LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131758.D
Acq On : 21 Dec 2022 22:01
Operator : CG\JU
Sample : N6071-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

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_F\Methods\8270-BF122022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131758.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	6	14	20	rVB	239683	316594	8.27%	1.359%
2	5.087	505	510	521	rVB	326648	449760	11.74%	1.931%
3	5.487	573	578	581	rBV	2841893	2803907	73.20%	12.039%
4	6.498	744	750	753	rBV	2592362	2891337	75.49%	12.414%
5	6.863	808	812	815	rBV	642771	512692	13.39%	2.201%
6	7.434	903	909	912	rBV	1820832	1872131	48.88%	8.038%
7	8.151	1026	1031	1035	rBV	822544	690423	18.03%	2.964%
8	9.234	1209	1215	1218	rBV	3709396	3370662	88.00%	14.472%
9	9.916	1325	1331	1334	rBV	979325	855280	22.33%	3.672%
10	10.633	1448	1453	1456	rBV	246225	189662	4.95%	0.814%
11	10.710	1460	1466	1469	rBV	2491734	2156000	56.29%	9.257%
12	11.410	1581	1585	1588	rBV	1007282	929226	24.26%	3.990%
13	11.933	1664	1674	1682	rBV2	174779	166950	4.36%	0.717%
14	13.004	1851	1856	1859	rBV	4259734	3830321	100.00%	16.446%
15	13.439	1926	1930	1934	rBV	121355	150215	3.92%	0.645%
16	14.057	2026	2035	2039	rBV	905327	870899	22.74%	3.739%
17	14.151	2047	2051	2060	rVB	127440	145737	3.80%	0.626%
18	14.833	2161	2167	2173	rBV2	50874	90801	2.37%	0.390%
19	15.180	2222	2226	2231	rBV	51118	58765	1.53%	0.252%
20	15.551	2284	2289	2302	rBV	469759	679670	17.74%	2.918%
21	16.021	2364	2369	2374	rBV	51571	72987	1.91%	0.313%
22	16.545	2451	2458	2465	rBV2	42954	78449	2.05%	0.337%
23	17.151	2554	2561	2573	rBV3	25644	61405	1.60%	0.264%
24	17.880	2676	2685	2694	rBV5	17329	46559	1.22%	0.200%

Sum of corrected areas: 23290432

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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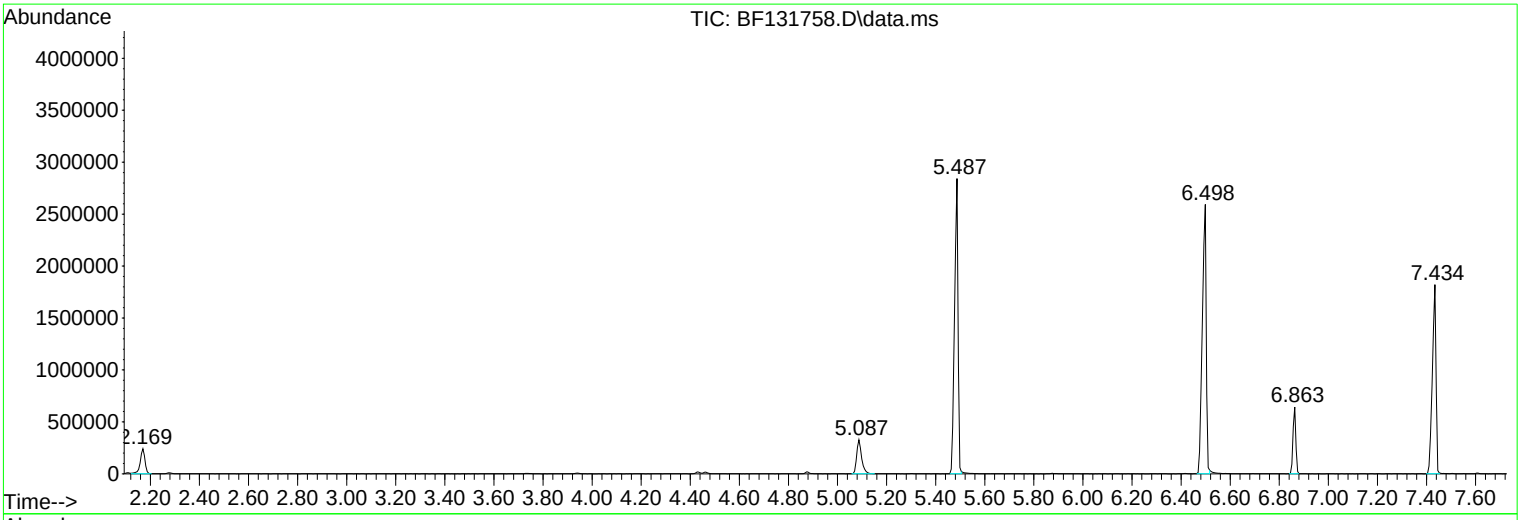
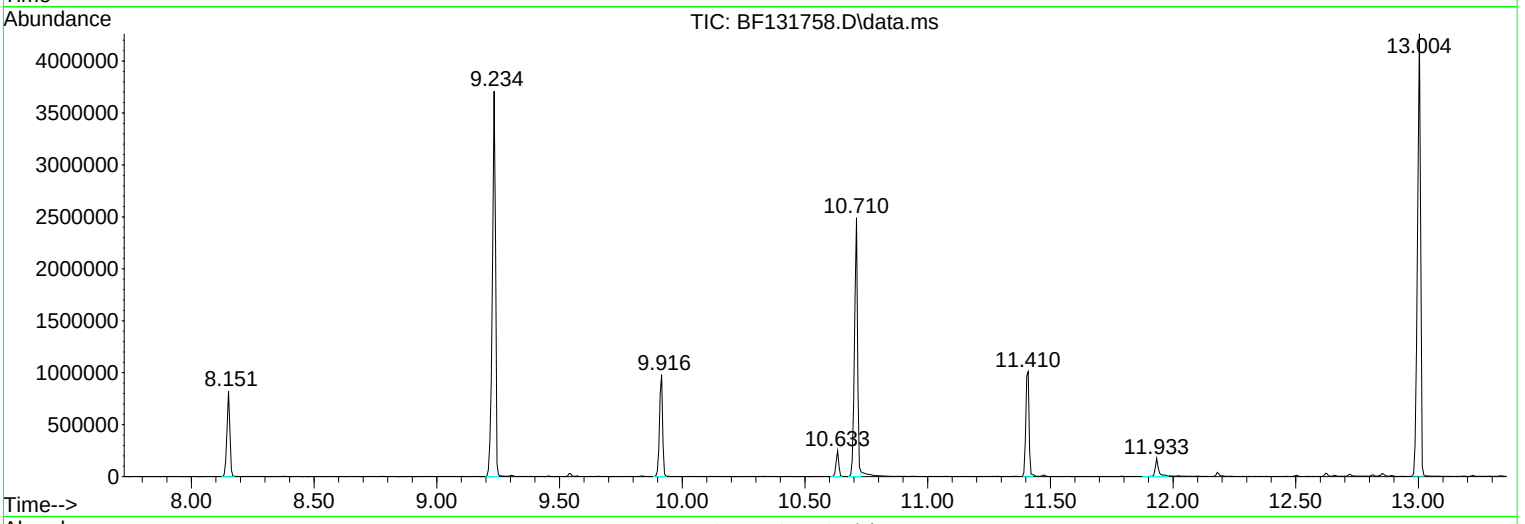
Misc :
ALS Vial : 12 Sample Multiplier: 1

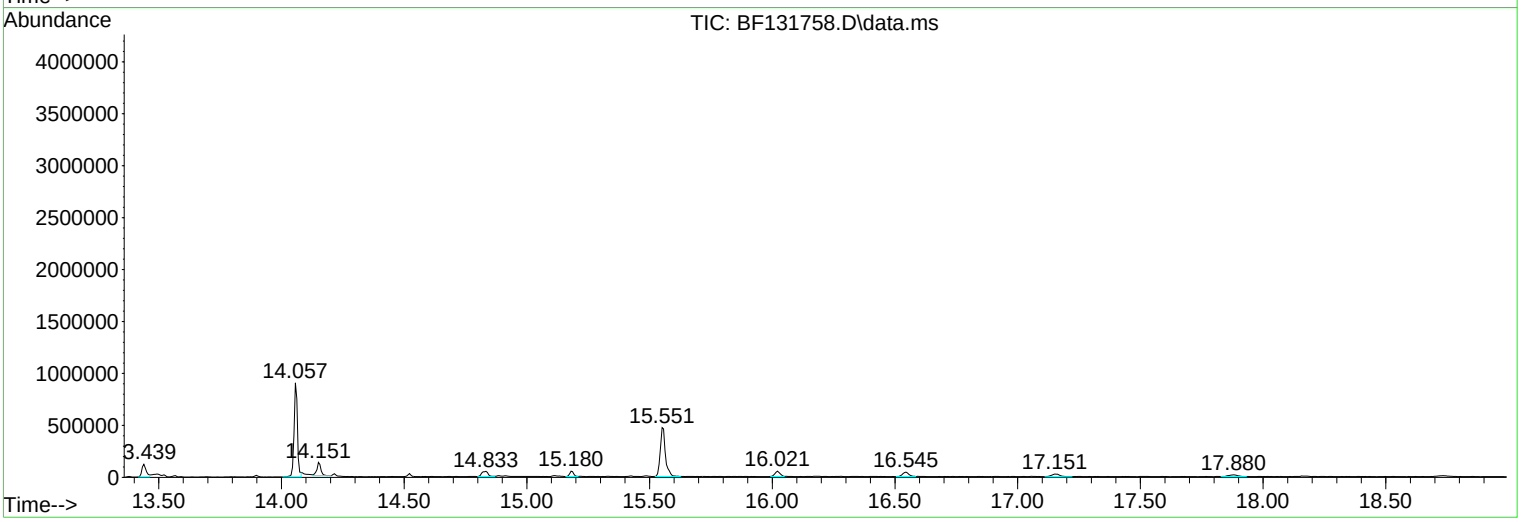
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Operator : CG\JU
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Instrument :
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ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

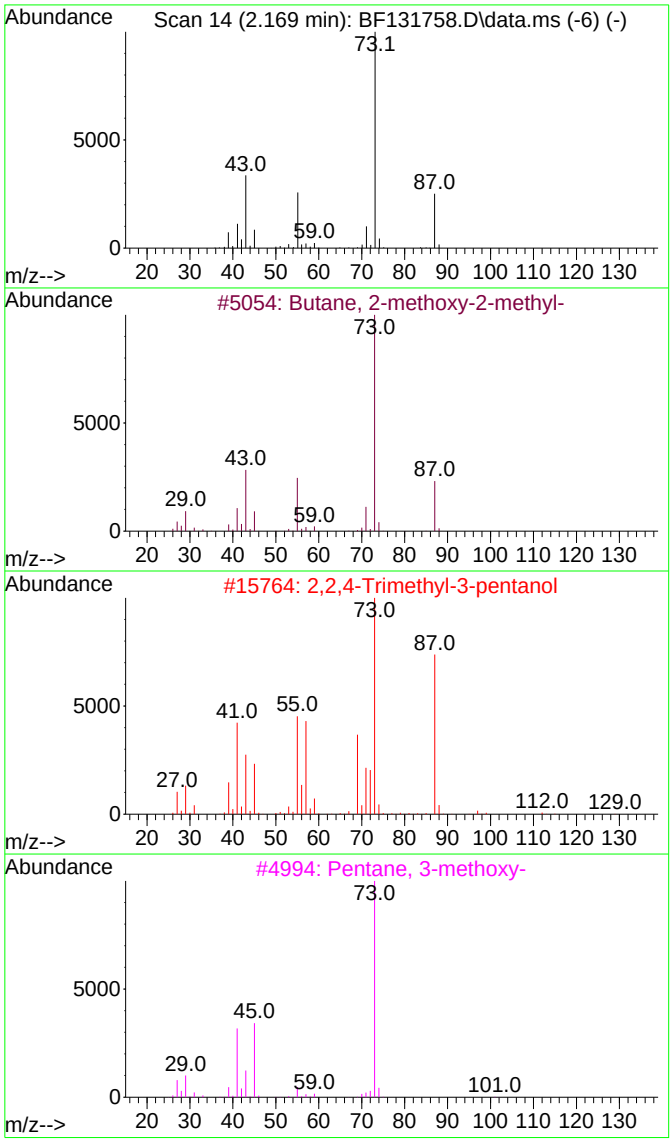
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

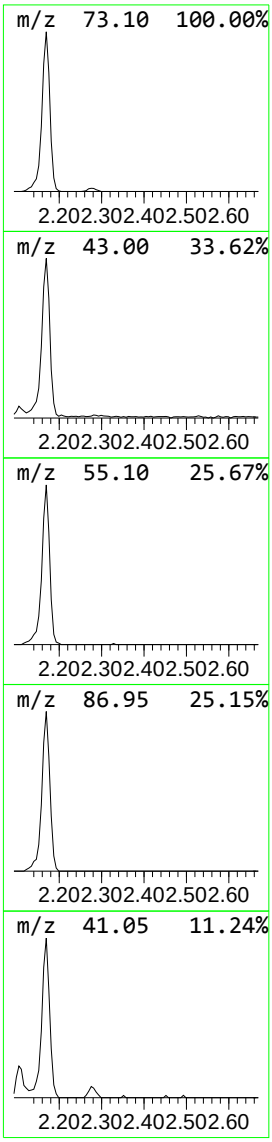
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	12.35 ng	316594	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BF131758.D
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Operator : CG\JU
Sample : N6071-11
Misc :
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Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

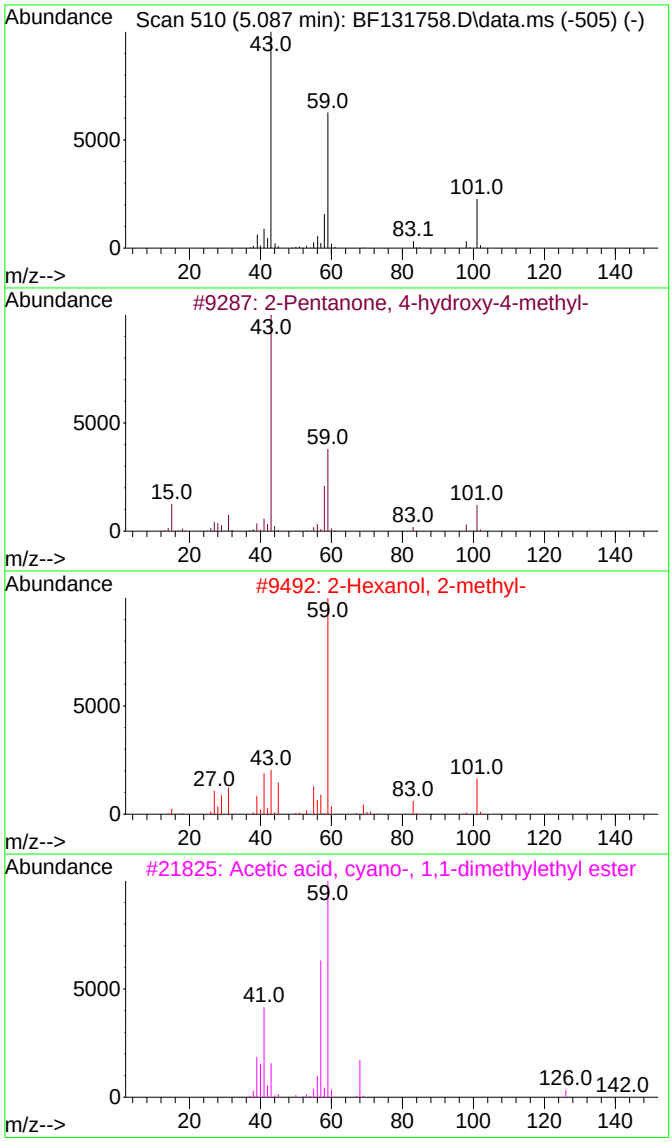
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

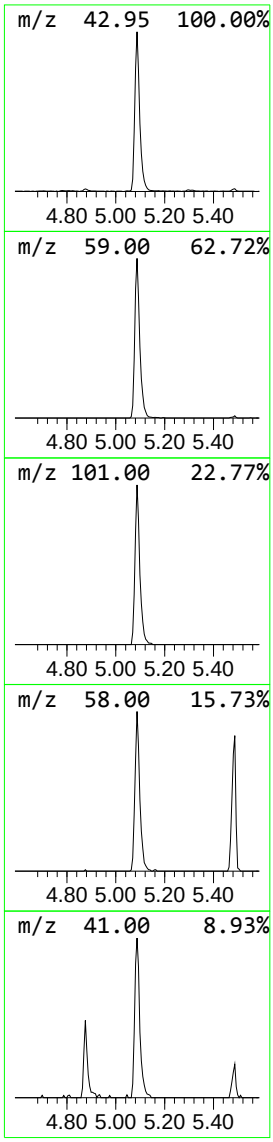
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	17.55 ng	449760	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : CG\JU
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

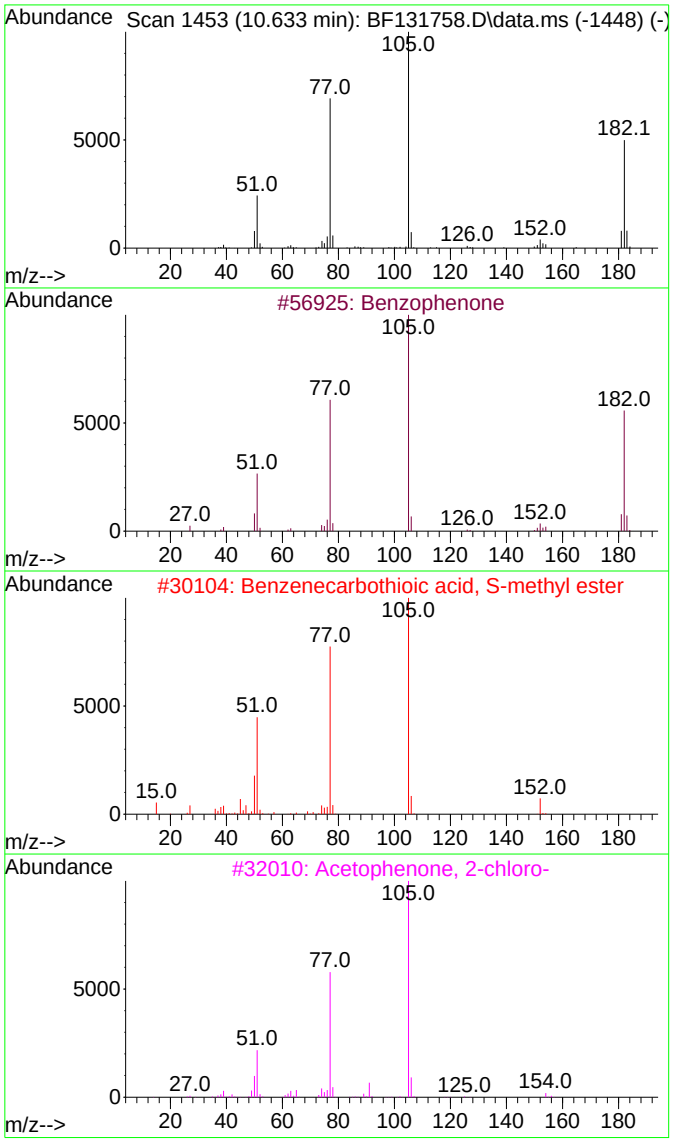
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

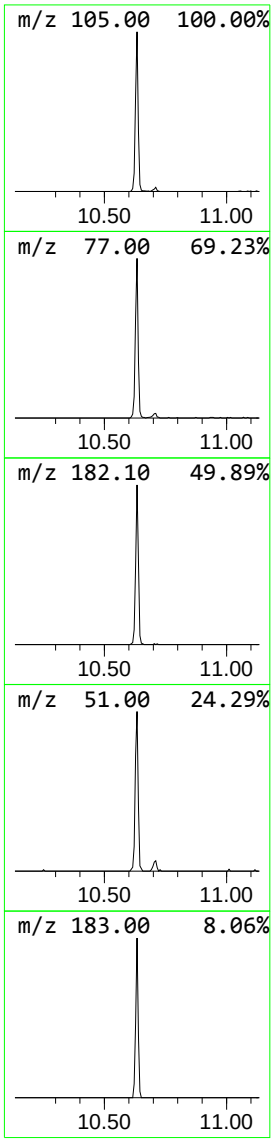
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.44 ng	189662	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47





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Operator : CG\JU
Sample : N6071-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

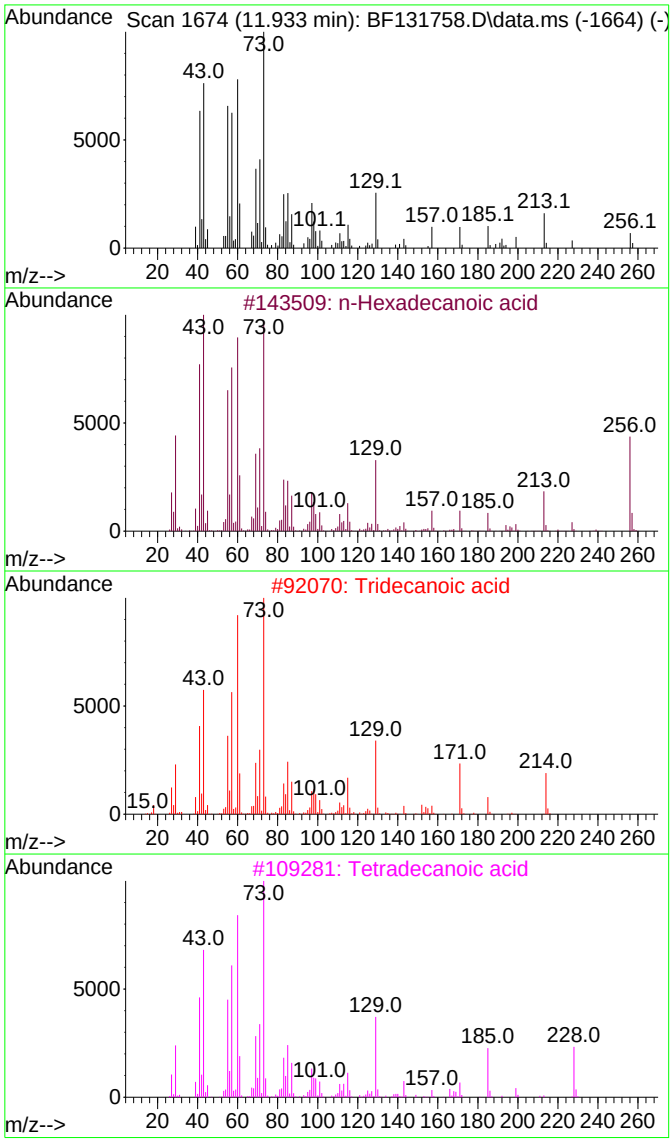
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

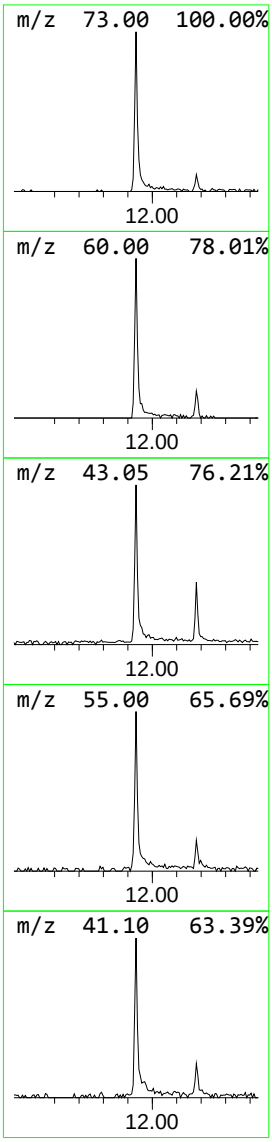
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.59 ng	166950	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Sample : N6071-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

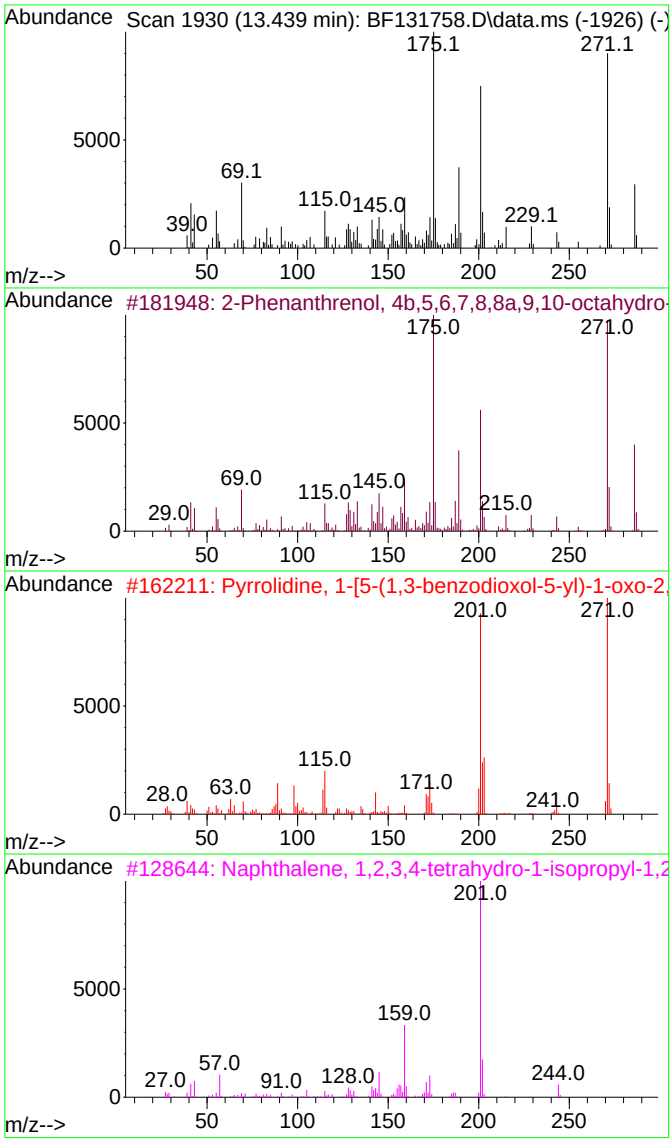
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

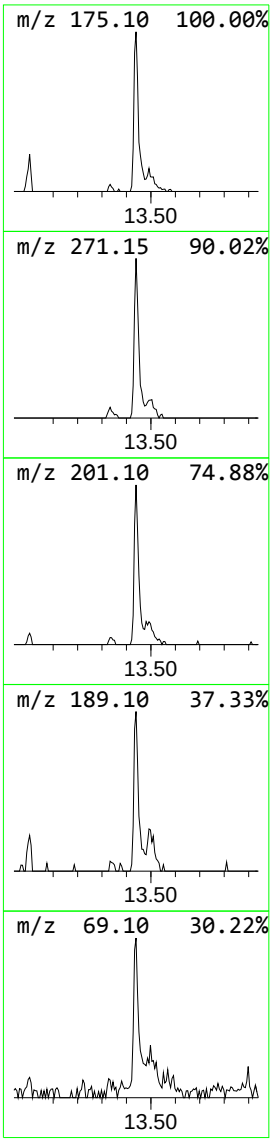
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	3.45 ng	150215	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	45
3	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	35
4	2,5,7-Trimethyl-4(1H)-quinolinon...	201	C13H15NO	1000497-22-7	25
5	n-Hexyl-6-methoxy-4-methyl-8-qui...	272	C17H24N2O	083547-16-4	18





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Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

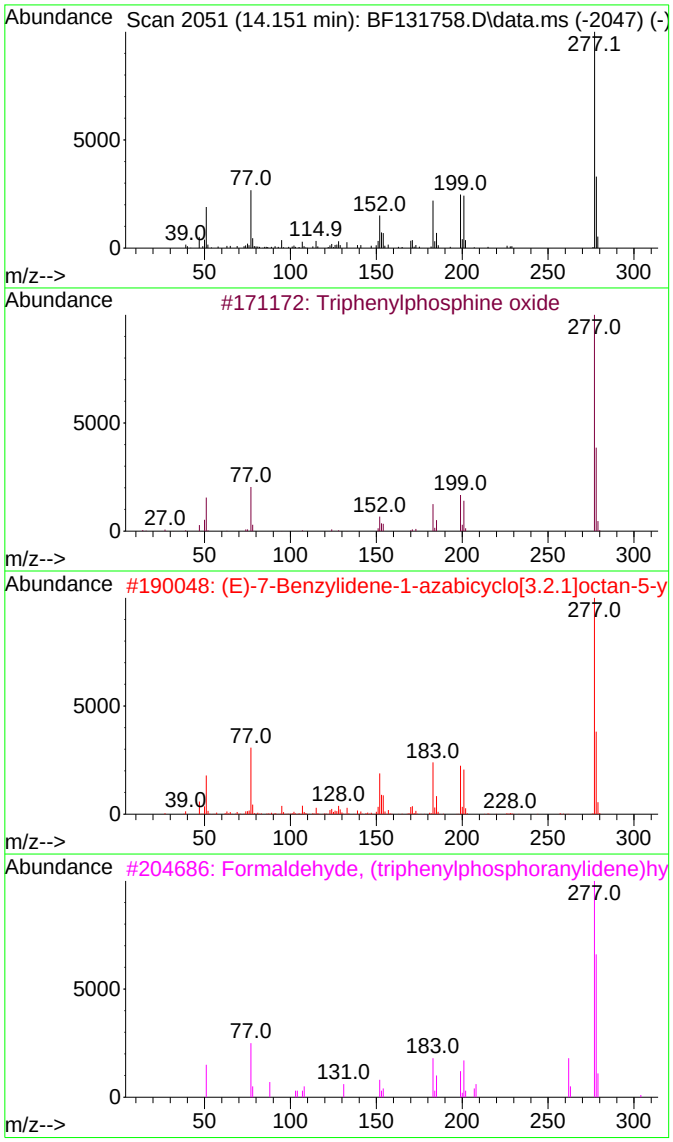
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

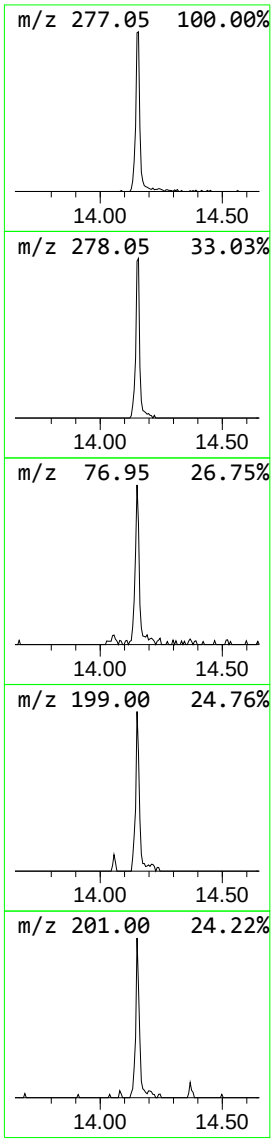
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	3.35 ng	145737	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





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Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

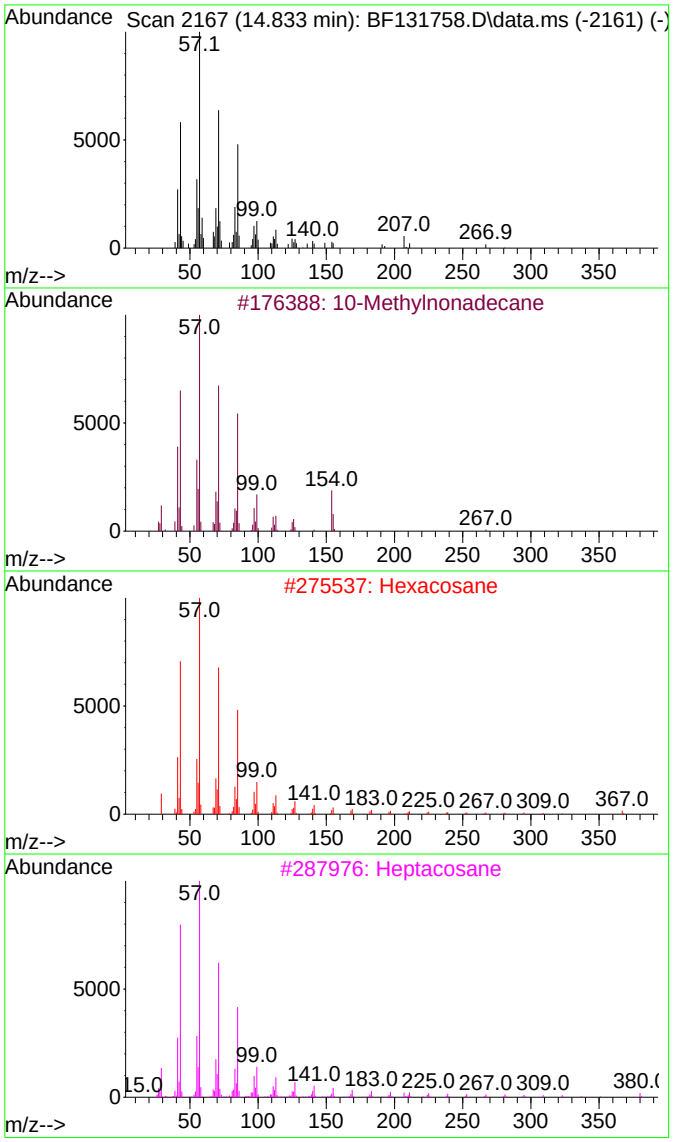
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

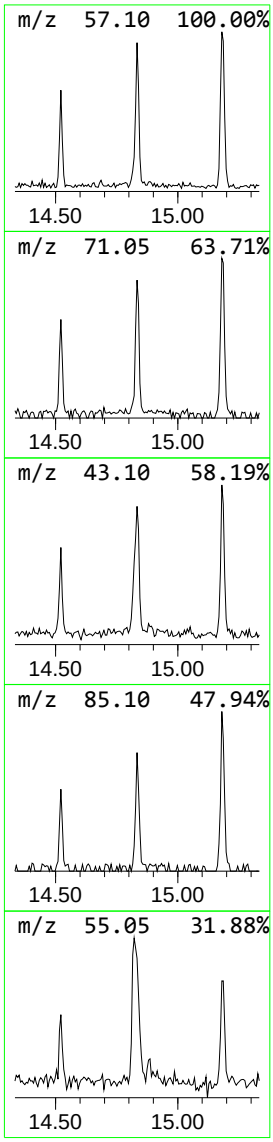
****

Peak Number 7 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	2.67 ng	90801	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	74
2	Hexacosane	366	C26H54	000630-01-3	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Octacosane	394	C28H58	000630-02-4	72





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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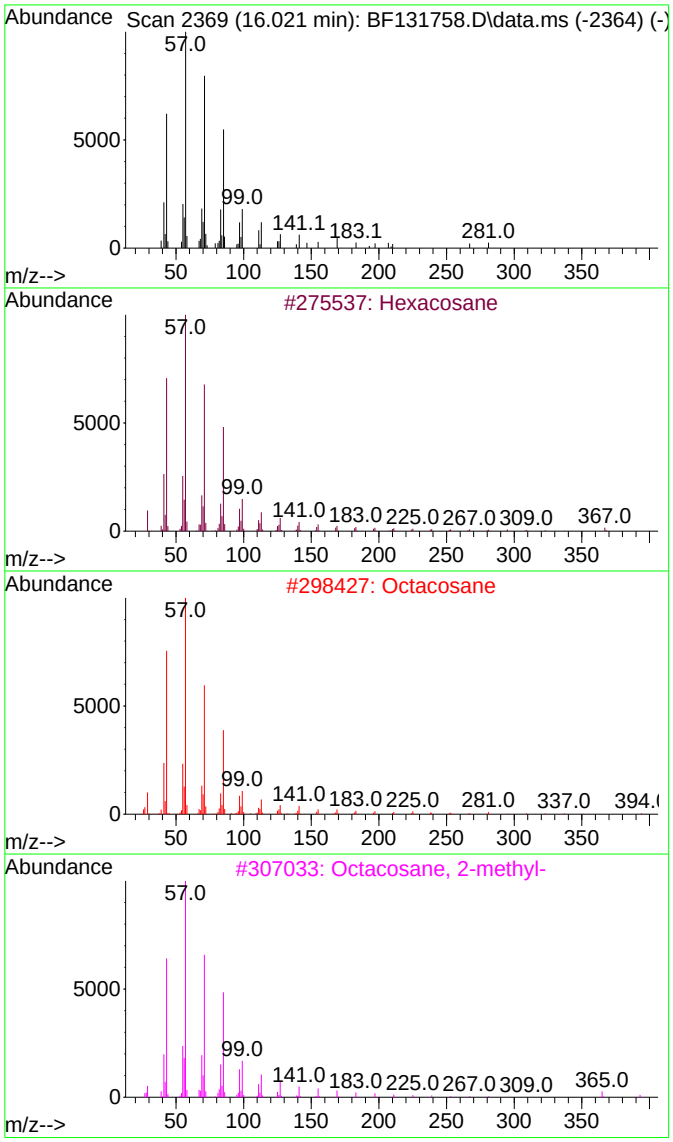
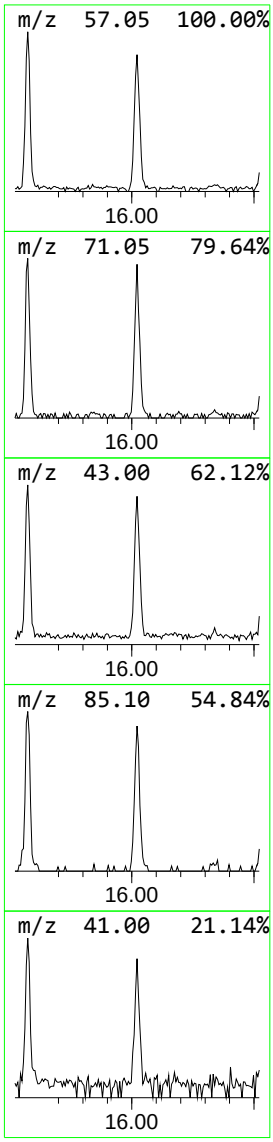
Peak Number 8 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.021	2.15 ng	72987	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

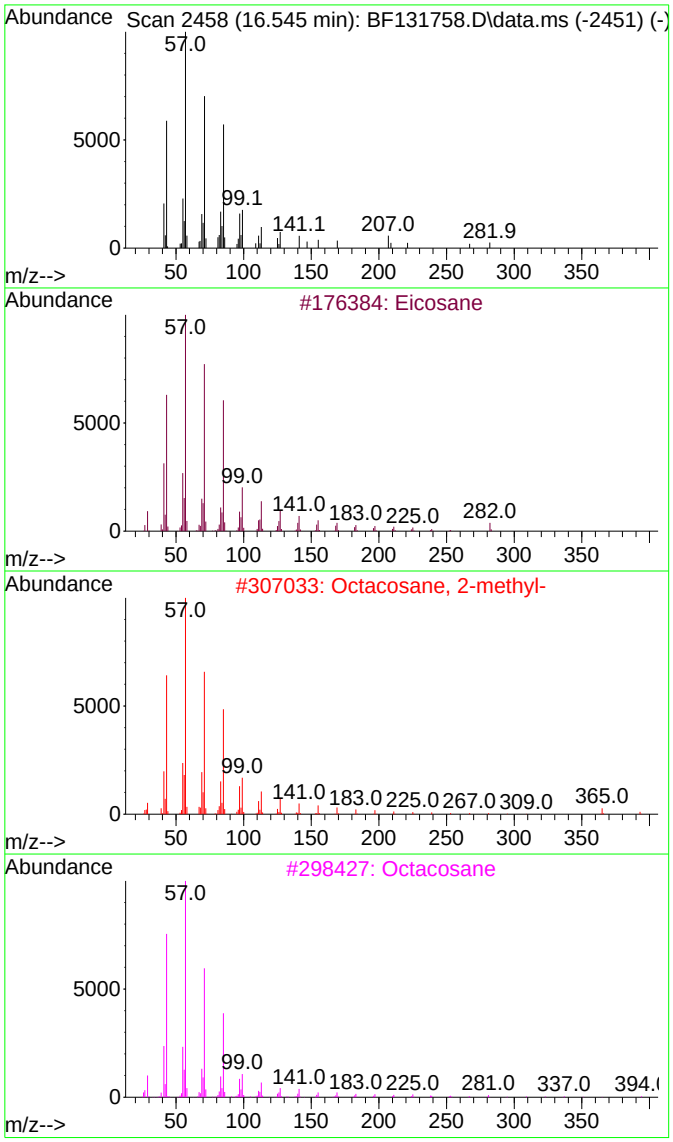
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

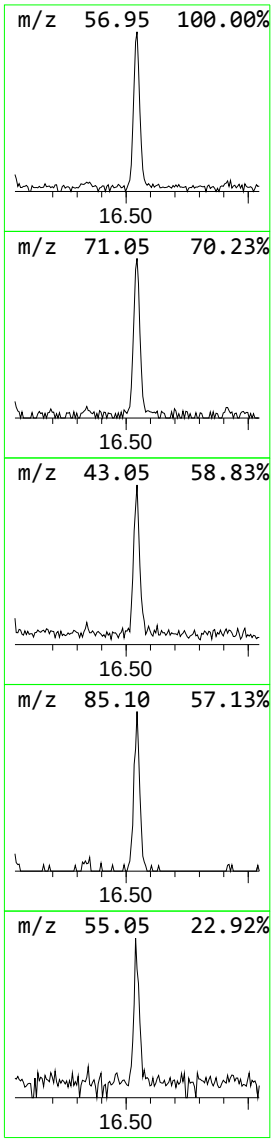
****

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	2.31 ng	78449	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Heneicosane	296	C21H44	000629-94-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131758.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.169	12.4	ng	316594	1	6.863	512692	20.0
2-Pentanone, 4-...	5.087	17.6	ng	449760	1	6.863	512692	20.0
Benzophenone	10.634	4.4	ng	189662	3	9.916	855280	20.0
n-Hexadecanoic ...	11.933	3.6	ng	166950	4	11.410	929226	20.0
2-Phenanthrenol...	13.439	3.5	ng	150215	5	14.057	870899	20.0
Triphenylphosph...	14.151	3.4	ng	145737	5	14.057	870899	20.0
10-Methylnonade...	14.833	2.7	ng	90801	6	15.551	679670	20.0
Hexacosane	16.021	2.1	ng	72987	6	15.551	679670	20.0
Eicosane	16.545	2.3	ng	78449	6	15.551	679670	20.0