

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002774.D
 Acq On : 16 Jul 2020 16:14
 Operator : CG/JU
 Sample : L3308-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BP071020.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	4.716	306	311	320	rVB2	38439	61945	1.16%	0.150%
2	5.187	384	391	414	rBV	2271195	3497063	65.54%	8.481%
3	6.763	651	659	676	rBV	2295033	3822130	71.64%	9.270%
4	7.175	724	729	741	rBV	72114	148687	2.79%	0.361%
5	7.558	787	794	804	rBV	853185	1324306	24.82%	3.212%
6	8.705	976	989	1011	rBV	1499968	2588706	48.52%	6.278%
7	10.328	1254	1265	1281	rBV	1093801	1939580	36.35%	4.704%
8	12.822	1682	1689	1711	rBV	3195654	5087562	95.35%	12.339%
9	13.669	1828	1833	1841	rBV	511185	758007	14.21%	1.838%
10	14.069	1895	1901	1908	rBV3	31511	71456	1.34%	0.173%
11	14.210	1918	1925	1934	rBV	1663123	2459328	46.09%	5.965%
12	15.716	2174	2181	2191	rBV	2237841	3486287	65.34%	8.455%
13	16.228	2265	2268	2273	rVB	49563	68586	1.29%	0.166%
14	16.969	2388	2394	2404	rBV	1788365	2585539	48.46%	6.271%
15	17.051	2404	2408	2412	rBV4	45390	85447	1.60%	0.207%
16	17.092	2412	2415	2420	rVB2	54261	74956	1.40%	0.182%
17	17.898	2548	2552	2558	rBV	105499	149012	2.79%	0.361%
18	18.375	2629	2633	2639	rVB	58403	82380	1.54%	0.200%
19	18.633	2672	2677	2681	rBV	493035	609316	11.42%	1.478%
20	18.722	2688	2692	2699	rBV	100245	129547	2.43%	0.314%
21	18.786	2699	2703	2705	rBV	40571	58087	1.09%	0.141%
22	19.063	2747	2750	2757	rVB2	44228	69451	1.30%	0.168%
23	19.251	2779	2782	2786	rBV	94437	99413	1.86%	0.241%
24	19.557	2829	2834	2841	rBV	4145882	5335405	100.00%	12.940%
25	19.775	2867	2871	2874	rBV2	42902	58025	1.09%	0.141%
26	20.192	2938	2942	2946	rVB3	157140	189237	3.55%	0.459%
27	20.239	2947	2950	2955	rVB	83466	108808	2.04%	0.264%
28	20.445	2981	2985	2988	rBV	238599	281959	5.28%	0.684%
29	20.810	3043	3047	3058	rBV	725331	1134094	21.26%	2.750%
30	21.080	3088	3093	3103	rBV	1487720	1984065	37.19%	4.812%
31	21.686	3192	3196	3206	rVB2	247418	447619	8.39%	1.086%
32	22.627	3353	3356	3361	rVB	201686	271338	5.09%	0.658%
33	23.268	3459	3465	3473	rVB2	920277	1723283	32.30%	4.179%
34	23.904	3569	3573	3584	rVB2	213321	442084	8.29%	1.072%

LSC Area Percent Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

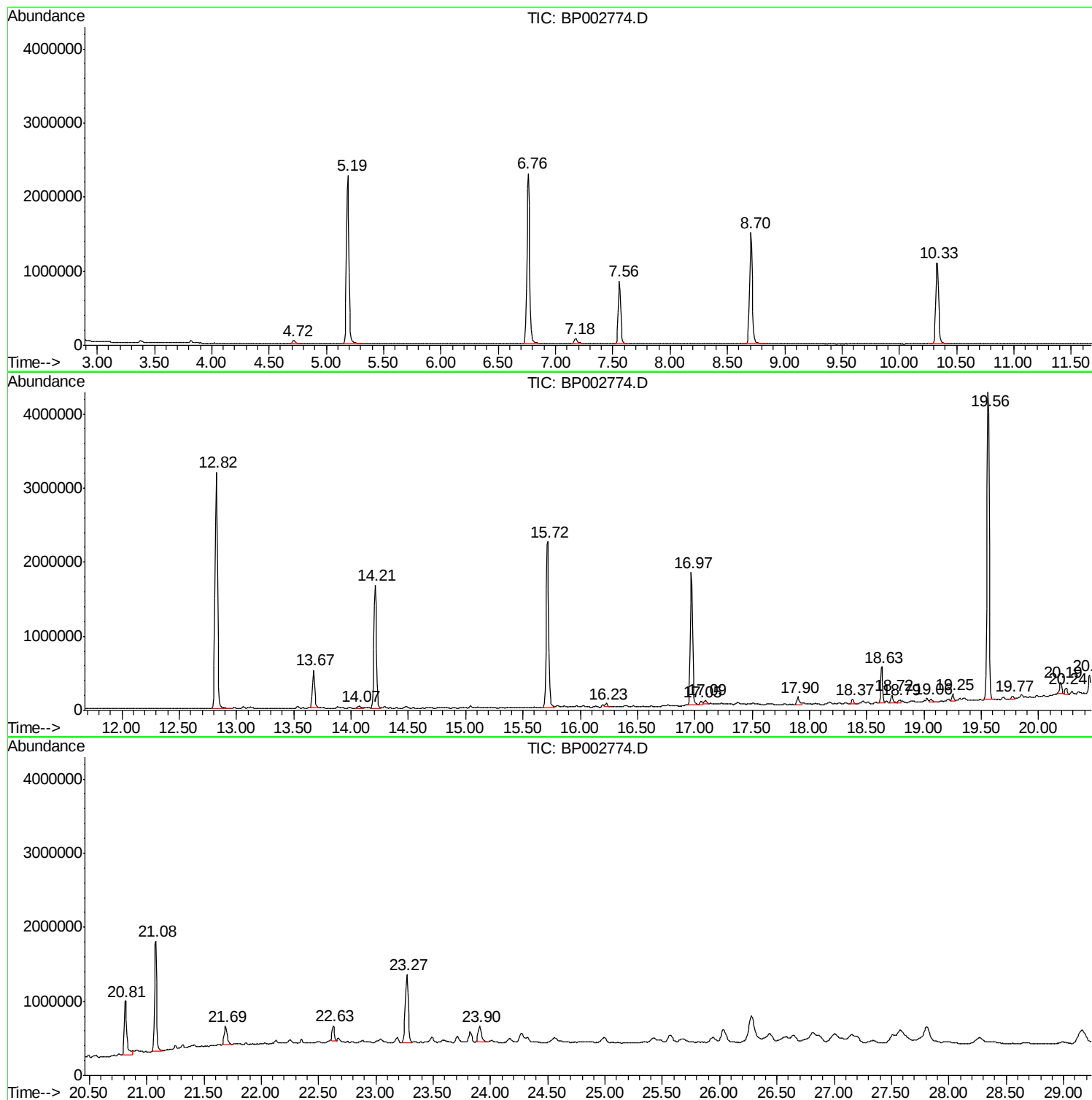
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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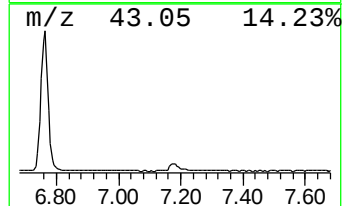
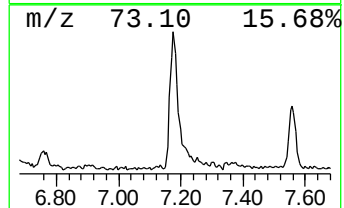
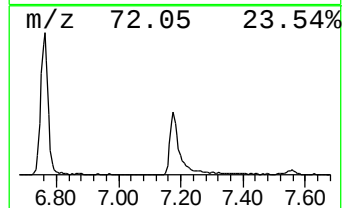
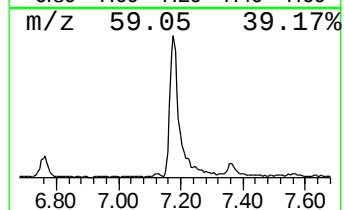
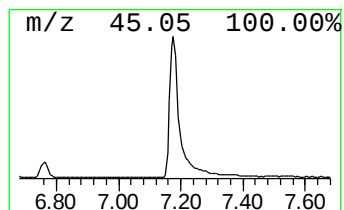
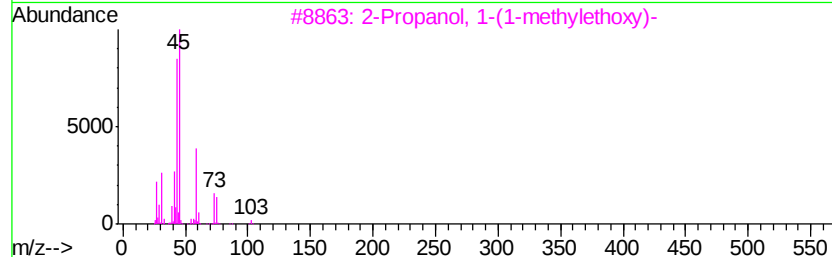
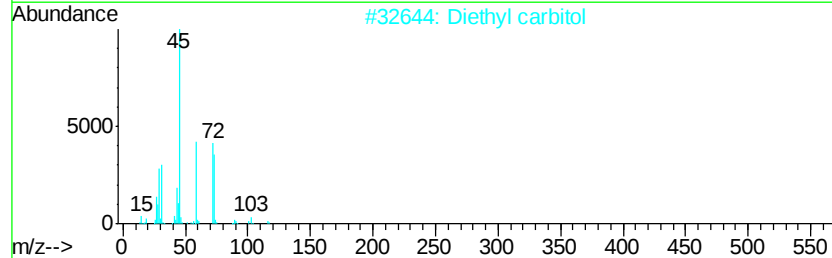
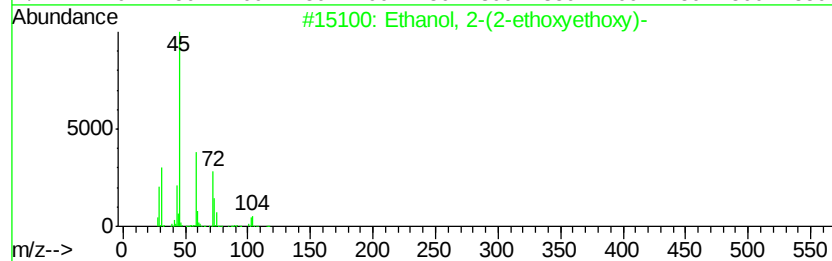
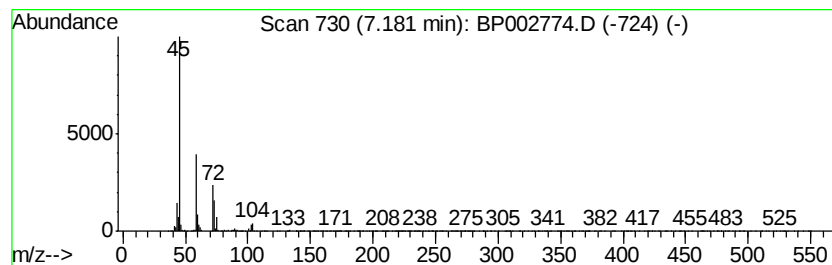
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	2.25 ng	148687	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Diethyl carbitol	162	C8H18O3	000112-36-7	72
3		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4		2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	43
5		Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	42



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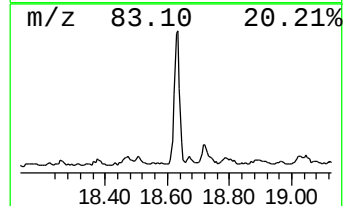
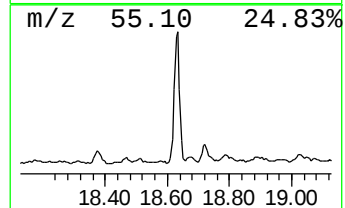
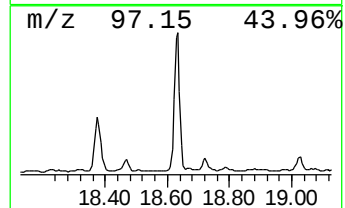
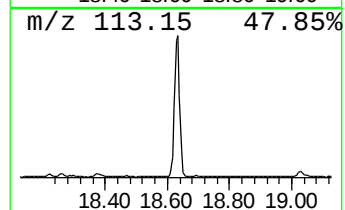
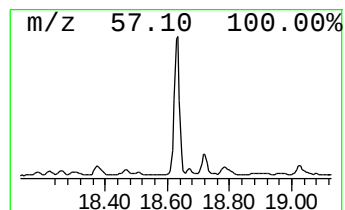
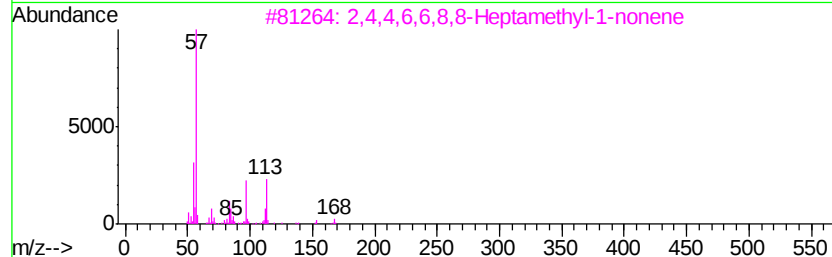
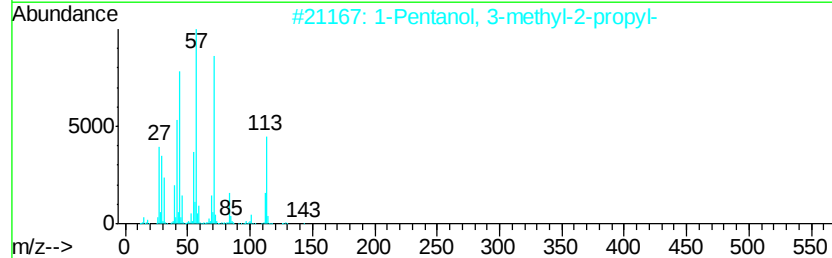
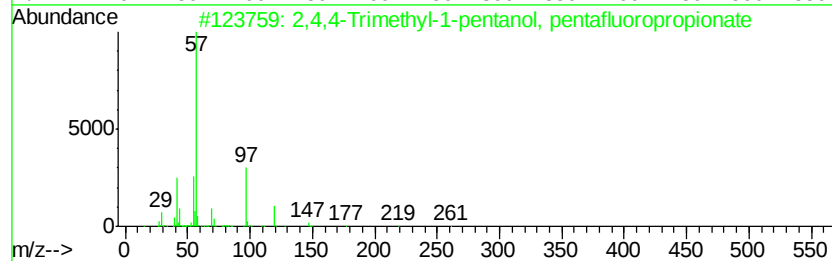
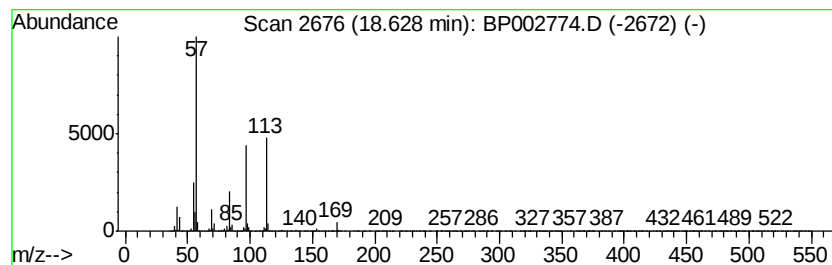
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown18.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.71 ng	609316	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38		
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33		
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32		
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25		
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	22		



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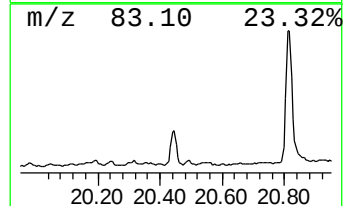
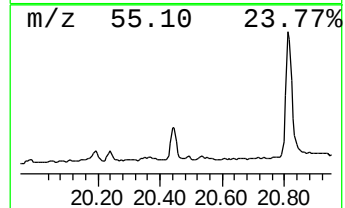
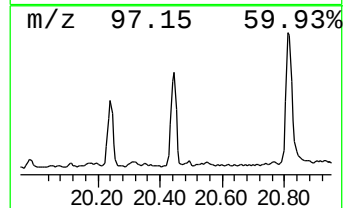
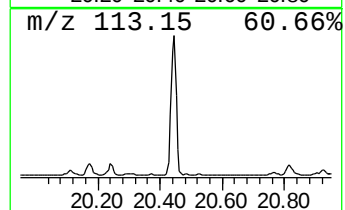
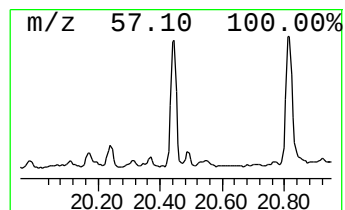
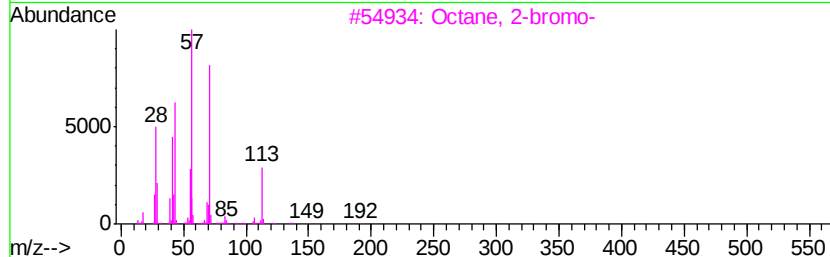
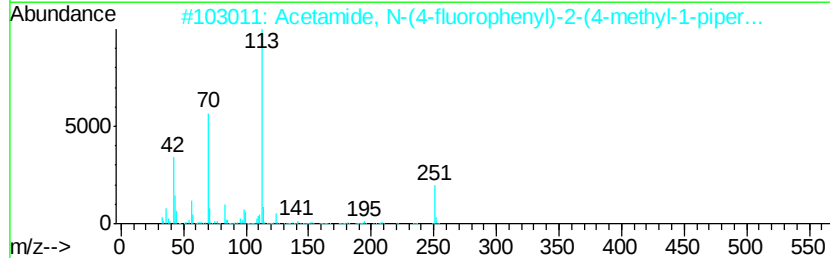
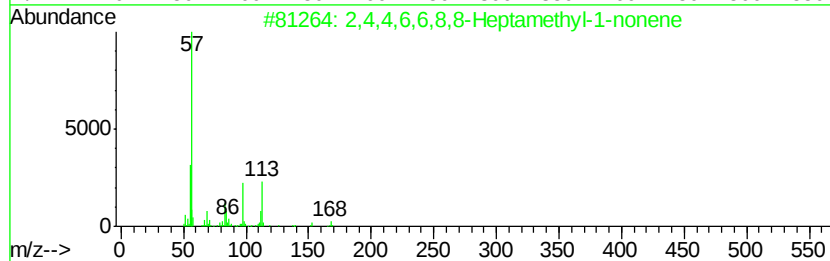
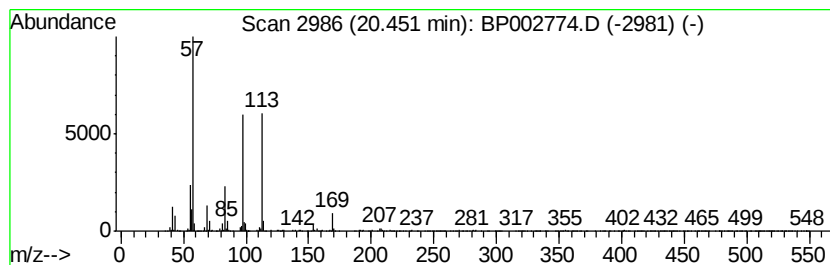
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown20.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	2.84 ng	281959	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	43
2		Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	27
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
4		2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
5		5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25



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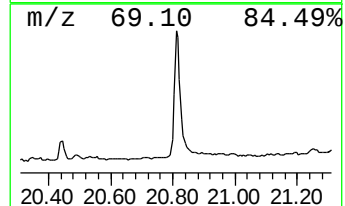
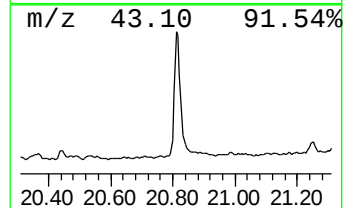
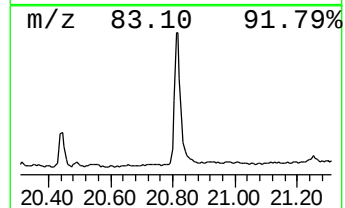
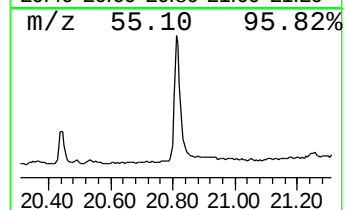
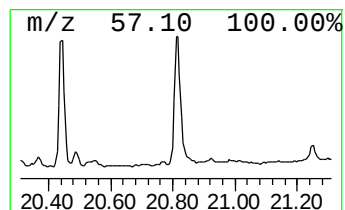
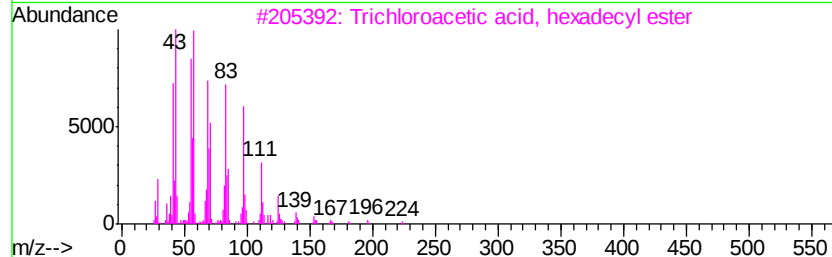
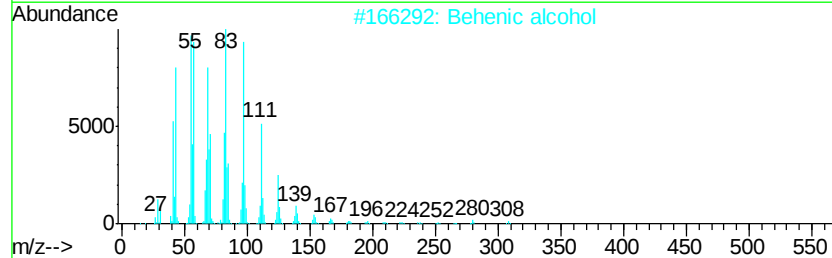
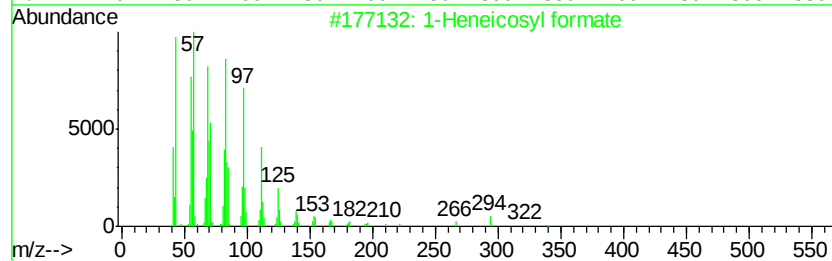
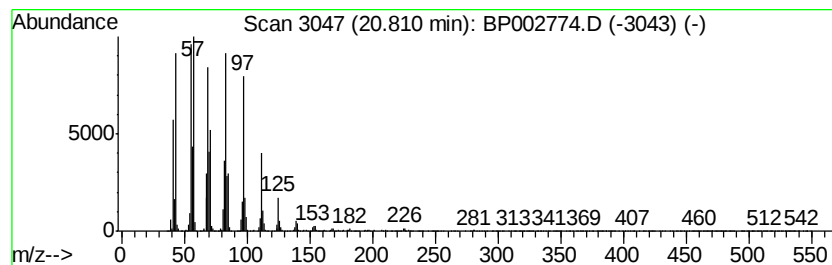
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	11.43 ng	1134090	Chrysene-d12	21.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	95
2	Behenic alcohol		326	C22H46O	000661-19-8	94
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
5	1-Nonadecene		266	C19H38	018435-45-5	91



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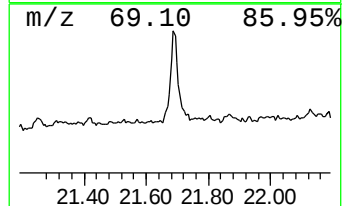
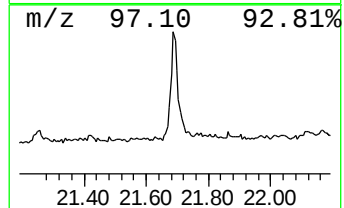
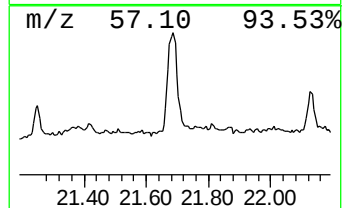
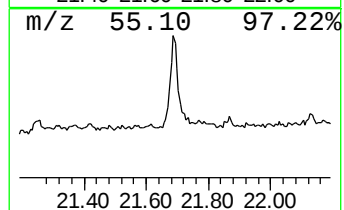
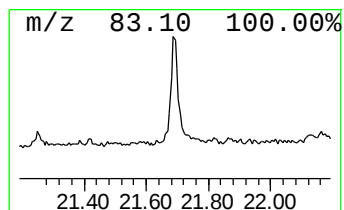
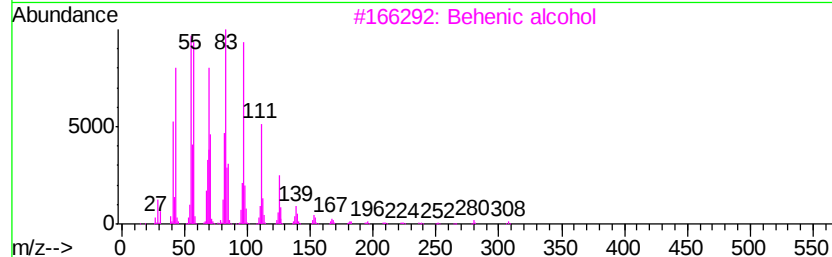
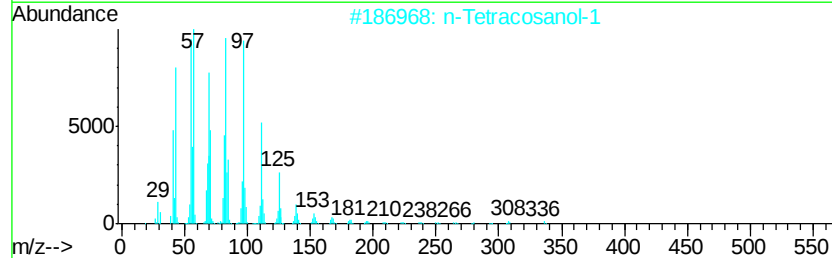
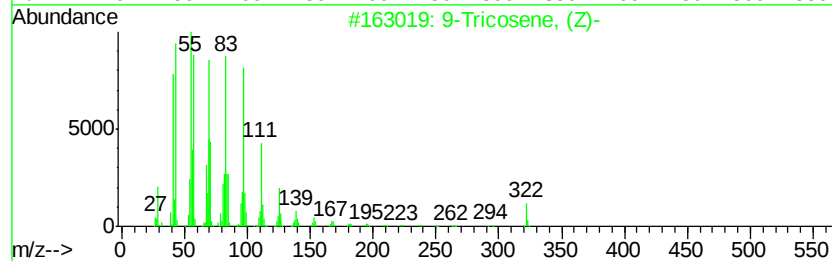
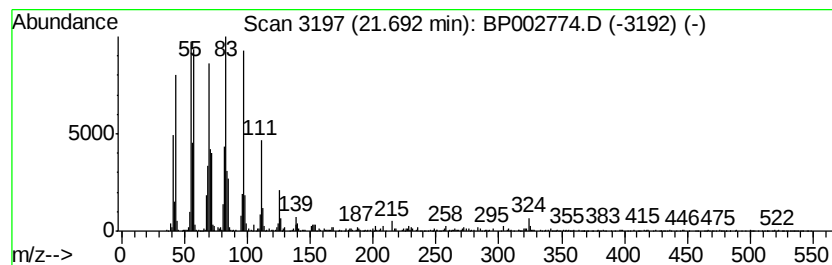
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Peak Number 5 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	4.51 ng	447619	Chrysene-d12	21.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002774.D
Acq On : 16 Jul 2020 16:14
Operator : CG/JU
Sample : L3308-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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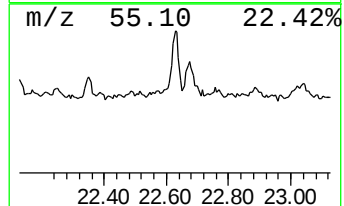
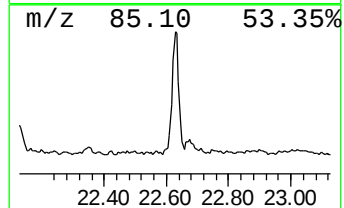
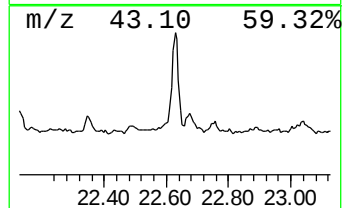
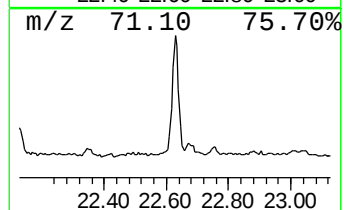
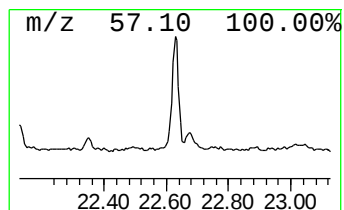
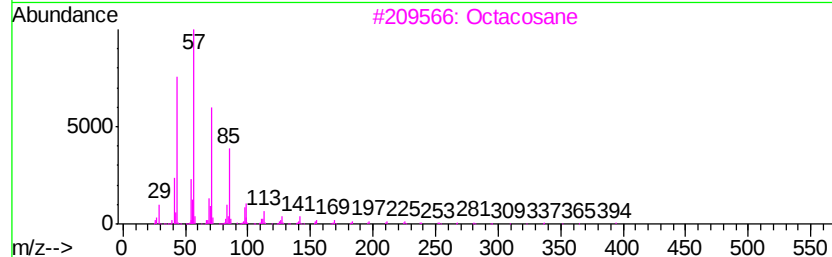
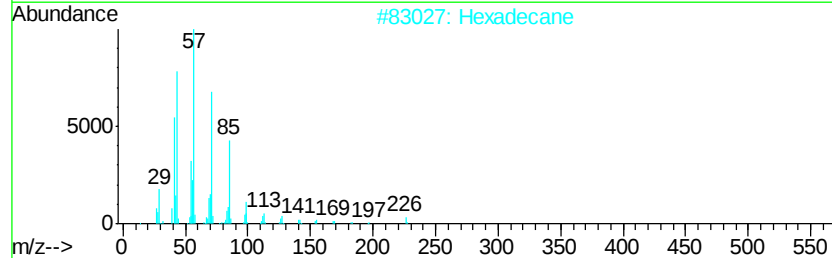
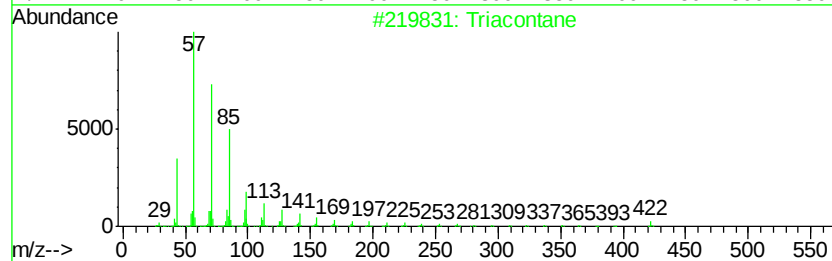
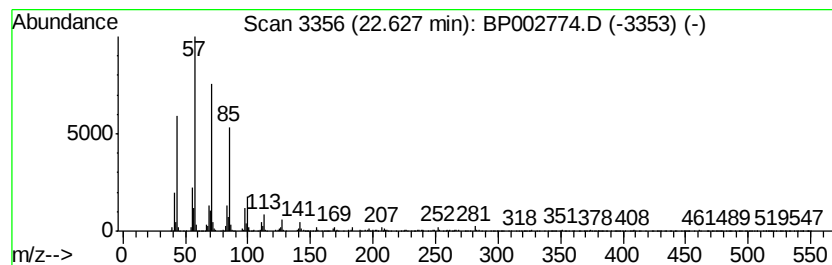
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.15 ng	271338	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Octacosane	394	C28H58	000630-02-4	89
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002774.D
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Operator : CG/JU
Sample : L3308-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2

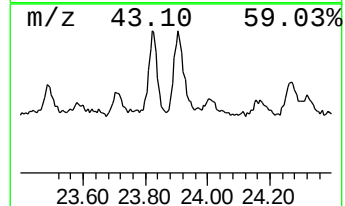
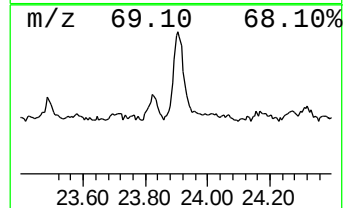
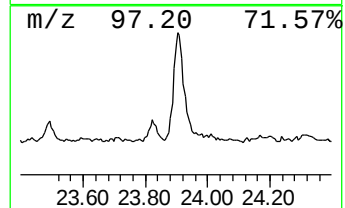
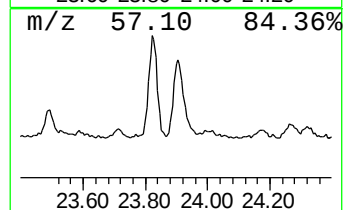
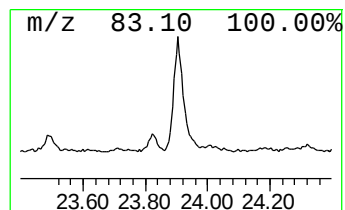
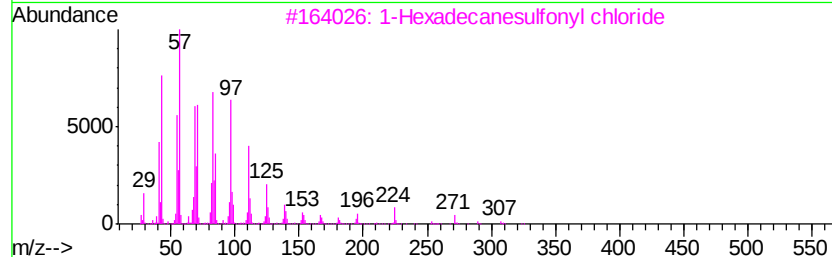
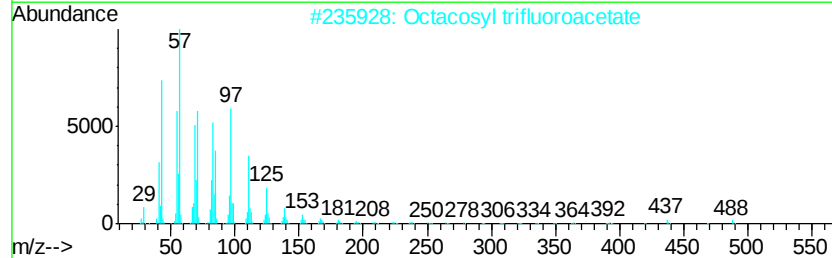
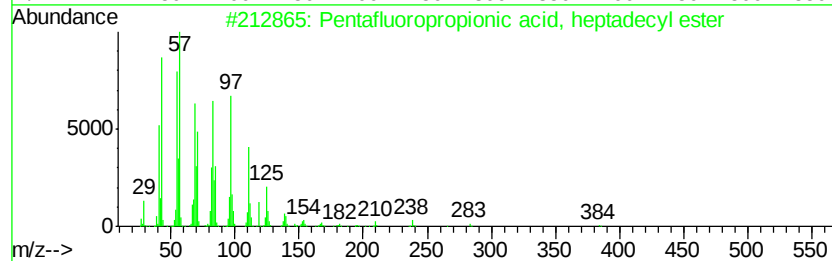
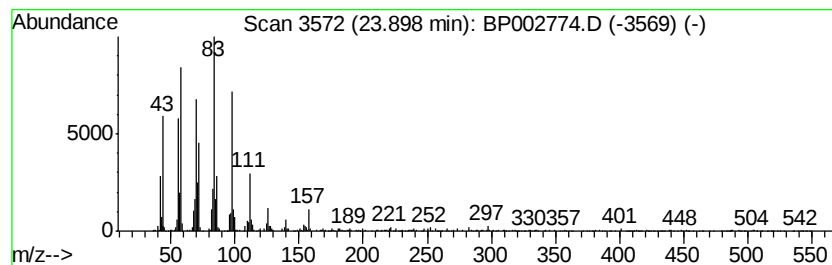
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	5.13 ng	442084	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	62
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	55
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	53
4		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	49
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	49



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.18	2.3	ng	148687	1	7.56	1324310	20.0
unknown18.63	18.63	4.7	ng	609316	4	16.97	2585540	20.0
unknown20.45	20.45	2.8	ng	281959	5	21.08	1984070	20.0
1-Heneicosyl formate	20.81	11.4	ng	1134090	5	21.08	1984070	20.0
9-Tricosene, (Z)-	21.69	4.5	ng	447619	5	21.08	1984070	20.0
Triacontane	22.63	3.1	ng	271338	6	23.27	1723280	20.0
Pentafluoropropio...	23.90	5.1	ng	442084	6	23.27	1723280	20.0