LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025573.D
Acq On : 25 Aug 2025 20:33
Operator : CG/JU
Sample : Q2949-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
367

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\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rBV	1052392	1200090	15.00%	2.284%
2	4.937	334	340	349	rBV	350463	499420	6.24%	0.950%
3	5.402	413	419	435	rBV	1866063	2824131	35.29%	5.374%
4	6.966	677	685	702	rBV	1834397	3042271	38.02%	5.789%
5	7.778	815	823	831	rBV	660061	1073796	13.42%	2.043%
6	8.913	1009	1016	1028	rBV	1148484	1988894	24.86%	3.785%
7	10.548	1284	1294	1307	rBV	829330	1477920	18.47%	2.812%
8	13.001	1704	1711	1726	rBV	3134728	4633196	57.90%	8.816%
9	14.195	1909	1914	1927	rBV	60129	137256	1.72%	0.261%
10	14.389	1940	1947	1964	rBV	1408707	2018204	25.22%	3.840%
11	15.760	2175	2180	2188	rBV	462274	696709	8.71%	1.326%
12	15.895	2196	2203	2210	rBV	2494510	4037134	50.45%	7.682%
13	16.136	2239	2244	2249	rBV	289405	381960	4.77%	0.727%
14	16.342	2274	2279	2290	rVB	97912	163722	2.05%	0.312%
15	16.489	2298	2304	2312	rBV2	247294	464923	5.81%	0.885%
16	16.948	2378	2382	2389	rVB2	56181	85662	1.07%	0.163%
17	17.177	2413	2421	2428	rBV	1773812	2585771	32.32%	4.920%
18	17.242	2428	2432	2437	rVV	203356	341234	4.26%	0.649%
19	17.289	2437	2440	2449	rVB2	64641	112010	1.40%	0.213%
20	17.572	2484	2488	2495	rBV2	75667	129277	1.62%	0.246%
21	17.848	2531	2535	2538	rBV4	49780	80891	1.01%	0.154%
22	17.995	2554	2560	2567	rBV	200898	384128	4.80%	0.731%
23	18.119	2575	2581	2588	rBV	1766265	2632323	32.90%	5.009%
24	18.189	2588	2593	2600	rVB	732316	996021	12.45%	1.895%
25	18.430	2630	2634	2638	rBV6	55646	89418	1.12%	0.170%
26	19.177	2757	2761	2766	rBV	71576	109408	1.37%	0.208%
27	19.295	2777	2781	2783	rBV2	190966	263692	3.30%	0.502%
28	19.319	2783	2785	2797	rVB3	375679	806088	10.07%	1.534%
29	19.442	2802	2806	2812	rVV	431333	611520	7.64%	1.164%
30	19.901	2878	2884	2892	rVB	5678189	8001720	100.00%	15.226%
31	21.277	3114	3118	3129	rVB	651842	1196688	14.96%	2.277%
32	21.536	3157	3162	3168	rVB	2218353	3072764	38.40%	5.847%
33	21.618	3170	3176	3182	rBV	1914473	2966190	37.07%	5.644%
34	24.983	3741	3748	3762	rVB	1279475	3447550	43.09%	6.560%

Sum of corrected areas: 52551981

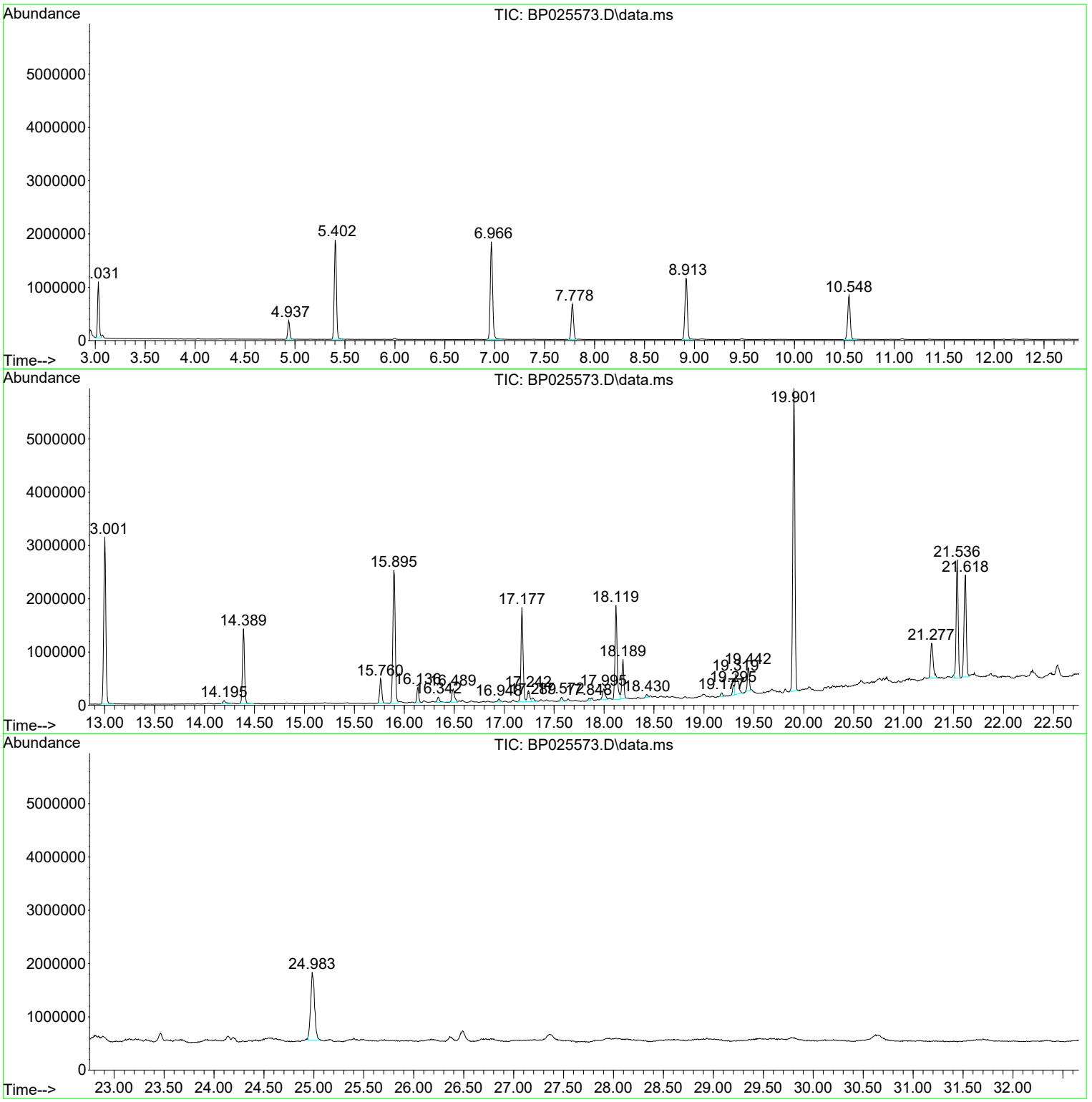
Instrument :
BNA_P
ClientSampleId :
367

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025573.D
Acq On : 25 Aug 2025 20:33
Operator : CG/JU
Sample : Q2949-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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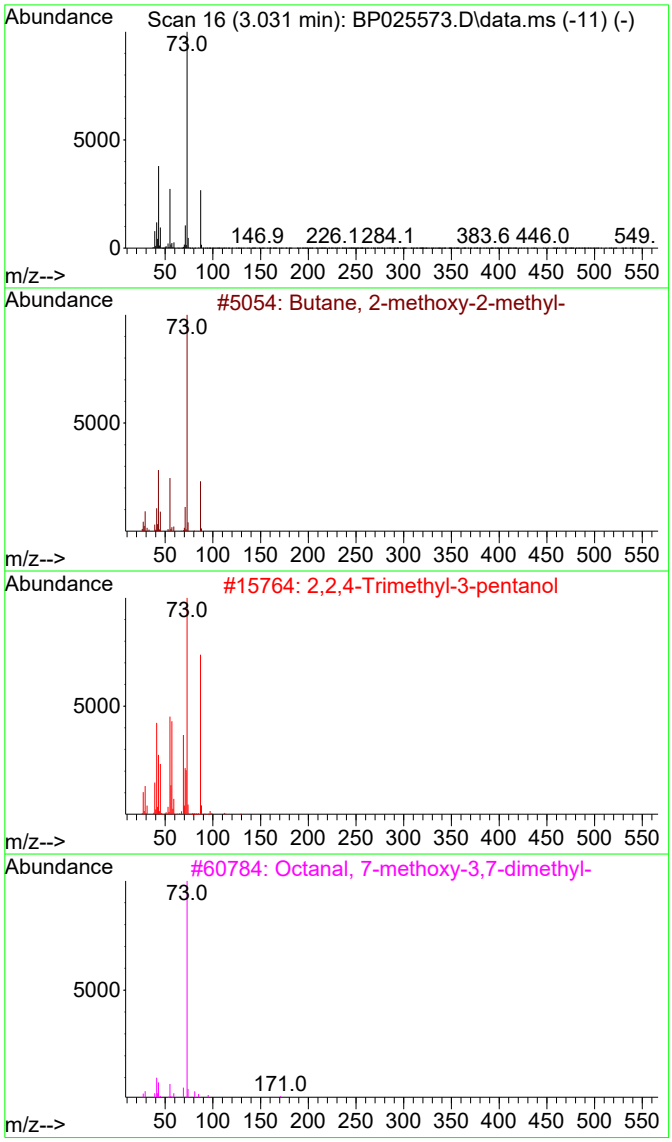
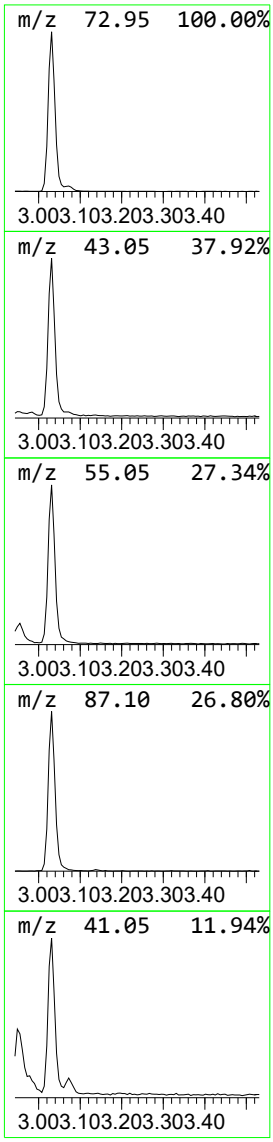
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	22.35 ng	1200090	1,4-Dichlorobenzene-d4	7.778

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	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Operator : CG/JU
Sample : Q2949-01
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Instrument :
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ClientSampleId :
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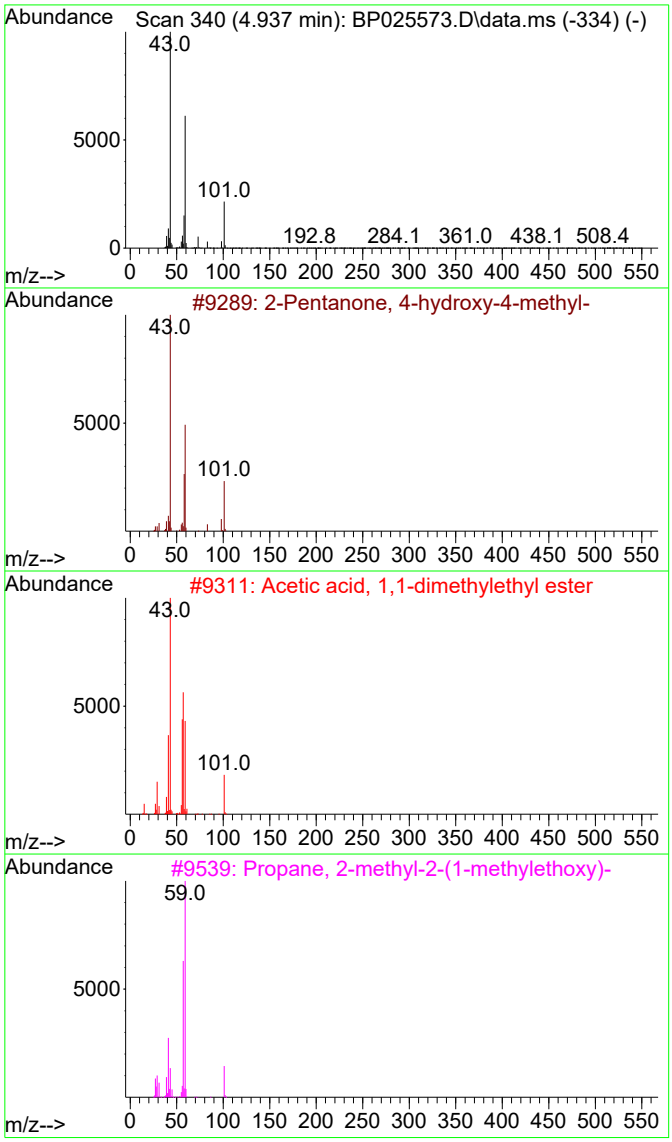
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

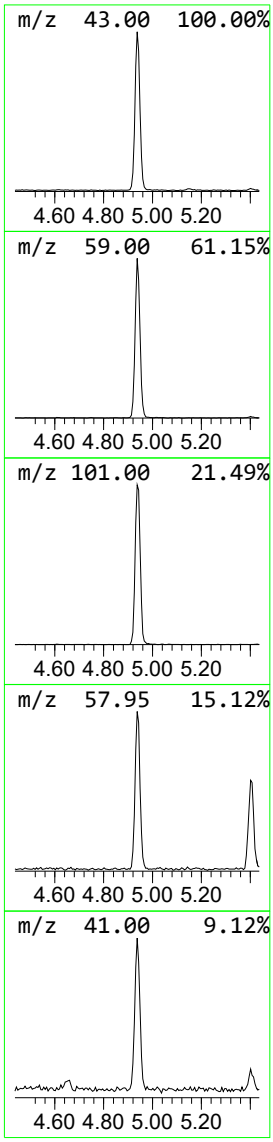
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	9.30 ng	499420	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23





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

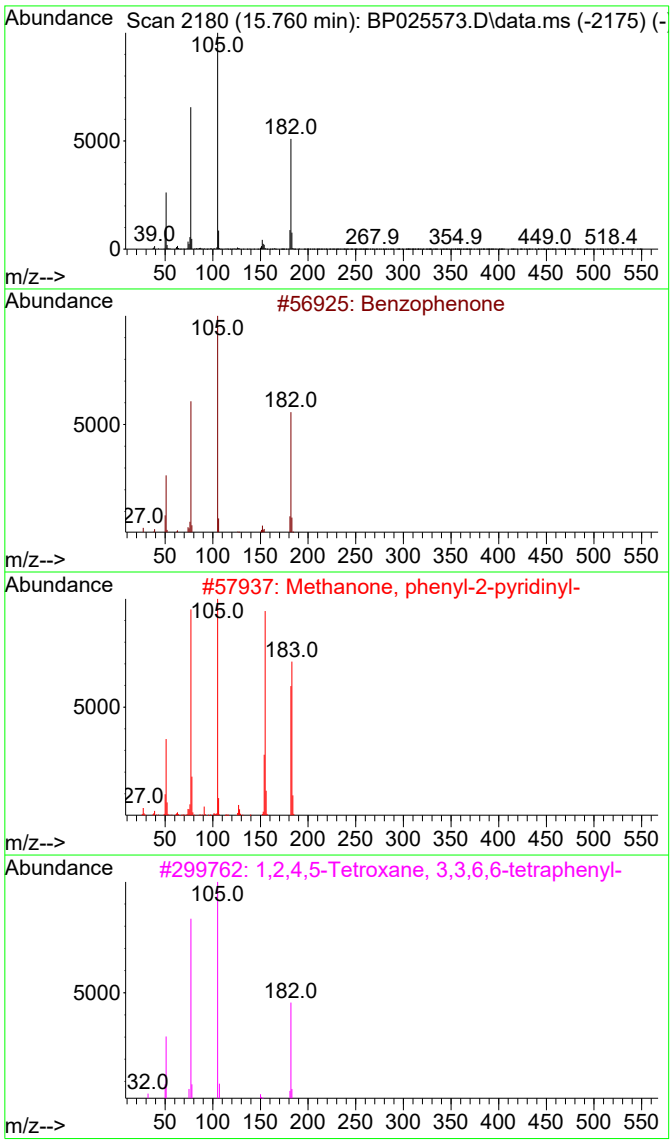
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

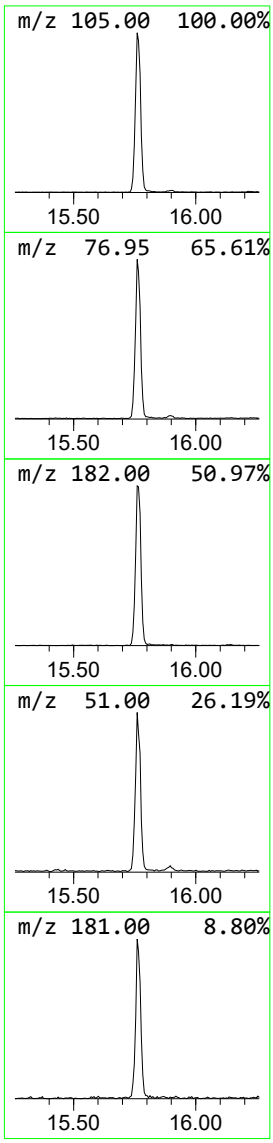
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	6.90 ng	696709	Acenaphthene-d10	14.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





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Acq On : 25 Aug 2025 20:33
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Instrument :
BNA_P
ClientSampleId :
367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

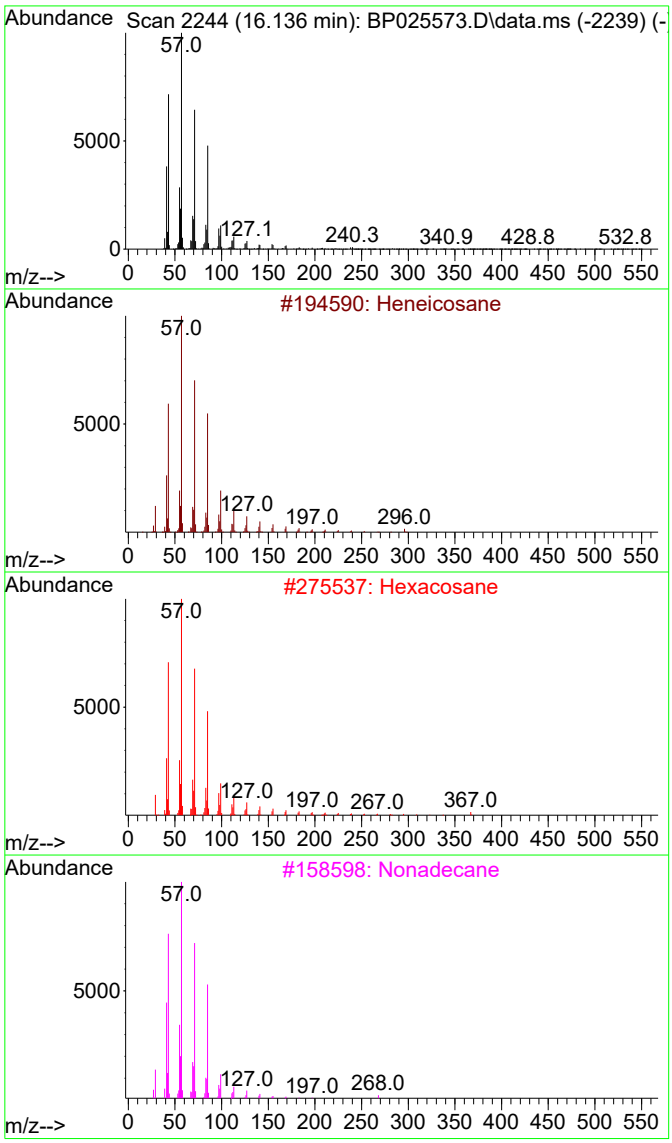
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

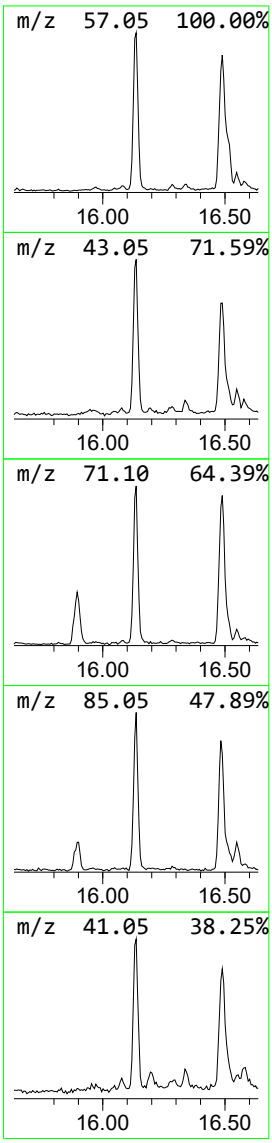
****

Peak Number 4 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.136	2.95 ng	381960	Phenanthrene-d10	17.177

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





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Operator : CG/JU
Sample : Q2949-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

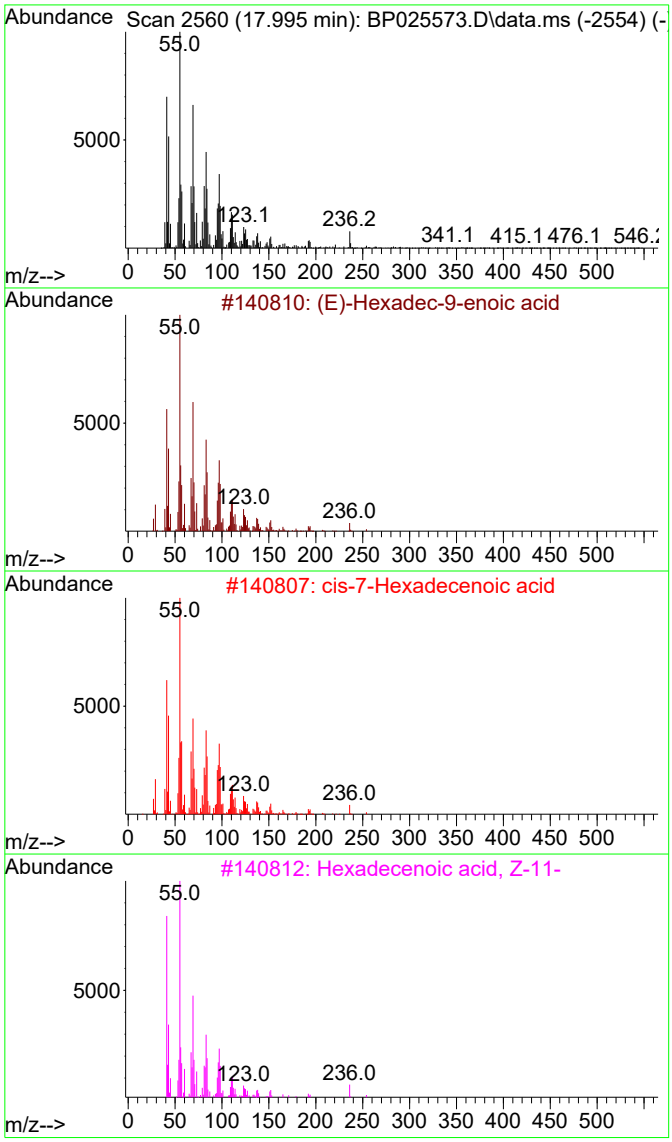
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

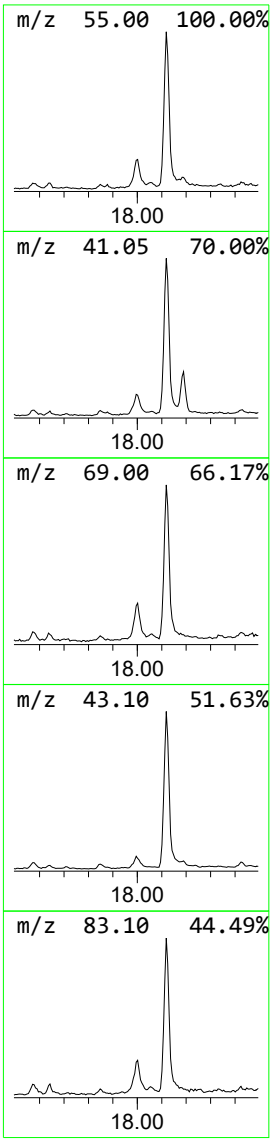
****

Peak Number 5 (E)-Hexadec-9-enoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	2.97 ng	384128	Phenanthrene-d10	17.177

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	95
4	Palmitoleic acid	254	C16H30O2	000373-49-9	95
5	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	94





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367

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TIC Library : C:\Database\NIST20.L
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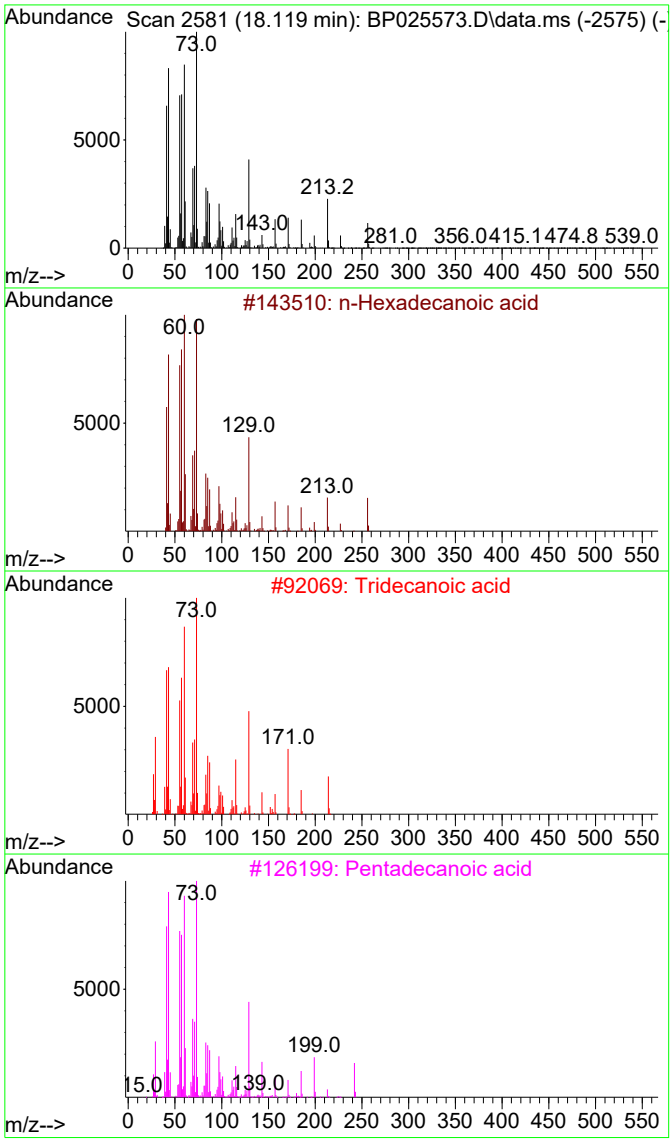
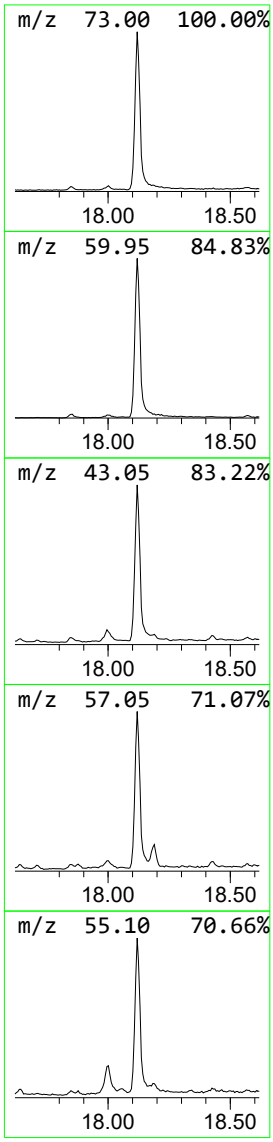
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	20.36 ng	2632320	Phenanthrene-d10	17.177

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Acq On : 25 Aug 2025 20:33
Operator : CG/JU
Sample : Q2949-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

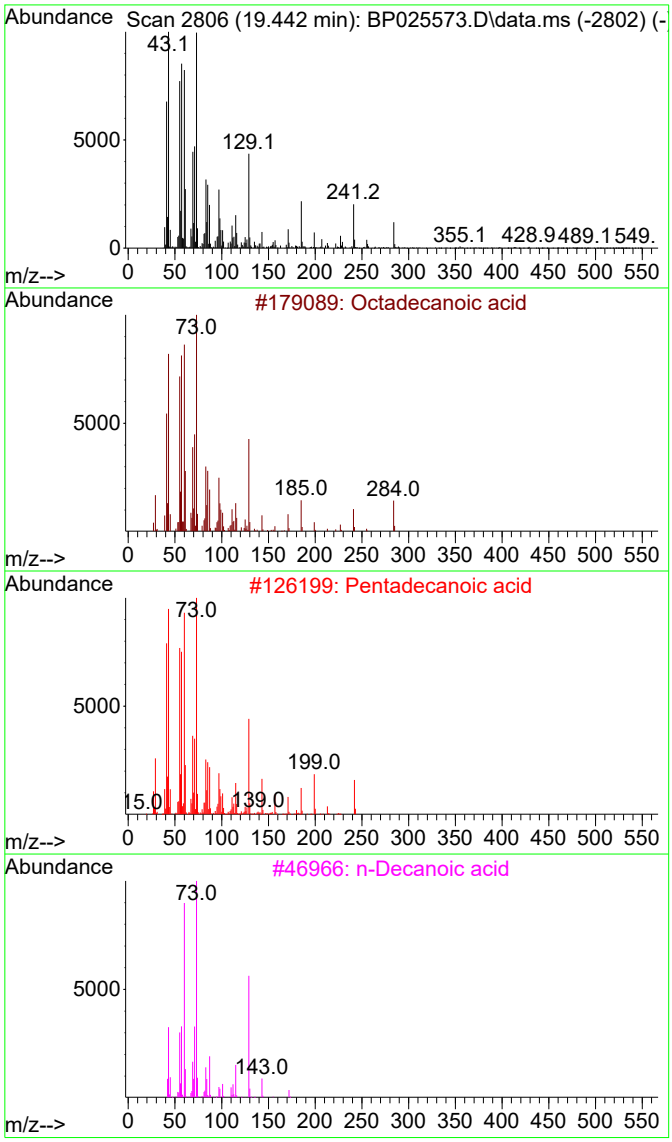
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

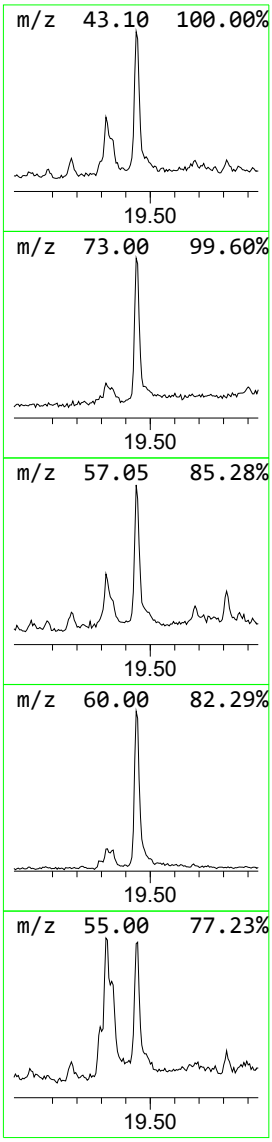
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	4.12 ng	611520	Chrysene-d12	21.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

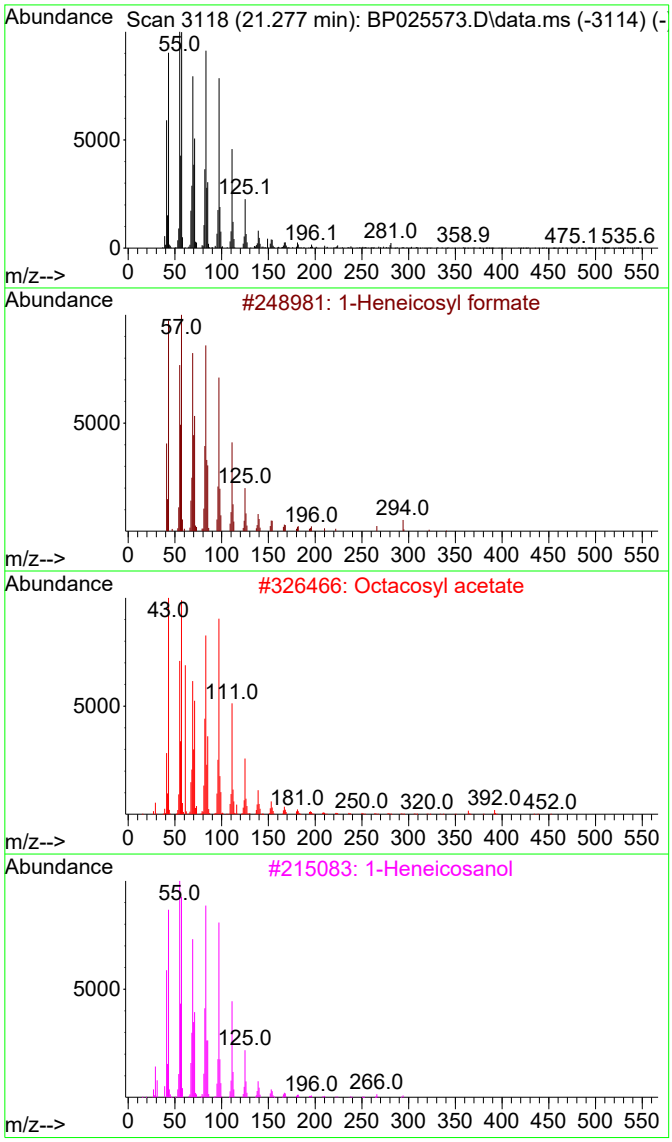
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

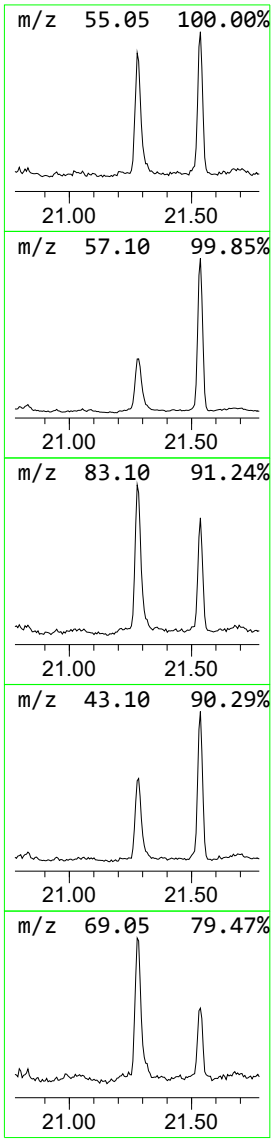
****

Peak Number 8 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	8.07 ng	1196690	Chrysene-d12	21.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	Octacosyl acetate	452	C30H60O2	018206-97-8	96
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Tetracosene	336	C24H48	010192-32-2	95
5	1-Hexacosene	364	C26H52	018835-33-1	95





Tentatively Identified Compound (LSC) summary

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Data File : BP025573.D
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Sample : Q2949-01
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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...	3.031	22.4	ng	1200090	1	7.778	1073800	20.0
2-Pentanone, 4-...	4.937	9.3	ng	499420	1	7.778	1073800	20.0
Benzophenone	15.760	6.9	ng	696709	3	14.389	2018200	20.0
Heneicosane	16.136	3.0	ng	381960	4	17.177	2585770	20.0
(E)-Hexadec-9-e...	17.995	3.0	ng	384128	4	17.177	2585770	20.0
n-Hexadecanoic ...	18.119	20.4	ng	2632320	4	17.177	2585770	20.0
Octadecanoic acid	19.442	4.1	ng	611520	5	21.618	2966190	20.0
1-Heneicosyl fo...	21.277	8.1	ng	1196690	5	21.618	2966190	20.0