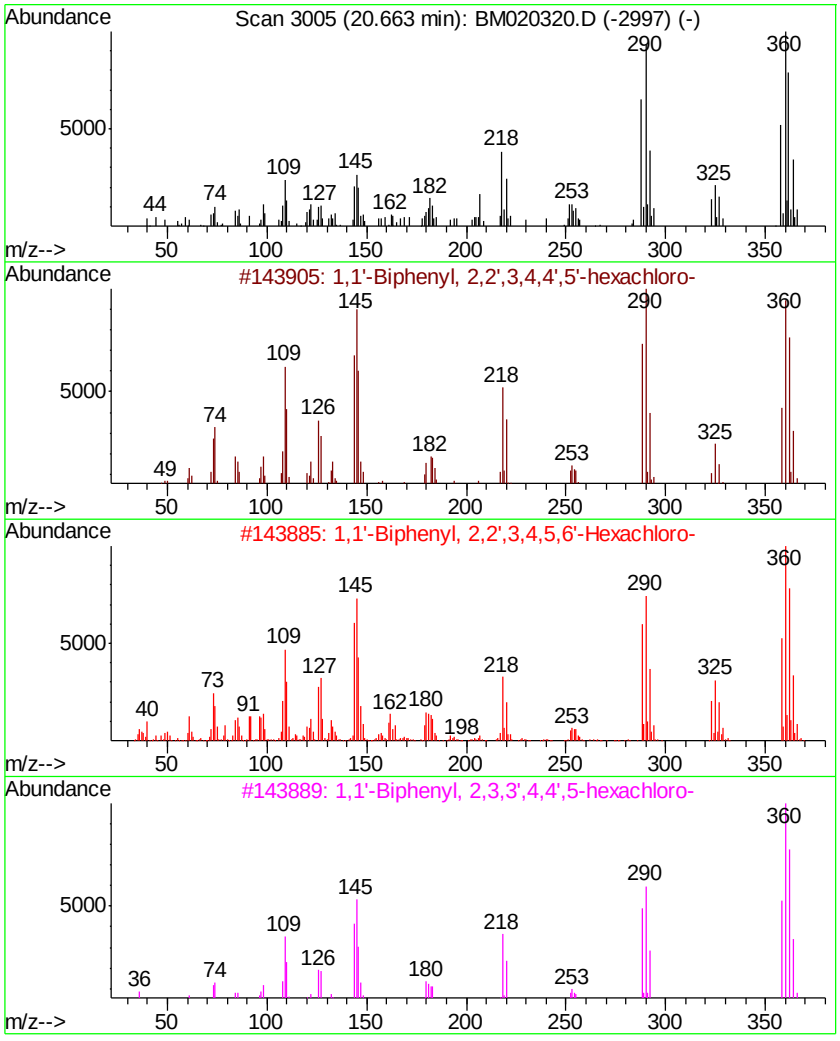
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

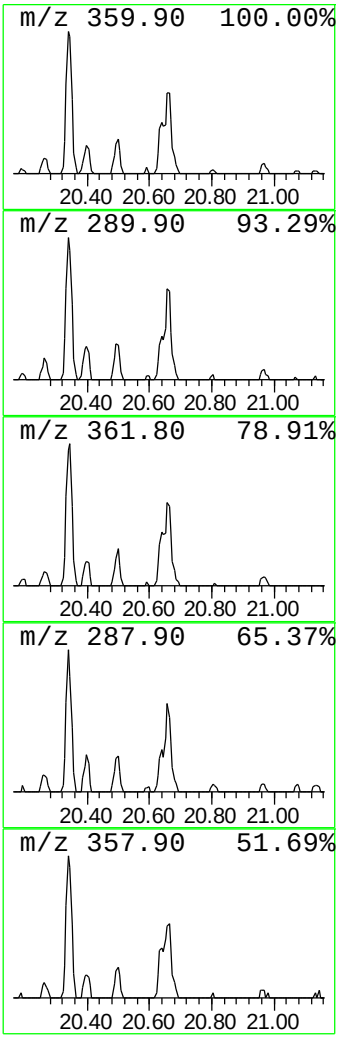
****

Peak Number 8 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	4.68 ng	238079	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	96
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	94
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	94





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Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
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ClientSampleId : P026-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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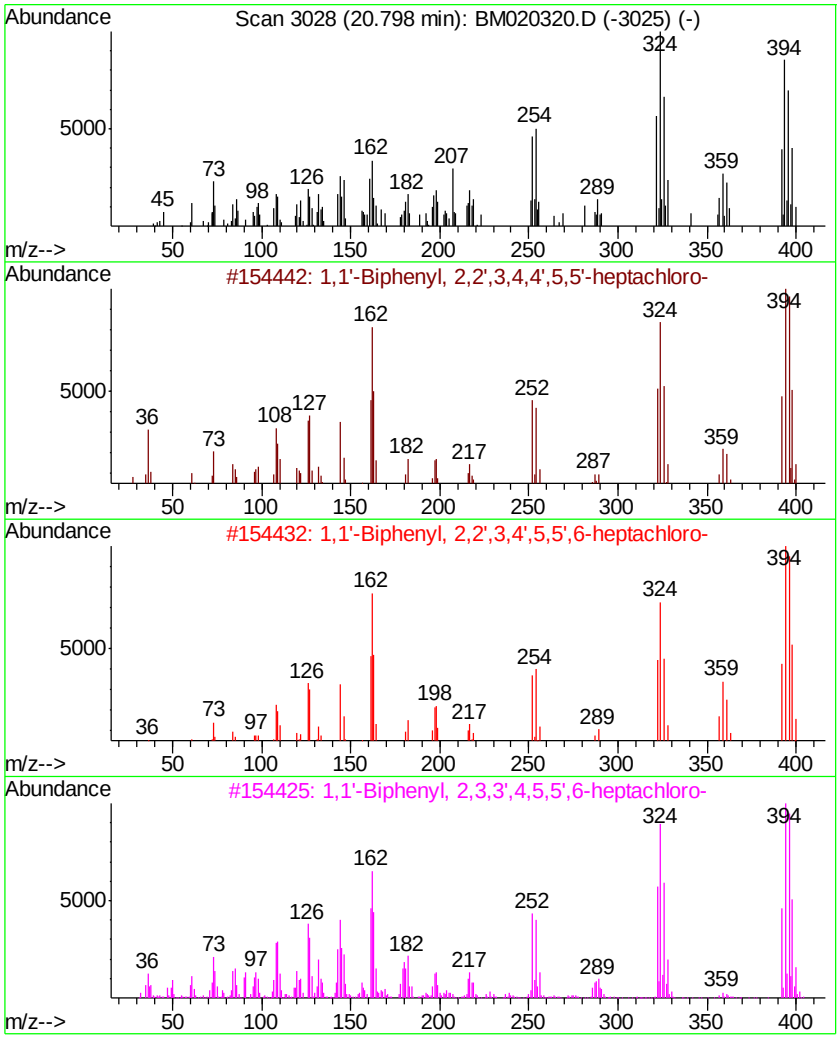
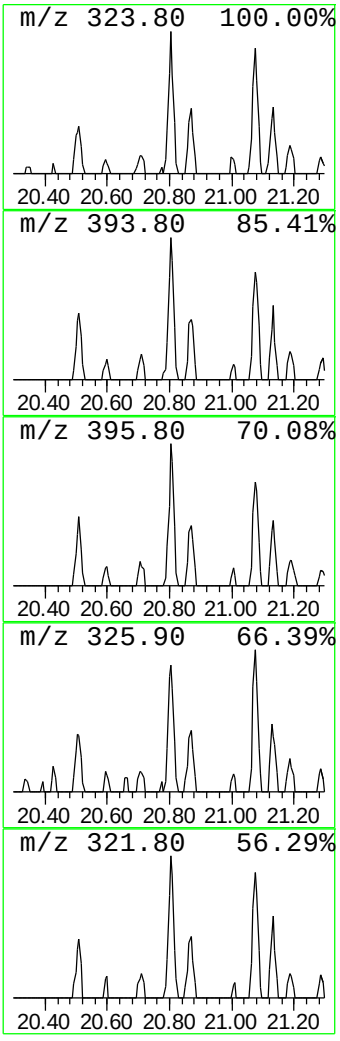
Peak Number 9 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.65 ng	134503	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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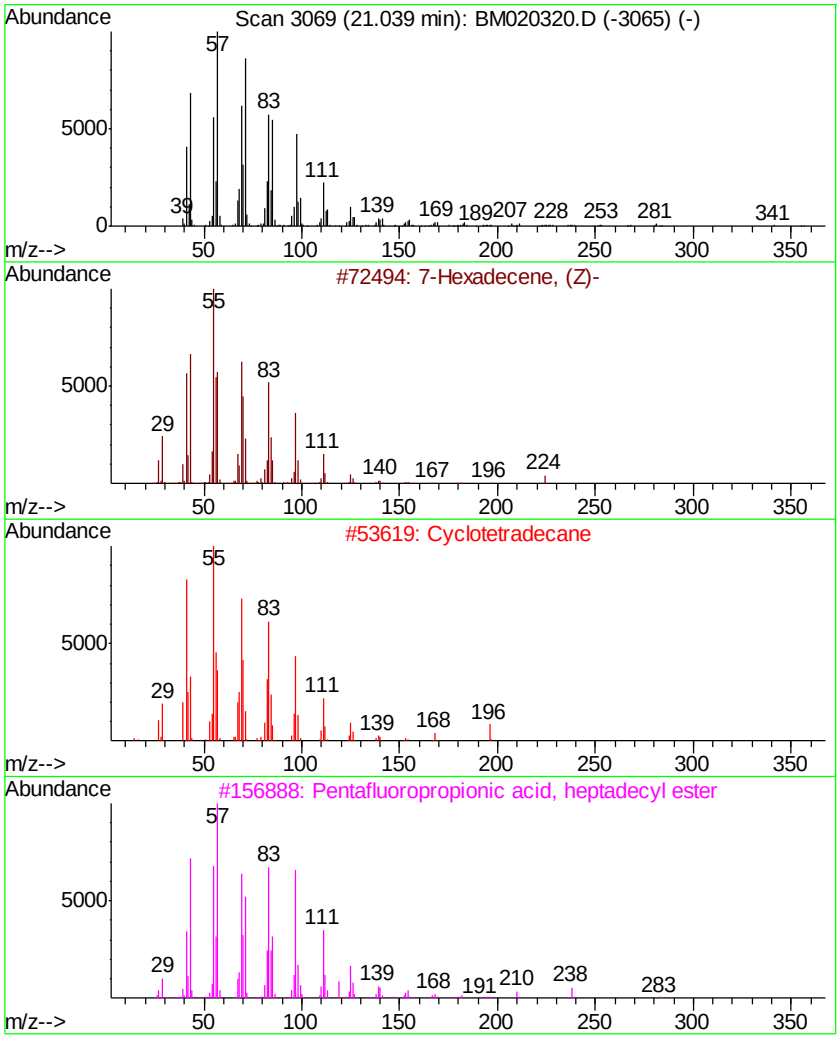
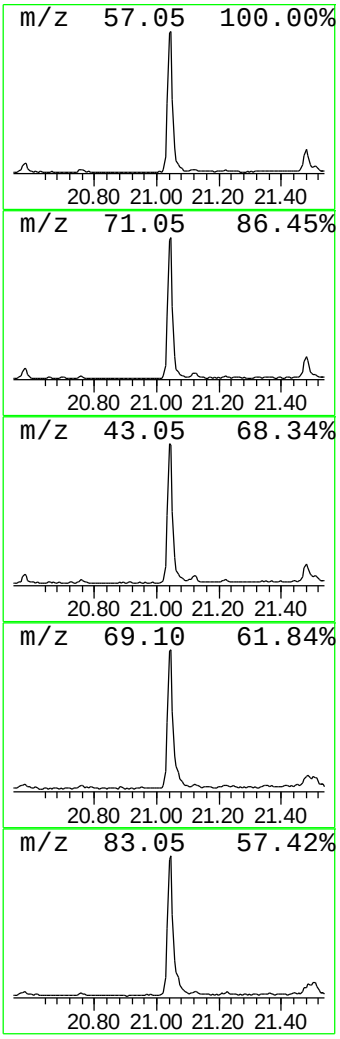
Peak Number 10 7-Hexadecene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	21.91 ng	1113860	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
2	Cyclotetradecane	196	C14H28	000295-17-0	89
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	68
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	64





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Sample : K2766-15
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ClientSampleId : P026-SS008-0612-01

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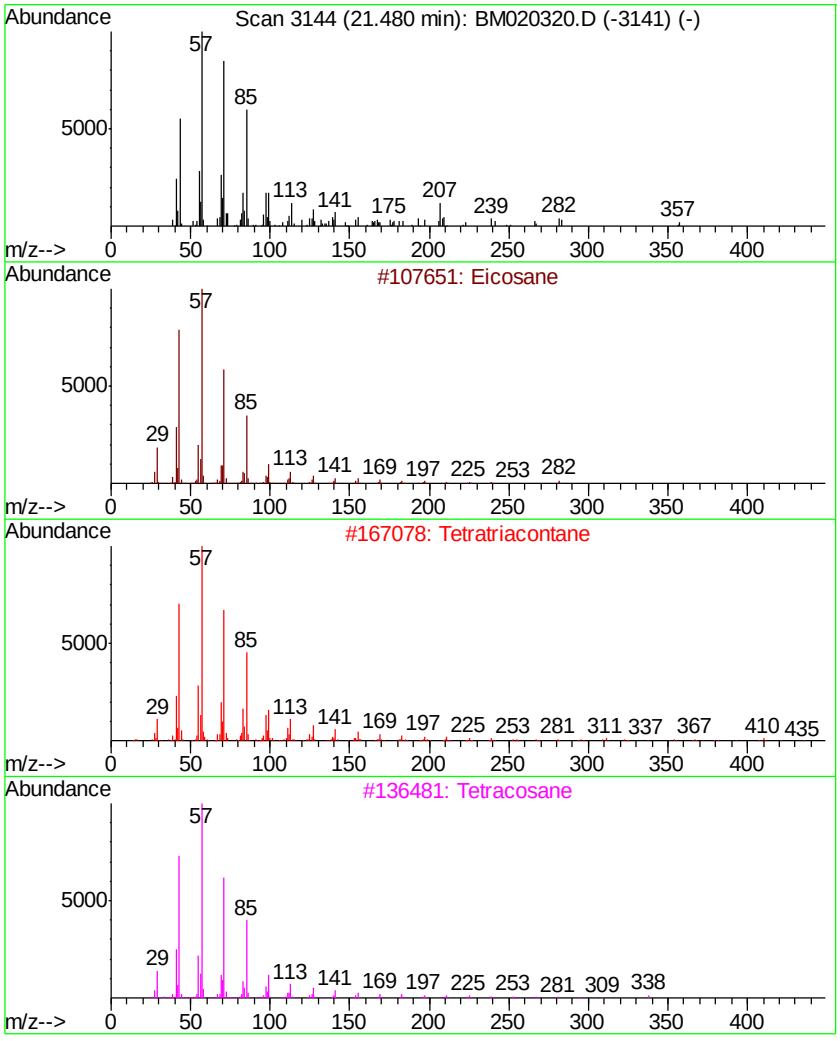
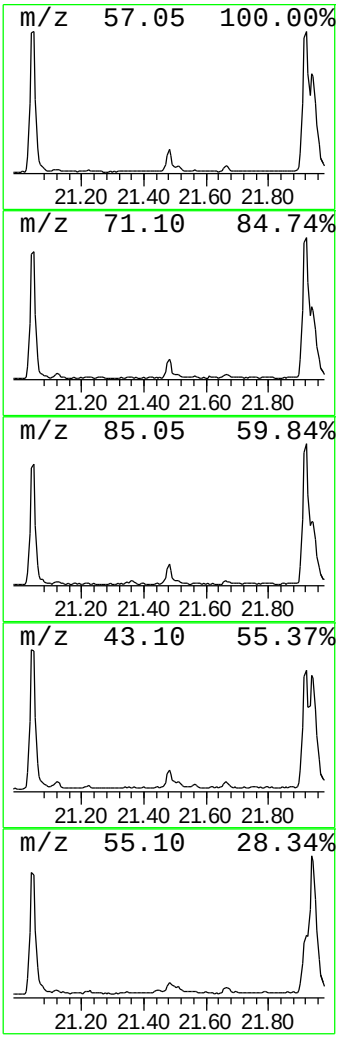
Peak Number 11 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.43 ng	123472	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratriacontane	479	C34H70	014167-59-0	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Docosane	310	C22H46	000629-97-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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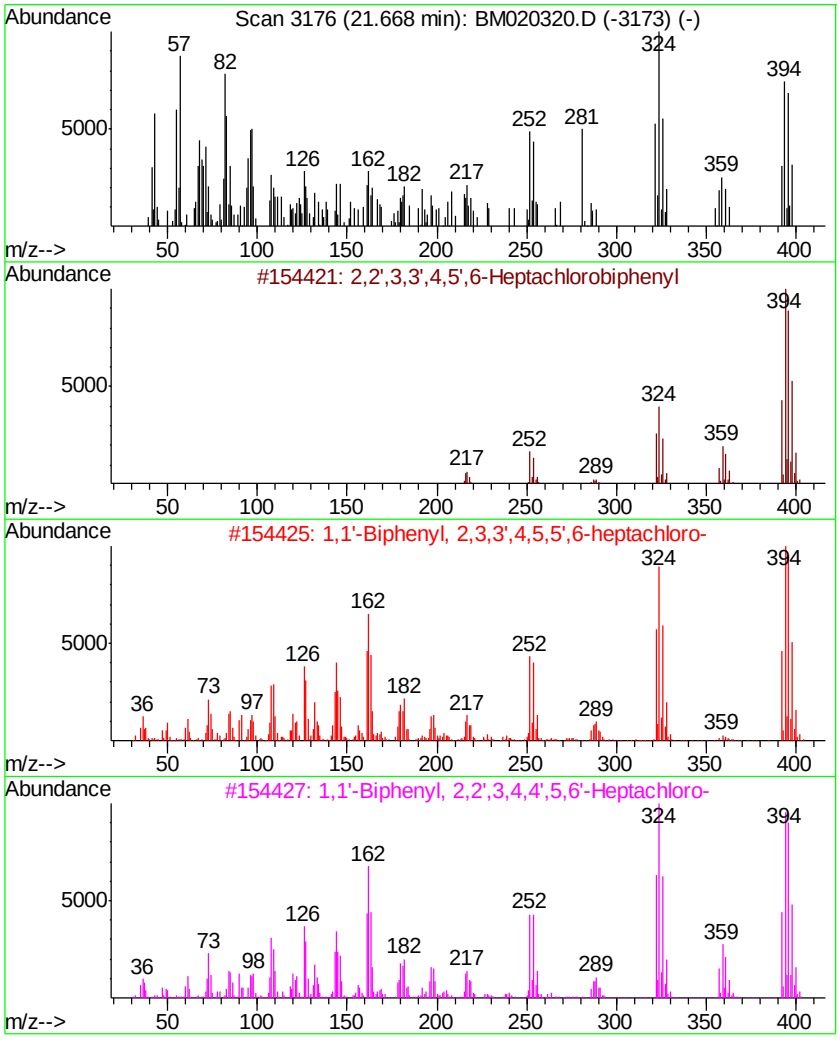
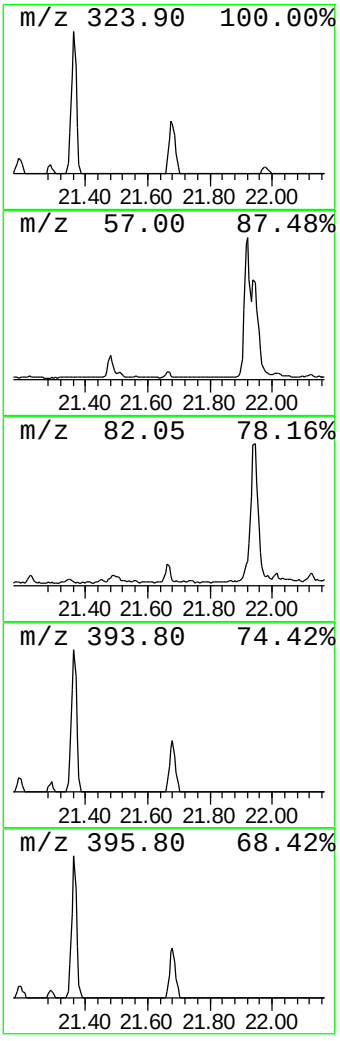
Peak Number 12 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.38 ng	171910	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	94
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	94
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	94
5	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	94





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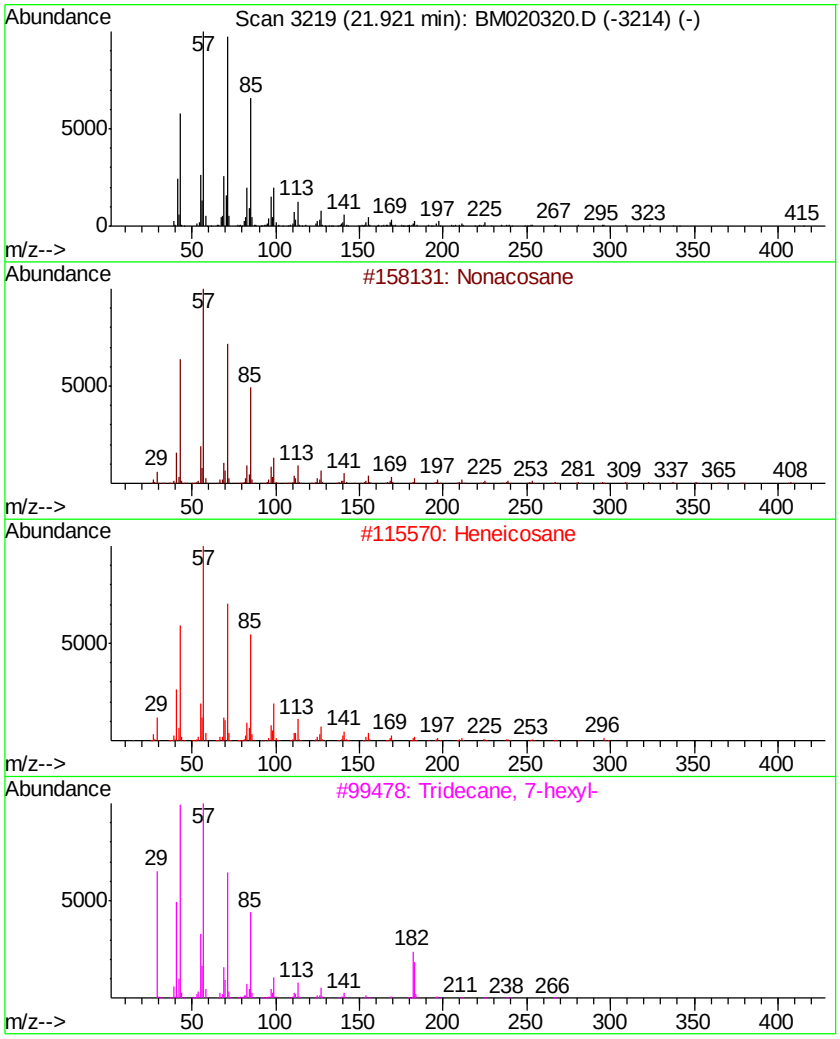
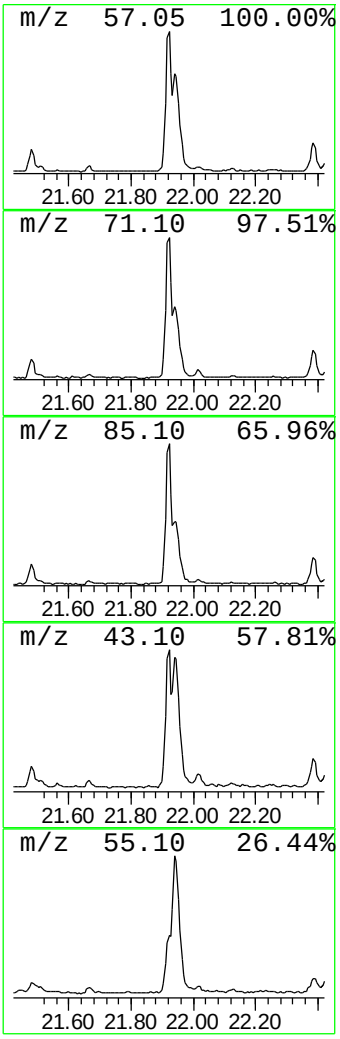
Peak Number 13 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	14.14 ng	719027	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	76
5	Octacosane	394	C28H58	000630-02-4	74





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ClientSampleId : P026-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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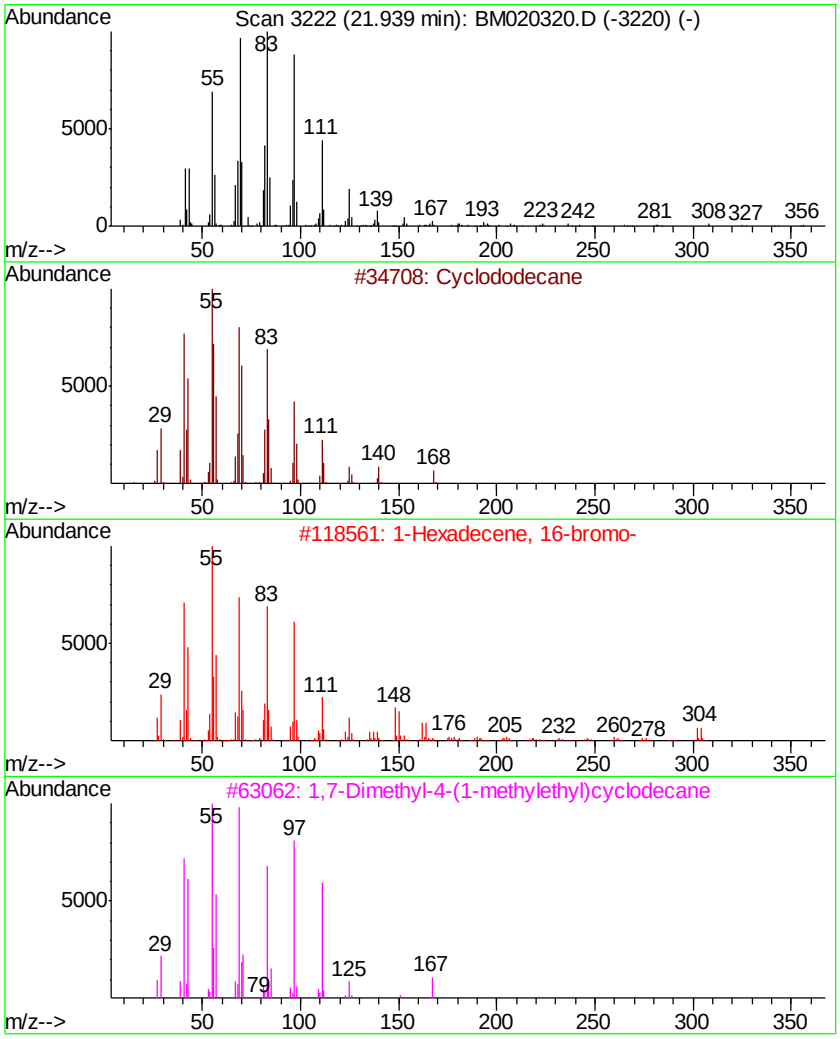
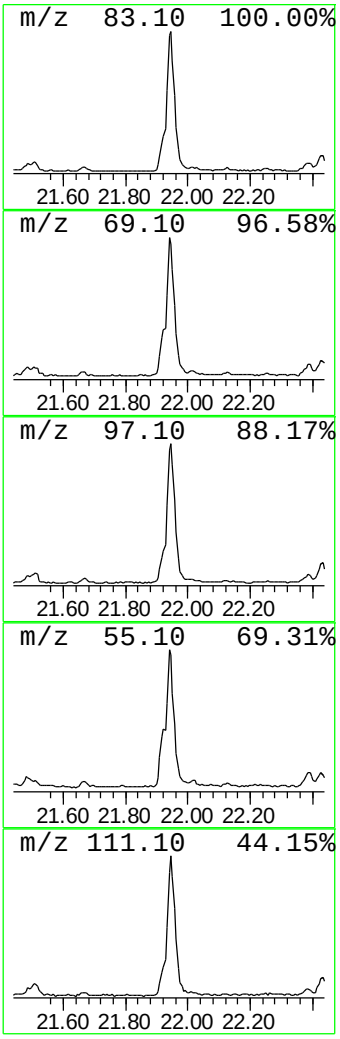
Peak Number 14 Cyclododecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	26.88 ng	1366520	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	87
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	64
3	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	50
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	50
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	49





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Sample : K2766-15
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Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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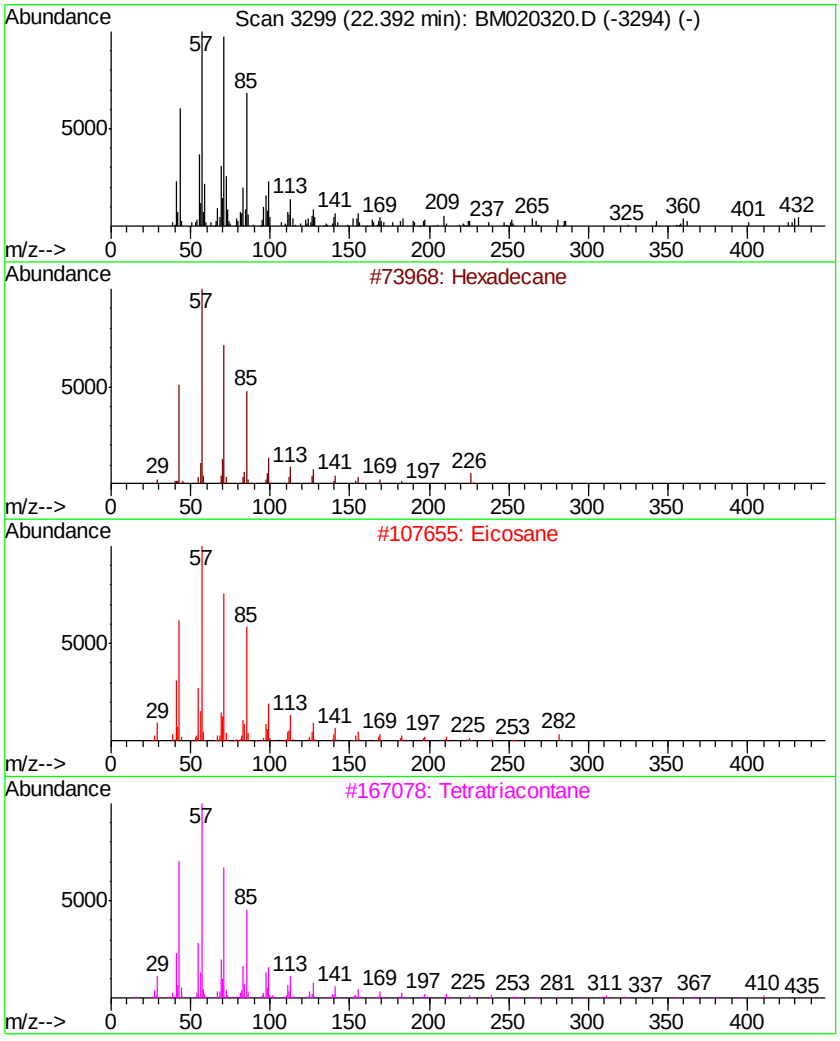
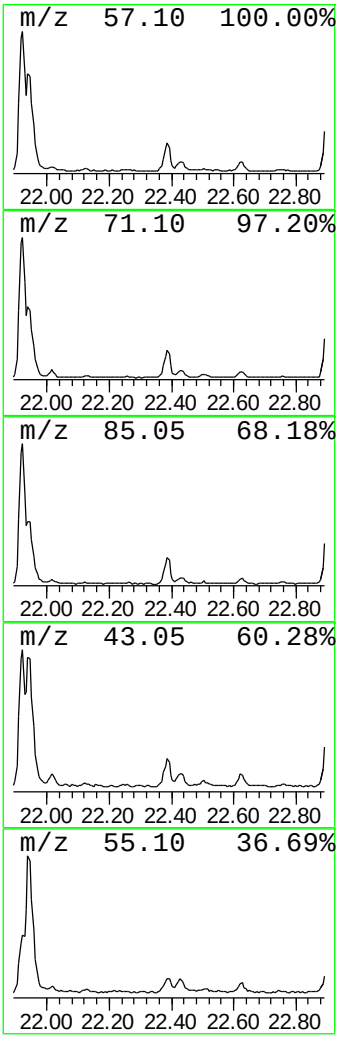
Peak Number 15 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.04 ng	205443	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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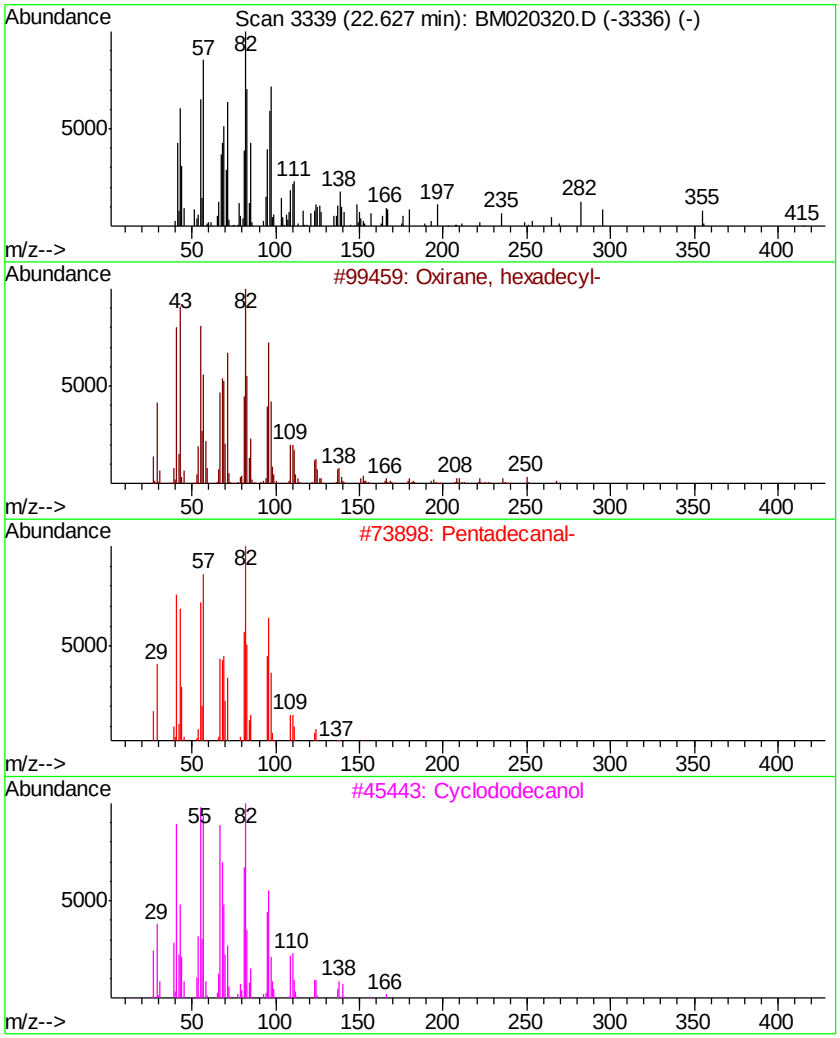
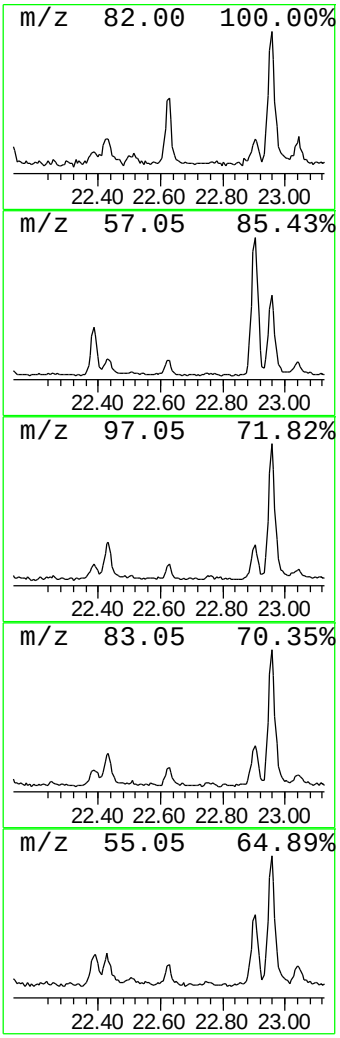
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.18 ng	119065	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
2	Pentadecanal-	226	C15H30O	002765-11-9	52
3	Cyclododecanol	184	C12H24O	001724-39-6	49
4	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	38
5	Dodecane, 2-cyclohexyl-	252	C18H36	013151-82-1	35





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ClientSampleId : P026-SS008-0612-01

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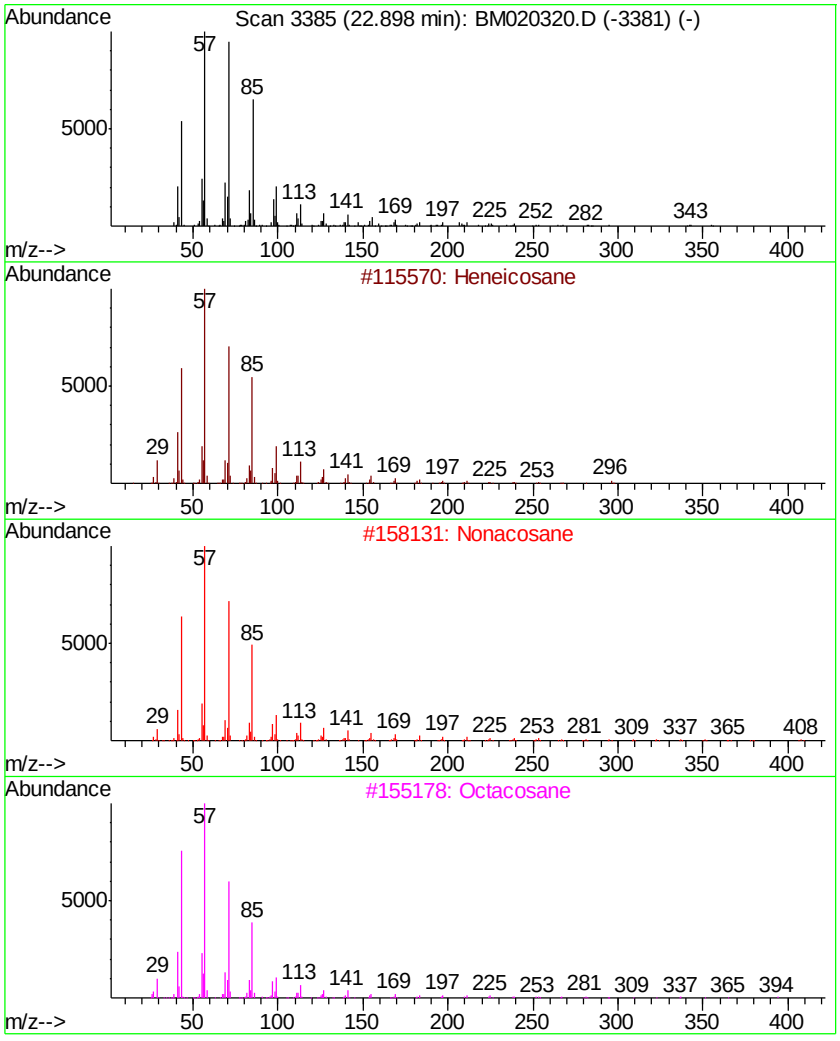
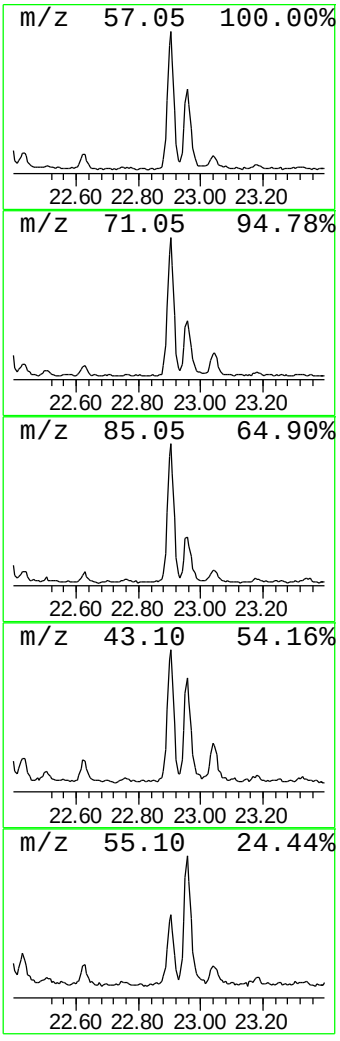
Peak Number 17 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	12.61 ng	472233	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83





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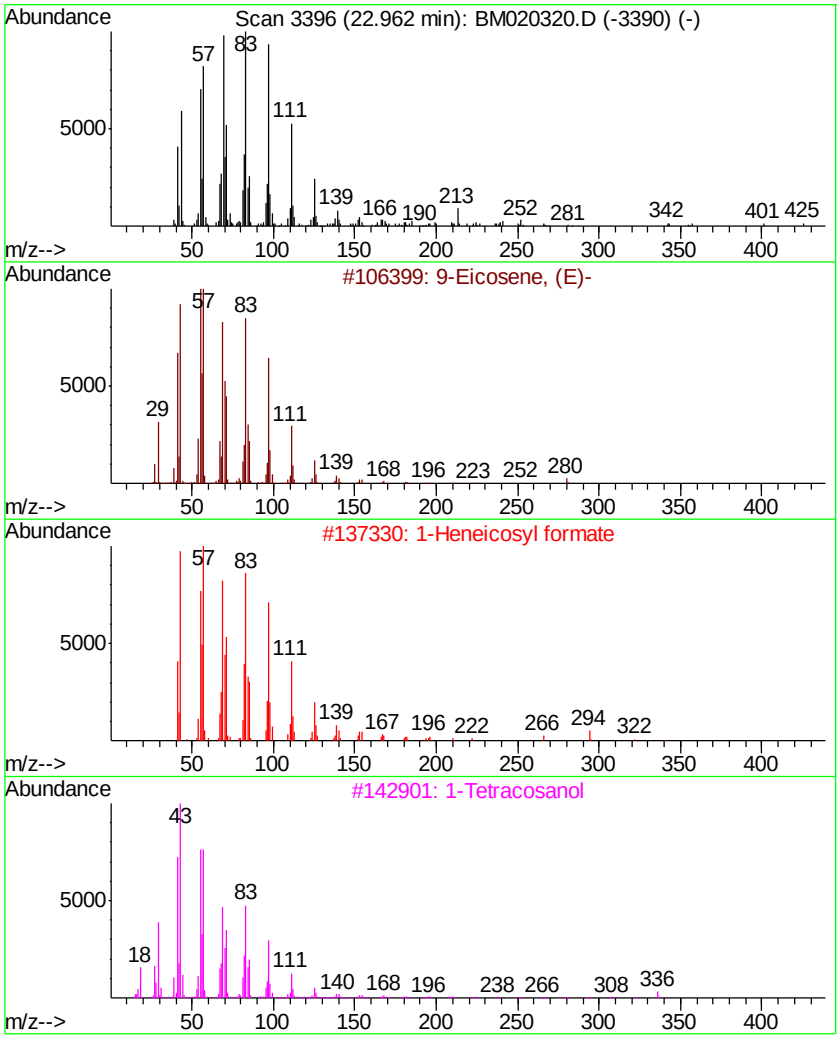
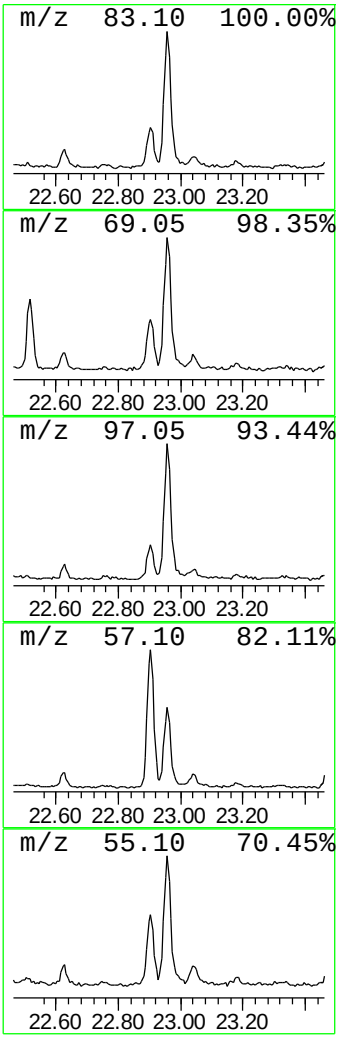
Peak Number 18 9-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	16.87 ng	631753	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
3	1-Tetracosanol	354	C24H50O	000506-51-4	68
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	64





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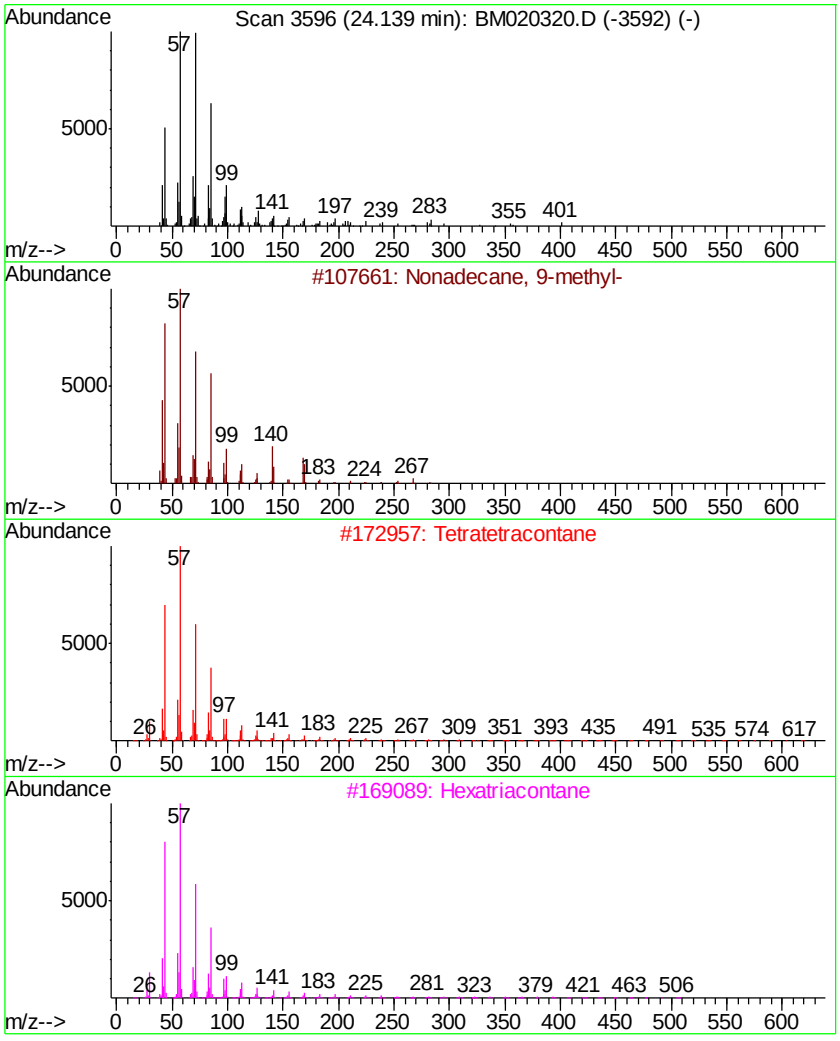
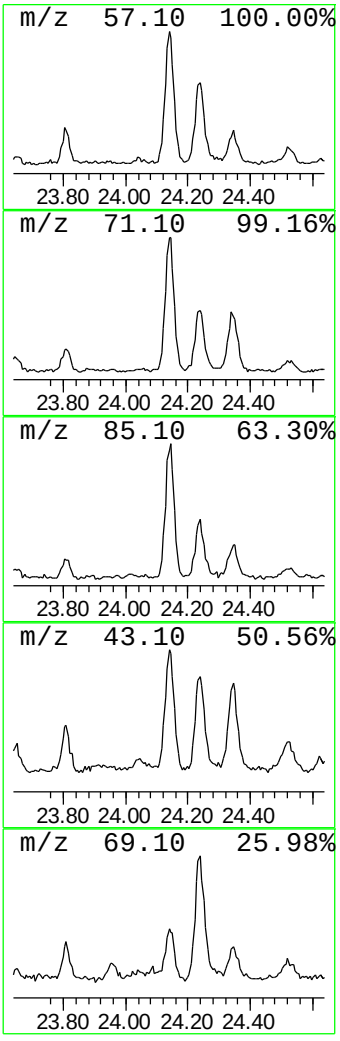
Peak Number 19 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	8.78 ng	328893	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Nonacosane	408	C29H60	000630-03-5	83
5	Tetratriacontane	479	C34H70	014167-59-0	81





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Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

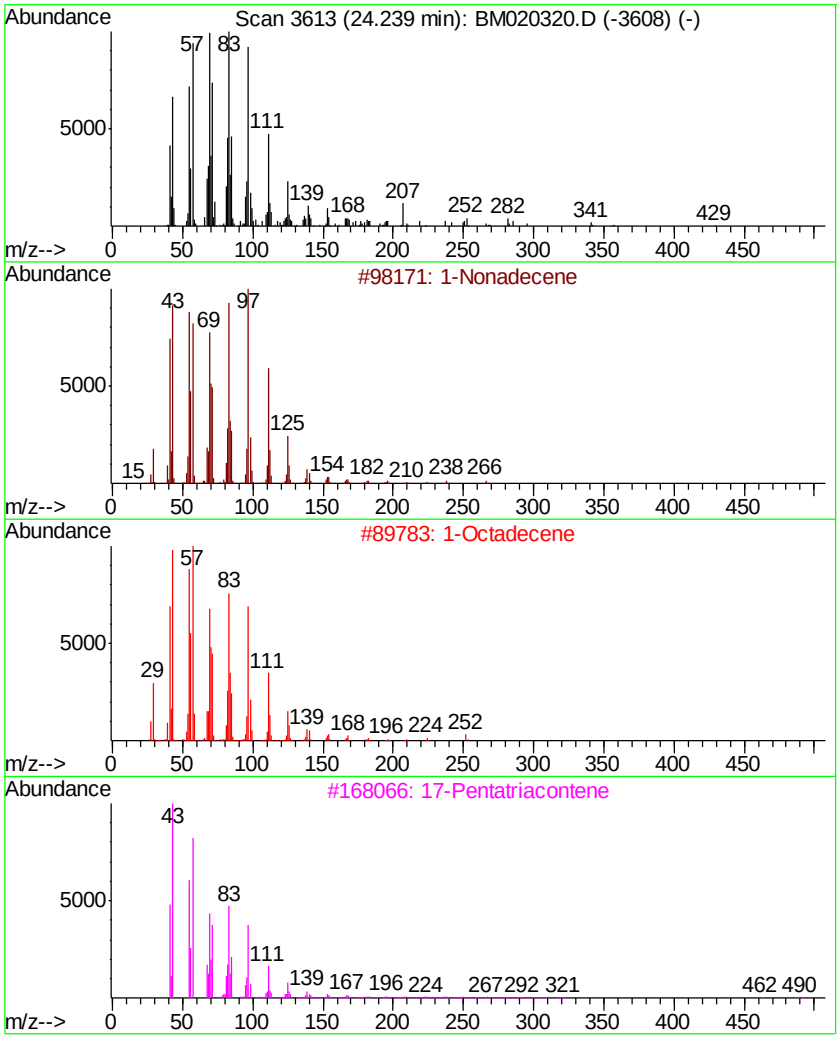
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

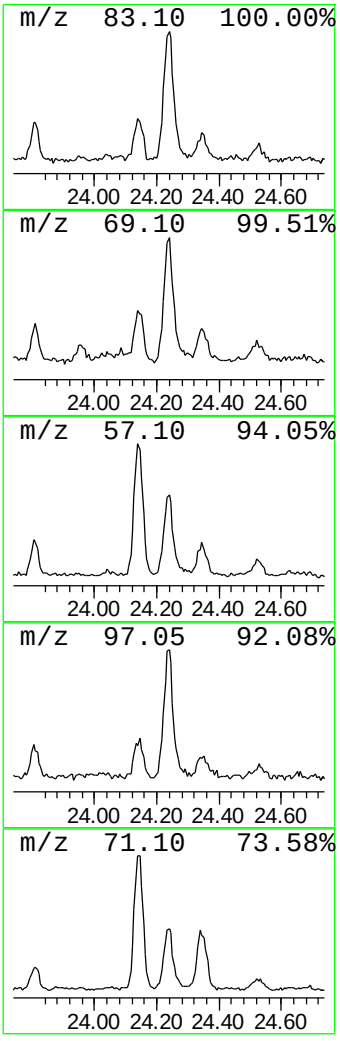
****

Peak Number 20 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	10.38 ng	388648	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Octadecene	252	C18H36	000112-88-9	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	81
4	1-Hexacosanol	382	C26H54O	000506-52-5	81
5	1-Eicosanol	298	C20H42O	000629-96-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
Data File : BM020320.D
Acq On : 13 May 2019 17:33
Operator : JU/SJ
Sample : K2766-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.29	7.29	87.0	ng	1082430	1	7.76	248712	20.0
n-Hexadecanoic acid	18.04	8.2	ng	232689	4	17.16	565733	20.0
1,1'-Biphenyl, 2,...	19.07	2.8	ng	79870	4	17.16	565733	20.0
1,1'-Biphenyl, 2,...	20.06	8.1	ng	412103	5	21.34	1016740	20.0
1,1'-Biphenyl, 2,...	20.34	5.2	ng	265213	5	21.34	1016740	20.0
1,1'-Biphenyl, 2,...	20.66	4.7	ng	238079	5	21.34	1016740	20.0
1,1'-Biphenyl, 2,...	20.80	2.6	ng	134503	5	21.34	1016740	20.0
7-Hexadecene, (Z)-	21.04	21.9	ng	1113860	5	21.34	1016740	20.0
Eicosane	21.48	2.4	ng	123472	5	21.34	1016740	20.0
2,2',3,3',4,5',6-...	21.67	3.4	ng	171910	5	21.34	1016740	20.0
Nonacosane	21.92	14.1	ng	719027	5	21.34	1016740	20.0
Cyclododecane	21.94	26.9	ng	1366520	5	21.34	1016740	20.0
Hexadecane	22.39	4.0	ng	205443	5	21.34	1016740	20.0
Oxirane, hexadecyl-	22.63	3.2	ng	119065	6	23.63	748900	20.0
Heneicosane	22.90	12.6	ng	472233	6	23.63	748900	20.0
9-Eicosene, (E)-	22.96	16.9	ng	631753	6	23.63	748900	20.0
Nonadecane, 9-met...	24.14	8.8	ng	328893	6	23.63	748900	20.0
1-Nonadecene	24.24	10.4	ng	388648	6	23.63	748900	20.0