

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
 Data File : BM049964.D
 Acq On : 18 Apr 2025 13:49
 Operator : RC/JU
 Sample : Q1826-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE

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-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.287	216	221	226	rBV	401203	515807	3.77%	0.660%
2	4.887	317	323	332	rBV	2443733	3242403	23.71%	4.146%
3	5.357	396	403	421	rBV	3511522	5004027	36.60%	6.399%
4	5.963	500	506	512	rBV	96253	141070	1.03%	0.180%
5	6.946	663	673	690	rBV	3716405	6145787	44.95%	7.859%
6	7.763	805	812	821	rBV	1770917	2789666	20.40%	3.567%
7	8.922	1001	1009	1019	rBV	2684370	4434371	32.43%	5.671%
8	10.557	1278	1287	1300	rBV	2057138	3488047	25.51%	4.460%
9	13.028	1700	1707	1721	rBV	7872252	11470929	83.89%	14.669%
10	14.410	1935	1942	1954	rBV	3198076	4620353	33.79%	5.908%
11	15.227	2074	2081	2097	rVB	270637	531034	3.88%	0.679%
12	15.769	2167	2173	2180	rBV	276735	403108	2.95%	0.515%
13	15.904	2189	2196	2212	rBV	3792095	5625727	41.14%	7.194%
14	17.157	2403	2409	2422	rBV2	3398932	4926230	36.03%	6.300%
15	17.439	2453	2457	2463	rVB	112674	158632	1.16%	0.203%
16	17.827	2519	2523	2531	rVB2	147112	214543	1.57%	0.274%
17	18.057	2557	2562	2567	rBV	232458	412889	3.02%	0.528%
18	18.121	2569	2573	2583	rVB	492882	745358	5.45%	0.953%
19	18.474	2628	2633	2643	rBV2	346320	538065	3.93%	0.688%
20	19.339	2776	2780	2786	rBV3	66983	139918	1.02%	0.179%
21	19.780	2849	2855	2863	rBV	11794489	13673887	100.00%	17.486%
22	20.074	2902	2905	2913	rBV2	108607	207706	1.52%	0.266%
23	21.298	3109	3113	3121	rVB	267392	348213	2.55%	0.445%
24	21.392	3124	3129	3141	rVV	2893204	4177887	30.55%	5.343%
25	24.391	3631	3639	3652	rVB	1671495	4243942	31.04%	5.427%

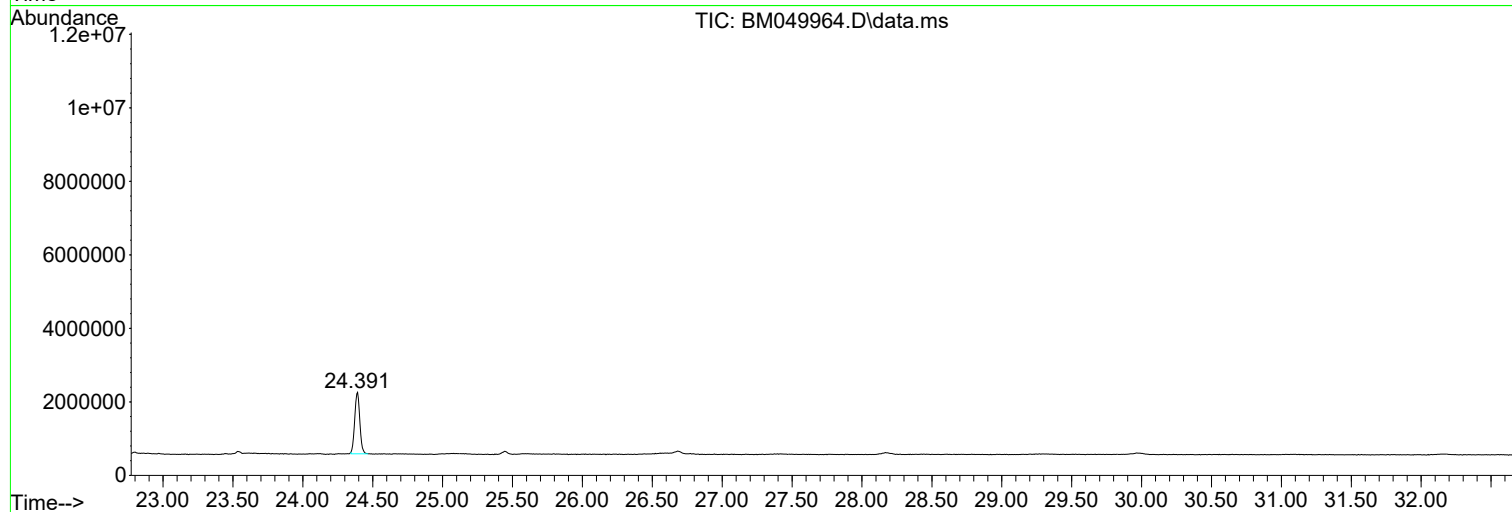
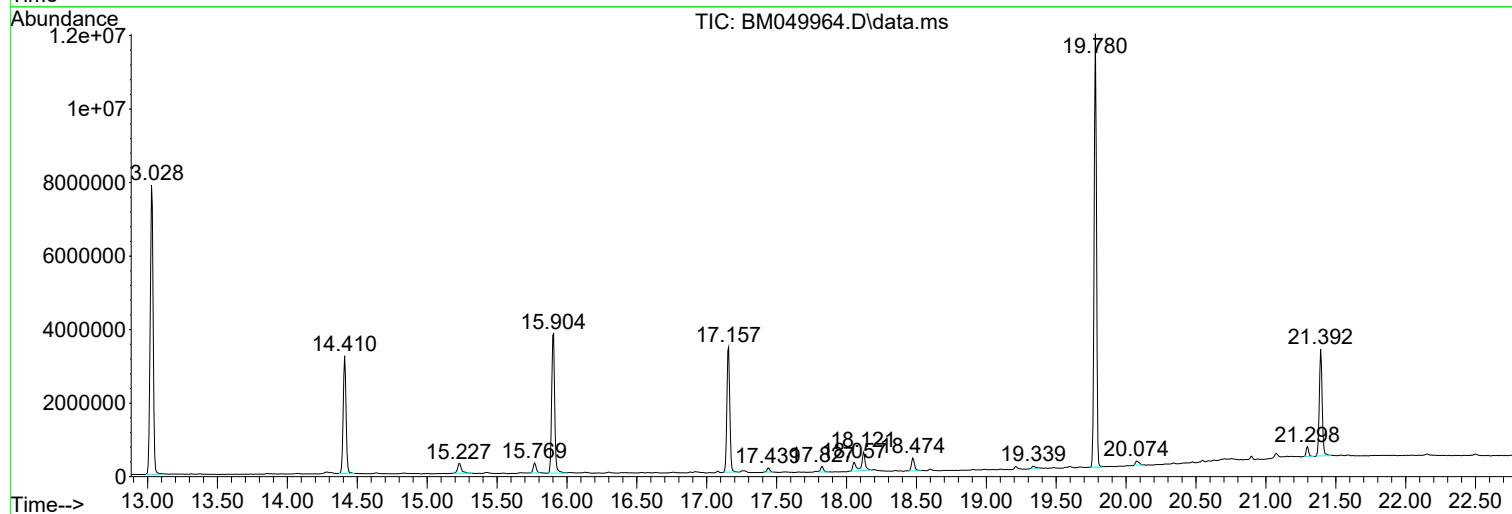
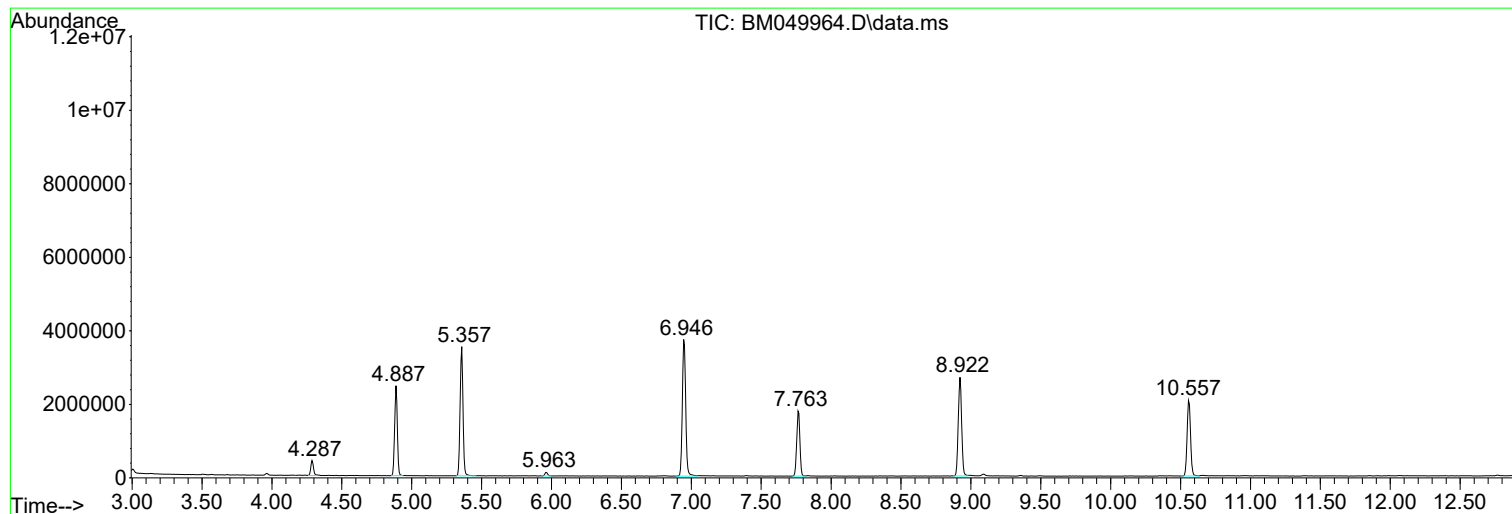
Sum of corrected areas: 78199599

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ClientSampleId :
CONCRETE-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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Instrument :
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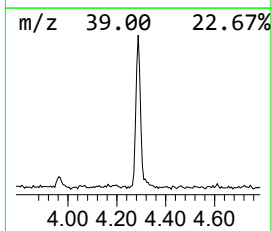
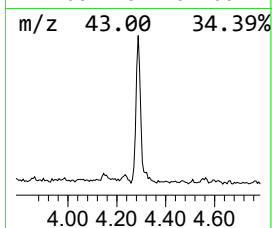
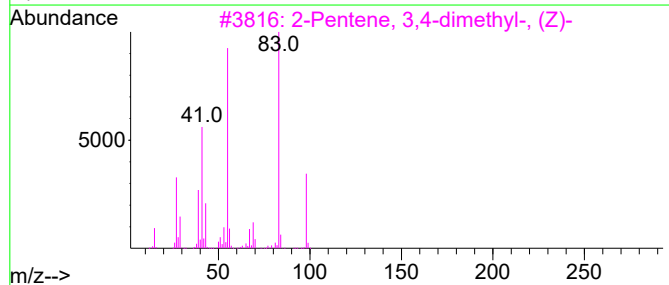
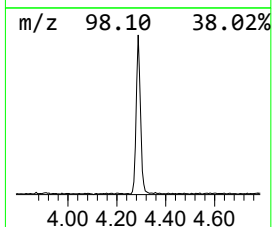
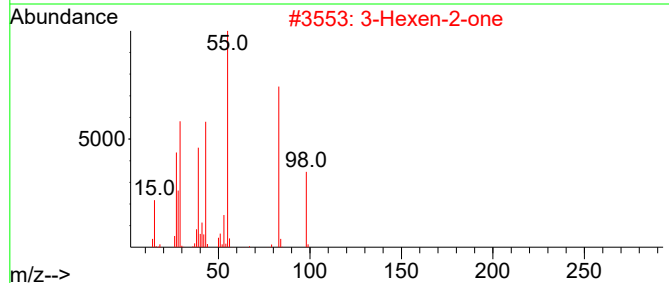
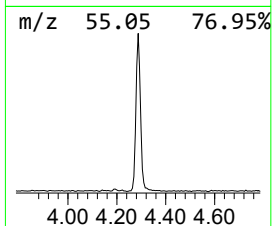
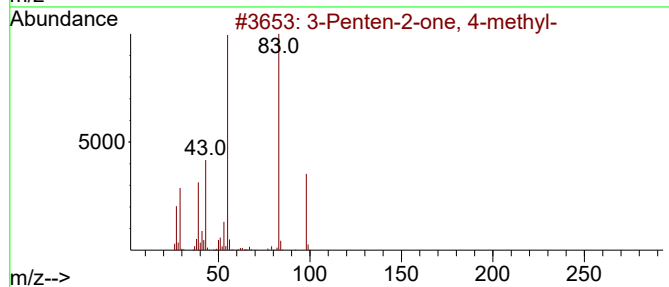
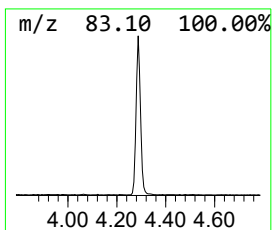
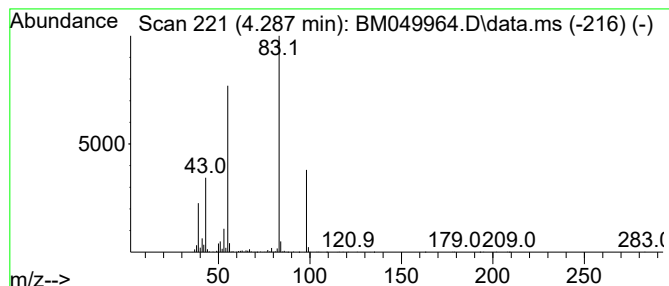
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.287	3.70 ng	515807	1,4-Dichlorobenzene-d4	7.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



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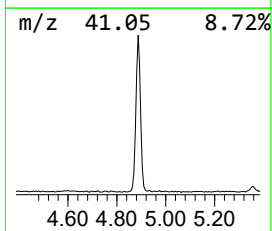
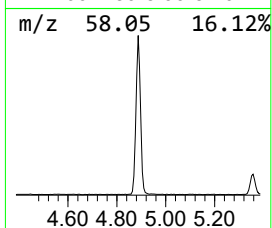
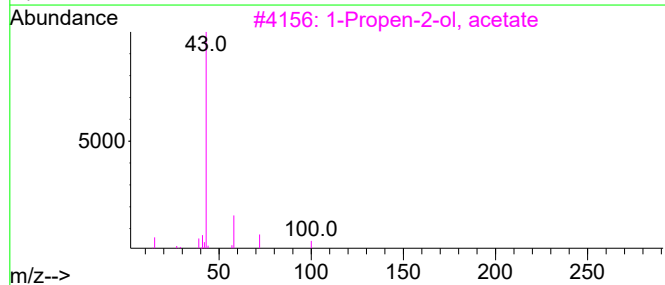
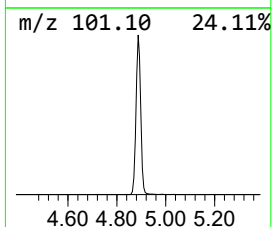
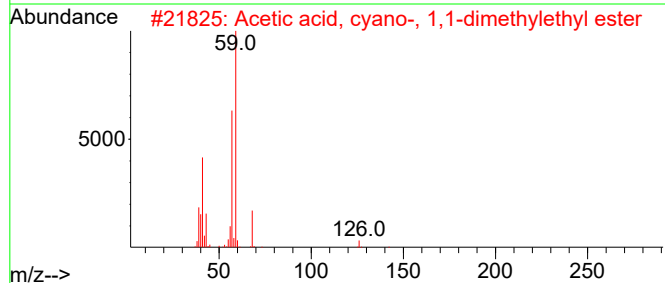
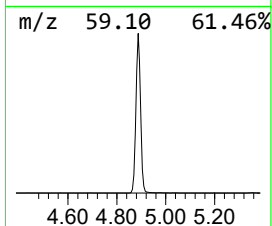
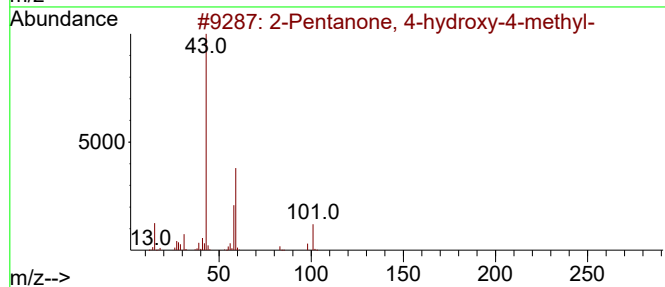
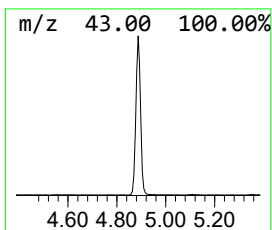
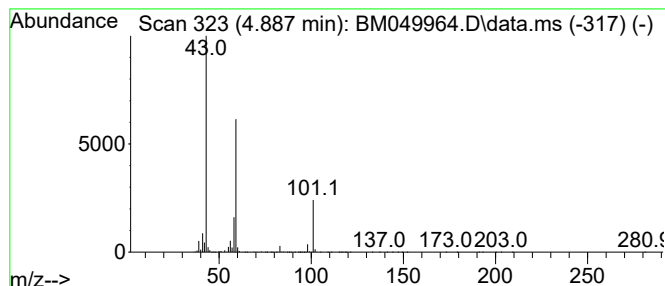
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.887	23.25 ng	3242400	1,4-Dichlorobenzene-d4	7.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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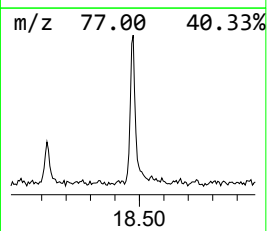
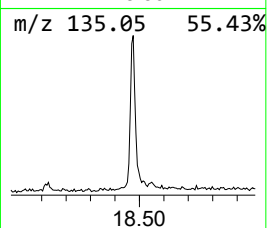
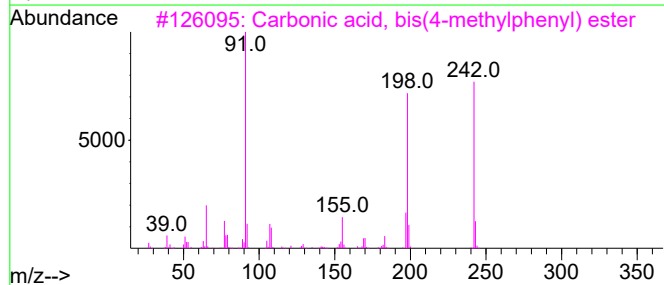
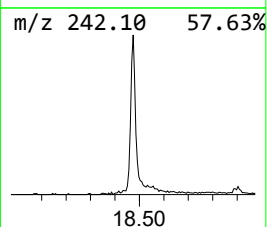
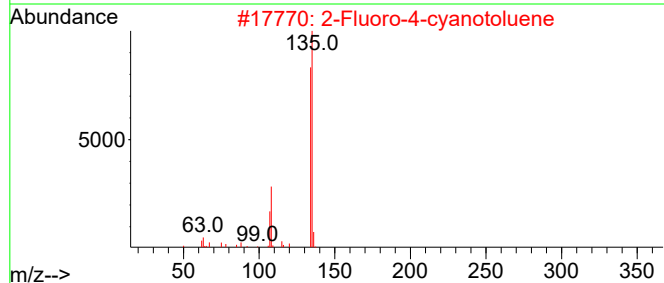
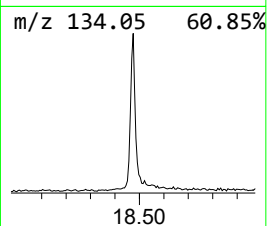
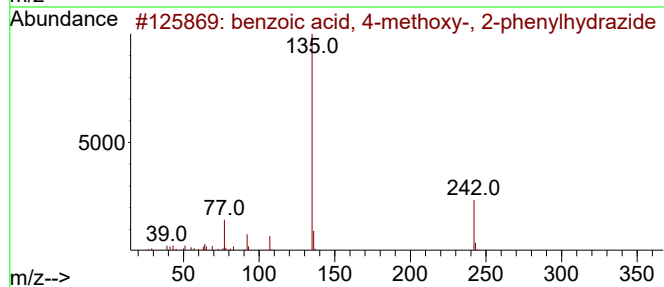
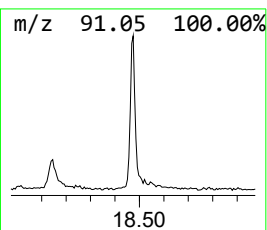
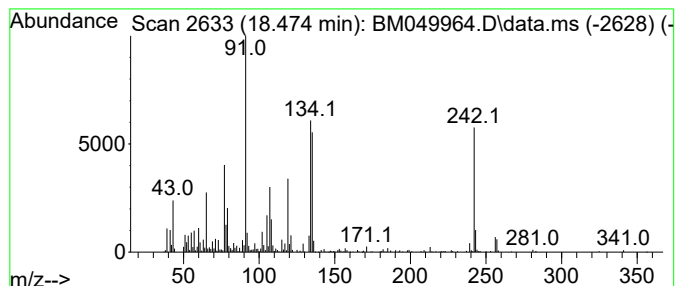
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown18.474 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	2.18 ng	538065	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			benzoic acid, 4-methoxy-, 2-phen...	242	C14H14N2O2	1000401-23-1	27
2			2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	27
3			Carbonic acid, bis(4-methylpheny...	242	C15H14O3	000621-02-3	25
4			Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	22
5			Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one,...	4.287	3.7	ng	515807	1	7.763	2789670	20.0
2-Pentanone, 4-...	4.887	23.3	ng	3242400	1	7.763	2789670	20.0
unknown18.474	18.474	2.2	ng	538065	4	17.157	4926230	20.0